Wholesale Gas Quadrant

TAB 16

Subcommittee Updates

BPS

- *Energy Day (See Tab 6)*

Information Requirements

Technical

EDM

Contracts

Interpretations

NAESB WGQ Information Requirements Subcommittee Meeting
April 13-14, 2005 – 8:30 – 4:00 p.m. (Eastern Time)
Richmond, VA –
Host: Dominion Transmission

DRAFT MINUTES

1. **Introductions –** participants introduced themselves

2. **Housekeeping –** Tran Kimbel provided the housekeeping.

3. **Anti-trust Guidelines** – Dale Davis read the anti-trust guidelines.

4. **Adoption of Agenda –** The posted agenda was adopted with no opposition.

5. **Approval of Prior Meeting Minutes & Attachment**
   - March 17, 2005 – the draft minutes, as modified, and the attachment, as posted, were adopted with no opposition.

6. **Minor Corrections for Version 1.7**

Additional review of the Version 1.7 data sets to make necessary corrections for outdated technical references contained in the error / warning validation code descriptions and definitions.

IR Discussion:
(Note: see Minor Correction IR worked on in Dec 2004 re validation codes – clean up)
IR reviewed the remainder of the data sets to determine where references to EDI segments needed to be deleted, modified or new ones added. See the attached workpaper.

Motion:
Adopt the proposed changes to the validation codes for the Nomination Quick Response – NAESB WGQ Std. 1.4.2 and the Confirmation Quick Response –NAESB WGQ Std. 1.4.7 as reflected on the attached workpaper.

Vote	For	Against	Total	Balanced For	Balanced Against	Balanced 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

7. **Address Current Requests for Initiation or Enhancement of NAESB Standards and items transferred from other NAESB subcommittees** -- Discussion, Q&A and a balanced vote for each item.

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Richmond, VA –
Host: Dominion Transmission

(The items will be addressed in the order listed. The time allotted for the work of the subcommittee will be divided between the new data sets and the routine maintenance items.)

Implementation Development in Progress:

Capacity Release Related Requests (IR Log Round 3)

R00027 Enron (Transwestern)
Request: Add a new M data element 'Status' to the header level of the following data sets:

Offer Download	NAESB WGQ Std. 5.4.1
Bid Download	NAESB WGQ Std. 5.4.2
Award Download	NAESB WGQ Std. 5.4.3

(Relevant Minutes - BPS - 3/15/01, 3/29/01; IR - 3/17/05)

IR Discussion:
The group reviewed the request. In the EDI implementation, there is the ability to send a 'transaction set purpose' of 'original' or 'change' in the Offer Download and the Bid Download. In the Award Download the EDI 'transaction set purposes' currently are 'confirmation' and 're-submission'. The purpose of this request is to provide a NAESB data element to reflect this type of information so that it is available for EBB comparability.

Upon further review of the interpretation NAESB WGQ Standard No. 7.3.43, it was determined that in the NAESB WGQ Booklet 1 of 1, the 7.3.43 discusses 'super noms' and it should have been shown as 7.3.47 and that the actual 7.3.43 interpretation related to this request was not included in the NAESB WGQ Booklet 1 of 1, but was in the Capacity Release related Standards implementation guide.

The actual interpretation 7.3.43 that was adopted as a result of C98008 says:

7.3.43 When a Transportation Service Provider has posted a particular Offer, Bid, or Award (as identified by its "number") and then any one or more of the values, contained within: a) the quantity(ies) data elements, b) rate data elements, c) any of the date/time elements (i.e., effective begin/end dates, award dates, bidding period dates, etc.), d) location data elements, or e) data elements containing codes for the parties to that Offer, Bid, or Award, is different in a subsequent posting of information on that Offer, Bid, or Award, shouldn't the value of the ANSI X12 Transaction Set Purpose Code data element be the code associated with "change" (Offer) or "re-submission" (Award)?

Interpretation:
It is misleading and unclear to communicate information that was previously posted, and has been subsequently revised and re-posted, with a code value that states that the information is "original". Once a capacity release transaction has been posted, where there is a change to any value contained in particular offer, bid, or award, and the revised transaction has been posted, the value of the ANSI ASC X12 transaction set purpose code data element should denote that the data set contains a revision(s).

In the NAESB WGQ Capacity Release Related Implementation Guides, the following values are available to populate the ANSI ASC X12 transaction set purpose code data element:

Data Set		Segment	ANSI ASC X12 Code Value	Description
Offer	(5.4.1)	BQT	00	Original
Offer	(5.4.1)	BQT	04	Change
Bid	(5.4.2)	BQR	00	Original
Bid	(5.4.2)	BQR	04	Change
Award	(5.4.3)	BQR	06	Confirmation
Award	(5.4.3)	BQR	15	Re-submission

The instructions from the BPS meeting of March 29, 2001 are as follows:
BPS instructs the Information Requirements Subcommittee to accommodate the mandatory business practice of sending the status of the document in the Offer Download, Bid Download, and Award Download.

Motion: Modify the data sets and code values dictionaries as indicated below:

Data Sets: **NAESB WGQ Std 5.4.1** **Offer Download**
NAESB WGQ Std 5.4.2 **Bid Download**
NAESB WGQ Std 5.4.3 **Award Download**

Business Name (Abbreviation)	Definition	EBB Usage	EDI/FF Usage	Condition
Status (Status)	The status of the document.	M	M	

Code Values Dictionary **NAESB WGQ Std 5.4.1** **Offer Download**
NAESB WGQ Std 5.4.2 **Bid Download**

Code Value Description	Code Value Definition	Code Value
Original	[no definition necessary]	
Change	[no definition necessary]	

Code Values Dictionary **NAESB WGQ Std 5.4.3** **Award Download**

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Code Value Description	Code Value Definition	Code Value
Confirmation	[no definition necessary]	
Re-submission	[no definition necessary]	

Vote	For	Against	Total	Balanced For	Balanced Against	Balanced 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

R01003 Enron (Northern Natural)
Request: Add a new data element 'System Management Service Quantity' (BC / C) to the sub-detail level of the following data sets:

Offer Upload	NAESB WGQ Std.5.4.7
Offer Upload Notification	NAESB WGQ Std. 5.4.9
Offer Download	NAESB WGQ Std. 5.4.1
Bid Upload	NAESB WGQ Std. 5.4.18
Bid Download	NAESB WGQ Std. 5.4.2
Award Download	NAESB WGQ Std. 5.4.3

Also add Validation Codes to the Offer Upload Quick Response (NAESB WGQ Std.5.4.8) and Bid Upload Quick Response (NAESB WGQ Std. 5.4.19)

(Relevant Minutes - BPS - 3/15/01, 3/29/01, 4/12/01; IR - 3/17/05)

IR Discussion:
This request will be processed at the next meeting when the requester can be present.

R01017 Enron (Florida Gas Transmission)
Request: Add the qualifier 'Date Time Period Format Qualifier' for the data elements 'Seasonal Start Date' and 'Seasonal End Date' in the following data sets:

Offer Download	NAESB WGQ Std. 5.4.1

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Bid Download	NAESB WGQ Std. 5.4.2
Award Download	NAESB WGQ Std. 5.4.3
Offer Upload	NAESB WGQ Std. 5.4.7
Offer Upload Notification	NAESB WGQ Std. 5.4.9
Bid Upload	NAESB WGQ Std. 5.4.18

(Relevant Minutes – EC - 10/11/01; IR - 3/17/05)

IR Discussion:

The group reviewed the work from the previous meeting and made modifications to the proposed language for the TIBPs.

MOTION: Modify the Technical Implementation of Business Practices for the specified Capacity Release data sets as indicated below:

Offer Upload – NAESB WGQ Std. 5.4.7 – TIBP – new 7th paragraph

The **release term start date** and the **release term end date** indicate the date range (CCYYMMDD) for the applicable release. This term could span more than one season, as may be further defined in the TSP's tariff or general terms and conditions. The **seasonal start date** and the **seasonal end date** indicate the date range for the seasonal period for the applicable release. The seasonal date range can be for separate seasons (CCYYMMDD-CCYYMMDD) within the release term or for a recurring seasonal period (MMDD-MMDD) during a multiple year release within the release term. The latter provides for the releaser to indicate that the release is for the same specified time period each year during the multi-year release.

Offer Download – NAESB WGQ Std. 5.4.1 – TIBP – modify 4th paragraph

The Offer Download contains the offer term, made up of the **release term start date** and **release term end date**, which is the date range for the period of the capacity being offered. This term could span more than one season, as may be further defined in the TSP's tariff or general terms and conditions. When rates and/or quantities in an offer change according to the season, the **seasonal start date** and **seasonal end date** are used to communicate the date ranges that the seasonal rates and quantities are effective. The **release term start date** and the **release term end date** indicate the date range (CCYYMMDD) for the applicable release. The **seasonal start date** and the **seasonal end date** indicate the date range for the seasonal period for the applicable release. The seasonal date range can be for separate seasons (CCYYMMDD-CCYYMMDD) within the release term or for a recurring seasonal period (MMDD-MMDD) during a multiple year release within the release term. The latter provides for the releaser to indicate that the release is for the same specified time period each year during the multi-year release.

Bid Upload – NAESB WGQ Std. 5.4.18 – TIBP – Modify 7th paragraph as follows:

The Bid Upload also contains the release term made up of the **bidder's release term start date** and **bidder's release term end date**, which is the date range for the period of capacity the bidder wishes to acquire. This term could span more than one season, as may be further defined in the TSP's tariff or general terms and conditions. Note that this may be the same as the date range in

the offer, or the bidder may bid for a shorter term if the releasing shipper has indicated that a shorter term bid is acceptable. The seasonal date range can be for separate seasons (CCYYMMDD-CCYYMMDD) within the bidder's release term or for a recurring seasonal period (MMDD-MMDD) during a multiple year release within the bidder's release term. The latter provides for the bidder to indicate that the bid is for the same specified time period each year during the multi-year release.

Bid Download – NAESB WGQ Std. 5.4.2 – TIBP – Modify 8th paragraph as follows:

The Bid Download also contains the bidder's release term, made up of the **bidder's release term start date** and **bidder's release term end date**, which is the date range for the period of capacity the bidder wishes to acquire. This term could span more than one season, as may be further defined in the TSP's tariff or general terms and conditions. Note that this may be the same as the date range in the offer, or the bidder may bid for a shorter term if the releasing shipper has indicated that a shorter term bid is acceptable. The seasonal date range can be for separate seasons (CCYYMMDD-CCYYMMDD) within the bidder's release term or for a recurring seasonal period (MMDD-MMDD) during a multiple year release within the bidder's release term. The latter provides for the bidder to indicate that the bid is for the same specified time period each year during the multi-year release.

Award Download – NAESB WGQ Std. 5.4.3 – TIBP – Modify 5th paragraph as follows:

The term in the Award Download represents the actual award term, made up of the **release term start date**, **release term start time**, **release term end date** and **release term end time**, that is the start and end dates and times for the term of the release of capacity. This term could span more than one season, as may be further defined in the TSP's tariff or general terms and conditions. This may be the same as offered, or it may be a shorter term if the offer was open to bidding on a shorter term. The seasonal date range can be for separate seasons (CCYYMMDD-CCYYMMDD) within the awarded release term or for a recurring seasonal period (MMDD-MMDD) during a multiple year release within the awarded release term. The latter indicates the award is for the same specified time period each year during the multi-year release.

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

The following two requests will be processed together:

R02004 ANR
Request: New code values for the data element 'Discount Indicator' in the Capacity Release Data Sets.

(Relevant Minutes – EC - 4/18/02)

and

R02003 Tennessee Gas Pipeline
Request: Add a new BC data element 'Discount Indicator – Non-Reservation'.

(Relevant Minutes – BPS - 5/8/02, 6/6/02)
(Relevant Minutes for both requests - IR - 3/17/05)

IR Discussion:
The group reviewed the request and the discussion from the previous meeting. The instructions to IR from the BPS meeting of June 6, 2002 regarding R02003 are as follows:

BPS instructs the Information Requirements Subcommittee to accommodate the following business conditional business practice in the Offer Upload and throughout the remaining Capacity Release business process: the ability for the releasing shipper to indicate whether non-reservation discounts associated with the contract are to be passed to the replacement shipper.

The requester indicated that the requested data element 'Discount Indicator Non-reservation' needs to be added in the same data sets as the existing data element 'Discount Indicator' - Offer Upload, Offer Download and Offer Upload Notification.

See the attached work paper.

Motion: Adopt the proposed implementation for R02003 and R02004 as reflected on the attached workpaper.

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	7	0	7	2.00	0.00	2
Producers	0	0	0	0.00	0.00	0
Services	0	0	0	0.00	0.00	0
	7	0	7	2.00	0.00	2

Motion Passes

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R01004 Enron (Northern Natural)
Request: Add a new data element 'Storage Cycle Indicator' to the header level of the following data sets:

Offer Upload	NAESB WGQ Std.5.4.7
Offer Upload Notification	NAESB WGQ Std. 5.4.9
Offer Download	NAESB WGQ Std. 5.4.1
Bid Upload	NAESB WGQ Std. 5.4.18
Bid Download	NAESB WGQ Std. 5.4.2
Award Download	NAESB WGQ Std. 5.4.3

Also add the corresponding code values for such indicator. Additionally, add Validation Codes to the Offer Upload Quick Response (NAESB WGQ Std.5.4.8) and Bid Upload Quick Response (NAESB WGQ Std. 5.4.19).

(Relevant Minutes - BPS - 3/15/01, 3/29/01; IR - 3/17/05)

IR Discussion:
This request will be processed at the next meeting when the requester can be present.

Nominations Related Requests (IR Log Round 4)

R02008 CMS (Panhandle Eastern)
Request: Add 4 code values for data element 'Transaction Types' in the following data sets:

Nominations	NAESB WGQ Std. 1.4.1
Scheduled Quantity	NAESB WGQ Std. 1.4.5

(Relevant Minutes – EC – 8/22/02)

IR Discussion:
The group reviewed the request and the list of existing code values for the data element 'Transaction Type'.

Proposed Implementation:

Code Values Dictionary	**NAESB WGQ Std 1.4.1**	**Nomination**
	NAESB WGQ Std 1.4.5	**Scheduled Quantity**

Code Value Description	Code Value Definition	Code Value
Authorized Contract Overrun - Firm	Firm transportation which exceeds contract capacity rights for which authorization has been granted.	

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Authorized Contract Overrun - Interruptible	Interruptible transportation which exceeds contract capacity rights for which authorization has been granted.	
Operational Balancing Agreement	Used to signify a type of agreement.	
Pool Balancing	A nomination to balance a pool.	

Before the next meeting the requester will verify which data sets the requested code values need to be added. The above proposed implementation will be voted on at the next meeting.

R02010 Gulf South Pipeline Company, LP
Request: Add a new code value for the data element 'Reduction Reason' in the following data sets:

Confirmation Response	NAESB WGQ Std. 1.4.4
Scheduled Quantity	NAESB WGQ Std. 1.4.5
Scheduled Quantity for Operators	NAESB WGQ Std. 1.4.6

(Relevant Minutes – EC – 10/11/02)

IR Discussion:
The group reviewed the request.

Motion: Add the following code value as indicated below.
Code Values Dictionary
Data Sets:

NAESB WGQ Std. 1.4.4	Confirmation Response
NAESB WGQ Std. 1.4.5	Scheduled Quantity
NAESB WGQ Std. 1.4.6	Scheduled Quantity for Operator

Data Element: Reduction Reason

Code Value Description	Code Value Definition	Code Value
Reduction due to balancing of path	[no definition necessary]	

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	6	0	6	2.00	0.00	2

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Producers	0	0	0	0.00	0.00	0
Services	0	0	0	0.00	0.00	0
	6	0	6	2.00	0.00	2

Motion Passes

R03019 El Paso Western Pipelines
Request: Add a new code value for the data element 'Reduction Reason' in the following data sets:

Confirmation Response	NAESB WGQ Std. 1.4.4
Scheduled Quantity	NAESB WGQ Std. 1.4.5
Scheduled Quantity for Operators	NAESB WGQ Std. 1.4.6

(Relevant Minutes – EC – 10/09/03)

IR Discussion:
The group reviewed the request.

Motion: Add the following code value as indicated below.
Code Values Dictionary
Data Sets:

NAESB WGQ Std. 1.4.4	Confirmation Response
NAESB WGQ Std. 1.4.5	Scheduled Quantity
NAESB WGQ Std. 1.4.6	Scheduled Quantity for Operator

Data Element: Reduction Reason

Code Value Description	Code Value Definition	Code Value
Underperformance of Confirming Party at Receipt Location	Nominated quantities at a transportation service provider's receipt (supply) point exceed the demonstrated physical performance at the receipt location.	

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	6	0	6	2.00	0.00	2
Producers	0	0	0	0.00	0.00	0
Services	0	0	0	0.00	0.00	0

	6	0	6	2.00	0.00	2

Motion Passes

R03028 Northern Natural Gas
Request: Add a new code value for the data element 'Reduction Reason' in the following data sets:

Confirmation Response	NAESB WGQ Std. 1.4.4
Scheduled Quantity	NAESB WGQ Std. 1.4.5
Scheduled Quantity for Operators	NAESB WGQ Std. 1.4.6

(Relevant Minutes – EC – 10/09/03)

IR Discussion:
The group reviewed the request.

Proposed Implementation: Add the following code value as indicated below.
Code Values Dictionary
Data Sets:

NAESB WGQ Std. 1.4.4	Confirmation Response
NAESB WGQ Std. 1.4.5	Scheduled Quantity
NAESB WGQ Std. 1.4.6	Scheduled Quantity for Operator

Data Element: Reduction Reason

Code Value Description	Code Value Definition	Code Value
Storage Capacity Constraint		

Question for the requester: Please provide a definition for the requested code value.

R03030 Northern Natural Gas
Request: Add a new code value for the data element 'Transaction Type' in the following data sets:

Nomination	NAESB WGQ Std. 1.4.1
Scheduled Quantity	NAESB WGQ Std. 1.4.5
Sales/Transportation Invoice	NAESB WGQ Std. 3.4.1

(Relevant Minutes – EC – 10/09/03)

IR Discussion:

The group reviewed the request.

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Proposed Implementation: Add the following code values as indicated below.
Code Values Dictionary
Data Sets:

NAESB WGQ Std. 1.4.1	Nomination
NAESB WGQ Std. 1.4.5	Scheduled Quantity
NAESB WGQ Std. 3.4.1	Sales/Transportation Invoice

Data Element: Transaction Type

Code Value Description	Code Value Definition	Code Value
Imbalance Resolution Adjustment – Firm		
Imbalance Resolution Adjustment – Interruptible		

Question for the requester: Please provide a definition for the requested code values.

R03001 El Paso Western Pipelines
Request: Add two new data elements in the following data sets:

Request for Confirmation	NAESB WGQ Std. 1.4.3
Confirmation Response	NAESB WGQ Std. 1.4.4
Scheduled Quantity for Operators	NAESB WGQ Std. 1.4.6

(Relevant Minutes – BPS – 7/14/03, 7/30/03)

IR Discussion:
The group reviewed the request and the following instructions from the July 30, 2003 BPS meeting:
The Business Practices Subcommittee instructs the Information Requirements Subcommittee to accommodate the mutually agreed business practice of including receipt and/or delivery capacity limits during the confirmation process as more fully explained in the request and the 7/30/2003 posted work paper (ignoring the references to the method(s) of applying reductions). This instruction applies to the development of any associated data elements and/or code values.

The group determined that in addition to the two requested data elements, there should be corresponding code values for the data element 'Reduction Reason' in the Scheduled Quantity (NAESB WGQ 1.4.5) and the Scheduled Quantity for Operator (NAESB WGQ 1.4.6).

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Code Values Dictionary
Data Sets: NAESB WGQ Std. 1.4.5 Scheduled Quantity
NAESB WGQ Std. 1.4.6 Scheduled Quantity for Operator

Data Element: Reduction Reason

Code Value Description	Code Value Definition	Code Value
Capacity Quantity Limit - Delivery Location	Reduction due to net delivery capacity available at location.	
Capacity Quantity Limit – Receipt Location	Reduction due to net receipt capacity available at location.	

Need to add error codes in the Confirmation Response and the Confirmation Response Quick Response

- **Modify NAESB WGQ Standard 1.3.60 to insert the new data elements in the Location Data Group as reflected below. The remainder of the standard is unchanged.**

On the confirmation data entry screen, fields in the data groups should appear in the following order:

* * *
Location Data Group:
Location
Confirmation Role
Capacity Quantity Limit – Delivery Location
Capacity Quantity Limit – Receipt Location
* * *

- **Modify NAESB WGQ Standard 1.3.63 to insert the new data element in the Transaction Specific Data Group as reflected below. The remainder of the standard is unchanged**

On the scheduled quantity for operator Web page, fields in the data groups should appear in the following order:

* * *
Location Data Group:
Location
Confirmation Role
Capacity Quantity Limit – Delivery Location
Capacity Quantity Limit – Receipt Location

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- Add the following data elements as indicated below.

Data Sets: NAESB WGQ Std. 1.4.3 Request for Confirmation
NAESB WGQ Std. 1.4.4 Confirmation Response

Business Name (Abbreviation)	Definition	Data Group	EBB Pathed	EBB Non-Pathed	EBB PNT - "T"	EBB PNT - "U"	EDI / FF Usage	Condition
Delivery Location Capacity Quantity (Del Loc Cap Qty)	Net delivery capacity available at location.	LDG	MA	MA	MA	MA	MA	MA
Receipt Location Capacity Quantity (Rec Loc Cap Qty)	Net receipt capacity available at location.	LDG	MA	MA	MA	MA	MA	MA

Data Sets: NAESB WGQ Std. 1.4.6 Scheduled Quantity for Operator

Business Name (Abbreviation)	Definition	Data Group	EBB Pathed	EBB Non-Pathed	EBB PNT - "T"	EBB PNT - "U"	EDI / FF Usage	Condition
Delivery Location Capacity Quantity (Del Loc Cap Qty)	Net delivery capacity available at location.	DelDG	MA	MA	MA	MA	MA	MA
Receipt Location Capacity Quantity (Rec Loc Cap Qty)	Net receipt capacity available at location.	RecDG	MA	MA	MA	MA	MA	MA

*
*
*

This request will be completed at the next meeting.

7. Other Business
none

8. Next Meeting Dates and Location

May 13, 2005 Houston, TX Host: Gulf South Pipeline, LLP
20 East Greenway Plaza
Houston, TX 77046

June 23, 2005 Omaha, NE Host: Northern Natural

9. Adjourn

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Meeting Attendees

Attendee	Organization	4/13/05	4/14/05	NAESB Member?
Pipelines:				
Kathryn Burch	Duke Energy – Texas Eastern Transmission	√	√	√
Dale Davis	Williams Gas Pipeline	√	√	√
Mark Gracey	Tennessee Gas Pipeline	√	√	√
Brenda Horton	Kern River Gas Transmission	√	√	√
Tran Kimbel	Dominion Transmission	√	√	√
Iris King	Dominion Transmission	√ (nv)	√ (nv)	√
Mike Stender	El Paso Natural Gas	√	√	√
Kim VanPelt	Panhandle Eastern Pipeline	√	√	√
Randy Young	Gulf South Pipeline Company LP	√	√	√
Services:				
Producers:				
End Users:				
LDCs:				
Associations:				

Bold signifies Chair
nv = not voting

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NAESB WGQ Technical Subcommittee Meeting
Draft Meeting Minutes
April 12, 2005

1. Welcome and Introductions
Kim Van Pelt called the meeting to order. Introductions were made.

2. Anti-Trust Warning
Reviewed by Kim Van Pelt

3. Adoption of Agenda
The agenda was modified to remove R02007 as it was completed at the March 15-16, 2005. The agenda was adopted as modified.

4. Adoption of Meeting Minutes
The draft minutes for 03/15-16/2005 were adopted as final.

5. Address Current Requests for Initiation or Enhancement of NAESB WGQ Standards

R98037 Columbia Gas Transmission

Description of Change:

Offer Download (5.4.1)

Data Elem Xref to X12

Header REF: Insert a new row before the "Releasing Shipper Lesser Quantity Indicator" data element row so that the end result is as follows:

REF C Offer Package Identifier

X12 Mapping

Heading REF segment (position 050): REF02: Add the data element "Offer Package Identifier" to the beginning of the list of data elements so that the end result is as follows:

Offer Package Identifier, Recall/Reput Indicator, Releasing Shipper Lesser Quantity Indicator, Releasing Shipper's Contingency Indicator, Bid Evaluation Method Indicator, Allowable Re-release Indicator, Affiliate Indicator, Right to Amend Primary Points Indicator

Transaction Set Tables

REF Segments (Heading) table: Insert a new row at the beginning of the table as follows:

Element Name	Usage	REF01	REF02	REF02 Description	REF03	REF03 Description
Offer Package Identifier	C	PKG	Offer Package Identifier	Offer Package Identifier	not used	

Bid Download (5.4.2)

Data Elem Xref to X12

Header REF: Insert a new row after the "Bidder's Contingency Terms" data element row so that the end result is as follows:

REF C Bid Package Identifier

X12 Mapping

Heading REF segment (position 050): REF02: Add the data element "Bid Package Identifier" to the end of the list of data elements so that the end result is as follows:

Bid Number, Bidder Lesser Quantity Indicator, Special Terms and Miscellaneous Notes, Bidder's Contingency Indicator, Affiliate Indicator, Bidder's Contingency Terms, Bid Package Identifier

Transaction Set Tables

REF Segments (Heading) table: Insert a new row at the end of the table as follows:

Element Name	Usage	REF01	REF02	REF02 Description
Bid Package Identifier	C	PKG	Bid Package Identifier	Bid Package Identifier

Offer Upload (5.4.7)

Data Elem Xref to X12

Header REF: Insert a new row before the "Releasing Shipper Lesser Quantity Indicator" data element row so that the end result is as follows:

REF BC Offer Package Identifier

X12 Mapping

Heading REF segment (position 050): REF02: Add the data element "Offer Package Identifier" to the beginning of the list of data elements so that the end result is as follows:

Offer Package Identifier, Recall/Reput Indicator, Releasing Shipper Lesser Quantity Indicator, Releasing Shipper's Contingency Indicator, Minimum Rate Discloser Indicator, Bid Evaluation Method Indicator, Disclose Indicator, Affiliate Indicator, Re-post Indicator, Right to Amend Primary Points Indicator

Transaction Set Tables

REF Segments (Heading) table: Insert a new row at the beginning of the table as follows:

Element Name	Usage	REF01	REF02	REF02 Description	REF03	REF03 Description
Offer Package Identifier	BC	PKG	Offer Package Identifier	Offer Package Identifier	not used	

Offer Upload Quick Response (5.4.8)

Data Elem Xref to X12

Header REF: Insert a new row after the "Offer Number" data element row so that the end result is as follows:

REF C Offer Package Identifier

X12 Mapping

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Heading REF segment (position 050): REF02: Add the data element "Offer Package Identifier" to the end of the list of data elements so that the end result is as follows:
Bid Number, Award Number, Offer Number, Offer Package Identifier

Transaction Set Tables

REF Segments (Heading) table: Insert a new row at the end of the table as follows:

Element Name	Usage	REF01	REF02 Description
Offer Package Identifier	C	PKG	Offer Package Identifier

Errors and Warnings (Heading) table: Insert the following in numerical order:

Validation Code	Description
E541	Invalid Offer Package Identifier
E542	Missing Offer Package Identifier
W825	Offer Package Identifier not processed

Offer Upload Notification (5.4.9)

Data Elem Xref to X12

Header REF: Insert a new row after the "Right to Amend Primary Points Indicator" data element row so that the end result is as follows:

REF C Offer Package Identifier

X12 Mapping

Heading REF segment (position 050): REF02: Add the data element "Offer Package Identifier" to the end of the list of data elements so that the end result is as follows:
Recall/Reput Indicator, Bid Number, Offer Number, Releasing Shipper's Contingency Indicator, Affiliate Indicator, Right to Amend Primary Points Indicator, Offer Package Identifier

Transaction Set Tables

REF Segments (Heading) table: Insert a new row at the end of the table as follows:

Element Name	Usage	REF01	REF02	REF02 Description	REF03	REF03 Description
Offer Package Identifier	C	PKG	Offer Package Identifier	Offer Package Identifier	not used	

Bid Upload (5.4.18)

Data Elem Xref to X12

Header REF: Insert a new row after the "Affiliate Indicator" data element row so that the end result is as follows:

REF BC Bid Package Identifier

X12 Mapping

Heading REF segment (position 050): REF02: Add the data element "Bid Package Identifier" to the list of data elements so that the end result is as follows:
Bidder Lesser Quantity Indicator, Bidder's Contingency Indicator, Offer Number, Special Terms and Miscellaneous Notes, Associated Contract, Affiliate Indicator, Bid Package Identifier, Bidder's Contingency Terms

Transaction Set Tables

REF Segments (Heading) table: Insert a new row at the end of the table as follows:

Element Name	Usage	REF01	REF02	REF02 Description
Bid Package Identifier	BC	PKG	Bid Package Identifier	Bid Package Identifier

Bid Upload Quick Response (5.4.19)

Data Elem Xref to X12

Header REF: Insert a new row after the "Bid Number" data element row so that the end result is as follows:

REF C Bid Package Identifier

X12 Mapping

Heading REF segment (position 050): REF02: Add the data element "Bid Package Identifier" to the end of the list of data elements so that the end result is as follows:
Offer Number, Bid Number, Bid Package Identifier

Transaction Set Tables

REF Segments (Heading) table: Insert a new row at the end of the table as follows:

Element Name	Usage	REF01	REF02 Description
Bid Package Identifier	C	PKG	Bid Package Identifier

Errors and Warnings (Heading) table: Insert the following in numerical order:

Validation Code	Description
EBDQR145	Invalid Bid Package Identifier
EBDQR146	Missing Bid Package Identifier
WBDQR120	Bid Package Identifier not processed

Motion:

Segments	Vote For	Balanced For	Vote Against	Balanced Against
End Users	0	0	0	0
LDCs	0	0	0	0
Services	0	0	0	0
Pipelines	7	2	0	0
Producers	0	0	0	0
Totals	**7**	**2**	**0**	**0**

Motion passes

6. Next Meeting Date and Location

Wednesday, May 11, 2005 9:00 a.m.-4:00 p.m. Houston, Gulf South Pipeline

7. Adjourn

The meeting was adjourned.

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Attendees:

Mike Stender	El Paso Natural Gas
Kim Van Pelt	Panhandle Eastern Pipe Line
Christopher Burden	Williams Gas Pipeline
Dale Davis	Williams Gas Pipeline
Brenda Horton	Kern River Gas Transmission
Mark Gracey	Tennessee Gas Pipeline
Randy Young	Gulf South Pipeline
Tran Kimbel	Dominion Transmission

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North American Energy Standards Board
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TO: NAESB Retail Electric Quadrant and Retail Gas Quadrant Technical Electronic Implementation Subcommittee (TEIS) Participants, Wholesale Gas Quadrant Electronic Delivery Method Subcommittee Participants, and Interested Parties

FROM: DeDe Kirby, Meeting/Project Manager

RE: RGQ/REQ TEIS & WGQ EDM Meeting Minutes- April 21, 2005

DATE: April 25, 2005

NORTH AMERICAN ENERGY STANDARDS BOARD
RETAIL ELECTRIC QUADRANT/RETAIL GAS QUADRANT
TECHNICAL ELECTORNIC IMPLEMENTATION SUBCOMMITTEE CONFERENCE CALL
&
WHOLESALE GAS QUADRANT
ELECTRONIC DELIVERY MECHANISM SUBCOMMITTEE
CONFERENCE CALL MEETING
April 21, 2005: 3:00 p.m. to 4:00 p.m. Central
DRAFT MINUTES

1. Welcome & Administration

Mr. Spangler called the meeting to order. Ms. Kirby gave the antitrust advice. Participants introduced themselves. Mr. Spangler explained that the purpose of the meeting was to vote the Internet ET changes, discussed and reviewed at the February 23, 2005 meeting of the WGQ EDM and the RxQ TEIS, on to the RGQ, REQ, and WGQ Executive Committees. The agenda was adopted by consensus. Mr. Jarrett moved to adopt the February 23, 2005 draft minutes. Mr. Rothfuss seconded the motion and the minutes were adopted by consensus.

2. Review of Recommendation containing Internet ET Changes (R04030)

The group reviewed draft Recommendation R04030, located on the NAESB website at http://www.naesb.org/pdf2/req_rgq_teis042105w1.doc. No changes were made.

3. Vote to send R04030 to REQ, RGQ, and WGQ Executive Committees

Mr. Jarrett moved to approve recommendation R04030 and send it to the REQ, RGQ, and WGQ Executive Committees for their consideration. Mr. Rothfuss seconded the motion. The motion passed by consensus. Below are the balanced voting charts:

Wholesale Gas Quadrant
Balanced Voting by Segment Tally

Segment	Votes Cast			Balanced Vote		
	YES	NO	TOTAL	YES	NO	TOTAL
End Users				0	0	0
LDCs				0	0	0
Pipeline				0	0	0
Producer				0	0	0
Services	1		1	1	0	1
Total	1		1	1	0	1

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Retail Electric Quadrant
Balanced Voting by Segment Tally

Segment	Votes Cast			Balanced Vote		
	YES	NO	TOTAL	YES	NO	TOTAL
Distributors	1		1	1	0	1
End Users				0	0	0
Services	2		2	2	0	2
Supplier				0	0	0
				0	0	0
Total	3		3	3	0	3

Retail Gas Quadrant
Balanced Voting by Segment Tally

Segment	Votes Cast			Balanced Vote		
	YES	NO	TOTAL	YES	NO	TOTAL
Distributors				0	0	0
End Users				0	0	0
Services	1		1	1	0	1
Supplier				0	0	0
				0	0	0
Total	1		1	1	0	1

4. Next Steps/Other Business

Mr. Behr stated that the May 26, 2005 RxQ TEIS meeting was cancelled. He added that the next meeting scheduled was June 8, 2005.

5. Possible next meeting information and adjournment

Mr. Jarrett moved to adjourn and Mr. Rothfuss seconded the motion. The meeting was adjourned by consensus at 3:20 p.m. Central.

6. Attendance

Name	Organization
Narg Araju	ERCOT
George Behr	ESG
Mark Jarrett	Southern Co.
DeDe Kirby	NAESB
Denise Rager	NAESB
Dan Rothfuss	Cinergy
Leigh Spangler	Latitude Technologies, Inc.

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April 5, 2005

TO: NAESB WGQ Contracts Subcommittee

FROM: Todd Oncken, NAESB Deputy Director

RE: NAESB WGQ Contracts Subcommittee Draft Minutes – April 4, 2005

NORTH AMERICAN ENERGY STANDARDS BOARD
WGQ CONTRACTS SUBCOMMITTEE MEETING
NAESB Offices, Houston, Texas
Monday, April 4, 2005 – 10:00 a.m. to 2:00 p.m., Central Time
DRAFT MINUTES

1. Welcome & Administrative Items

Mr. Sappenfield called the meeting to order. Mr. Oncken gave the antitrust advice. The agenda was reviewed and adoption of October 15, 2004 draft minutes was added under agenda item 6. Ms. Klecka moved, seconded by Mr. Jones, to approve the draft agenda as modified.

2. Review and processing of the following requests:

C03006, National Fuel Gas Distribution request for Clarification or Interpretation of Section 14.10 of NAESB Base Contract: Mr. Sappenfield explained the request for clarification addresses disclosure under the NAESB Base Contract and whether disclosing counterparty information was permissible. He added that the request for clarification was submitted in an environment where the Federal Energy Regulatory Commission (FERC) was considering making disclosure of counterparty information mandatory, but that the FERC had reconsidered whether mandatory reporting of counterparty information would be required. Additionally, Mr. Sappenfield noted that the requestor had an interest in highlighting the potential conflict between the Base Contract's requirements and potential FERC action, rather than an interest in changing or modifying the contract.

Mr. Sappenfield proposed to use the comments submitted by EnCana as a strawman for discussion since no other comments were submitted prior to the meeting. The strawman suggests that the Contracts Subcommittee take no action to modify the standard, but instead publish a clarification related to Section 14.10 to advise the user that if they desire to specifically eliminate the ability of either party to reveal a counterparty's name "to a third party for the sole purpose of calculating a published index" they should add a special provision to the NAESB Base Contract to delete Section 14.10(iv). After limited discussion it was determined that this was the appropriate course of action. Mr. Sappenfield volunteered to draft language to be considered by the subcommittee at an upcoming conference call. The language should include the notation that this issue will be considered the next time a general review of the NAESB Base Contract is done.

R03033, American Arbitration Association request relating to Section 14.11 of NAESB Base Contract: Mr. Sappenfield introduced the request and explained that it proposed including specific standard arbitration language proposed by the American Arbitration Association (AAA). Mr. Sappenfield stated that his organization would not support NAESB promoting or endorsing any specific arbitration language. Also, he noted that the proposed language was not inclusive of all arbitration options, and many organizations did not include arbitration language in their agreements. Ms. Greenblatt added that the subcommittee reached the same conclusion the first time it looked at this request. Participants agreed with Mr. Sappenfield's comments and

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Ms. Greenblatt's assessment of the previous meeting, but Mr. Sappenfield noted that formal action from the subcommittee was required.

Mr. Jones moved, seconded by Ms. Klecka, that the WGQ Contracts Subcommittee take no action in endorsing the arbitration language proposed by the AAA, because parties to an agreement should be free to choose from a number of alternatives when including arbitration language in their agreements. The motion passed unanimously. Mr. Sappenfield volunteered to draft language to be considered by the subcommittee at an upcoming conference call.

3. Discuss and develop plan for processing of R04028, Florida Power and Light's request for revision or alternative to the cover page of NAESB Base Contract.

Agenda items 3 and 4 were discussed together.

Mr. Sappenfield stated that several suggestions were made for changing the NAESB Base Contract during development of the ISDA Gas Annex, and several parties have suggested that a general review of the NAESB Base Contract might be appropriate. Mr. Sappenfield suggested that the subcommittee consider a general review of the contract in connection with Request No. R04028. Ms. Gussow did not oppose a wholesale review of the contract, but requested that the subcommittee take action on Request No. R04028 independently, possibly approving an alternative cover page to the contract instead of a contract modification. She stated a wholesale review of the NAESB Base Contract could take considerable time, but addressing Request No. R04028 separately could be done more quickly. To address Ms. Gussow's concerns about processing Request No. R04028, Mr. Sappenfield suggested the subcommittee adopt a model alternative cover page to the NAESB Base Contract. It was noted that proceeding this manner would provide the industry the opportunity to use the alternative cover page to determine whether it is more user friendly and what, if any, changes should be made before it is adopted as a change to the standard.

Discussion of a general review of the NAESB Base Contract continued. Mr. Sappenfield stated, in support of the review, that his organization includes approximately 10 pages of special provisions to the Base Contract. A survey of participants was done that revealed that most organizations include between 4 and 10 pages of special provisions. Reducing the number of special provisions included with the Base Contract; developing a unique, easily-identifiable cover page (such as the one proposed in Request No. R04028); and updating several of the clauses were noted as benefits of reviewing the Base Contract. Mr. Sappenfield volunteered to draft a NAESB Request for Standards seeking the general review of the NAESB Base Contract. The subcommittee was sensitive to the fact that a general review of the NAESB Base Contract would be a large undertaking and could take many months to complete.

The subcommittee reviewed the attachment to Request No. R04028 to determine whether it included the information required in the current cover page. There was a detailed discussion and Ms. Gussow captured the changes in a revised draft alternate cover page to the NAESB Base Contract (attached). Highlights of the changes include: duplication of the wire transfer information in both columns one and three; replacement of Purchases/Sales/Storage/Deliveries with Commercial/Scheduling; replacement of Contracts/Legal Notices/Regulatory Documents with Notices/Contract Admin; replacement of Financial Evaluations/Credit Approval with Credit; the addition of another line in the Invoices row to allow for an alternative address; and other general formatting to make column two more prominent. It was noted that the Request proposed no changes to the bottom half of the cover page, since that section addresses elections made under the agreement and not general contact information. The revised document will be reviewed at the upcoming conference call.

4. Discuss possible plans and/or request for a comprehensive update to NAESB Base Contract including its Terms and Conditions.

Please see general discussion under item 3.

5. Next Steps

Solicit, receive and review comments on R04028 for subsequent meetings: No specific action was taken on this item. Please see discussion above.

Establish meeting dates, time and locations for review of comments and start of NAESB review process for R04028: A conference call was scheduled for April 28, 2005 from 10:00 a.m. to noon. Draft recommendations on Request Nos. C03006, R03033, and R04028 will be discussed, with a possible vote on each.

6. Other Matters

Adoption of Draft Minutes from October 15, 2004: Ms. Calcagno moved, seconded by Ms. Braddy, to adopt the minutes from the October 15, 2004 WGQ Contracts Subcommittee meeting as drafted. The motion passed unanimously.

7. Adjourn

The meeting adjourned at 11:22 a.m. Central.

8. Participation

Name	Organization	Notes
Martha Braddy	BG LNG Services, LLC	In Person
Suzanne Calcagno	UBS Energy	Phone
Marcia Greenblatt	Sempra Energy Trading	Phone
Dona Gussow	FPL	Phone
Richard Ishikawa	Southern California Gas Company	Phone
Christopher Jones	Calpine Energy Services	In Person
Ellen Klecka	Cinergy	In Person
Todd Oncken	NAESB	In Person
Keith Sappenfield	EnCana Marketing USA	In Person
Donna Scott	Transwestern Pipeline Co.	In Person
Abby Snyder	Southern California Gas Company	Phone
Rick Tucker	EnCana Marketing USA	Phone

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via email and posting

TO: NAESB WGQ Interpretations Subcommittee and Interested Parties

FROM: Todd Oncken, Deputy Director

RE: Conference Call Draft Minutes - March 8, 2005

DATE: March 17, 2005

Wholesale Gas Quadrant
Interpretations Subcommittee Conference Call
March 8, 2005; 9:30 a.m. to 10:30 a.m. Central
Draft Minutes

1. Administrative

Mr. Love called the meeting to order and welcomed attendees. Mr. Oncken gave the antitrust advice. Mr. Novak moved, seconded by Ms. Crockett, to adopt the agenda without modification. The motion passed unanimously. Mr. Sappenfield moved, seconded by Ms. Burnett, to adopt the October 16, 2003 meeting minutes as drafted. The motion passed unanimously. Ms. McVicker moved, seconded by Mr. Sappenfield, to adopt the March 11, 2004 meeting minutes as drafted. The motion passed unanimously.

2. Discussion and potential vote on request C05001

Ms. Rogers presented Request C05001. Ms. Rogers stated that the focus of concern in the request was the new gas quality reporting standard 4.3.s2, and its requirement to list certain gas quality components. Ms. Rogers expressed concerned that the components listed could be interpreted as a requirement instead of an example of the types of information to post when that information is available. She noted that a literal interpretation and application would go beyond the current gas quality information captured by many pipelines. She proposed the following language, "[a]s such, not all attributes need be included in all postings and additional attributes may be included as applicable."

Mr. Love stated Request C05001 appeared more general than Ms. Rogers' description. He said the subcommittee understood the request to focus on the general question of drafting the standards using language such as "should" and "could" as opposed to "will" or "shall", and prepared a draft clarification to that issue. Ms. Rogers agreed that Request C05001 was more general in nature, but the real concern was the application of the language in standard 4.3.s2, as noted above.

Ms. Rogers agreed it would be appropriate to withdraw Request C05001 and submit a new, more specific request on the issues stated above. Mr. Novak noted that the drafting subcommittee or WGQ Executive Committee did not consider the list in standard 4.3.s2 as all inclusive. Ms. McVicker cautioned that the subcommittee should not rewrite the standard through the Interpretations process. Mr. Love agreed and added that clarification of the standard could be appropriate since many thought the standard was clear and called for reporting the available information at an identified location as specified in the tariff, but others could interpret the list to go beyond its illustrative purpose.

3. Other Business

A conference call will be scheduled for approximately one month after the new request for clarification is received by the NAESB Office.

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4. Adjourn

The conference call adjourned at 9:54 a.m. Central.

5. Attendance

Name	Organization	Notes
Kathryn Burch	Duke Energy Gas Transmission	
Christopher Burden	Williams Gas Pipeline	
Tina Burnett	The Boeing Company	Member
Valerie Crockett	Tennessee Valley Authority	
Bill Griffith	El Paso Natural Gas	
Dona Gussow	Florida Power & Light Company	
Brenda Horton	Kern River Gas Transmission Company	
Paul Love	NGPL	Member/Chair
Marcy McCain	Duke Energy Gas Transmission	
Diane McVicker	Salt River Project	Member
Michael Novak	National Fuel	Member
Todd Oncken	NAESB	
Jan Rogers	Sabine Pipeline	Requester
Keith Sappenfield	EnCana Corporation	Member
Randy Young	Gulf South Pipeline	

Wholesale Gas Quadrant

TAB 17

2005 WGQ Annual Plan

North American Energy Standards Board
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NORTH AMERICAN ENERGY STANDARDS BOARD

2005 WGQ Annual Plan Approved by the Board of Directors on March 3, 2005

	Item Description	Completion[1]	Assignment
Gas-Electric Activities			
1	Development of standards regarding an Energy Day (R04016)	4th Qtr. 2005	BPS (joint with WEQ BPS)
	Status:		
2	Development of standards regarding daily operational communications between natural gas pipelines and gas fired electrical generators (R04021)	2nd Qtr. 2005	BPS (joint with WEQ BPS)
	Status: In progress.		
Electronic Delivery Mechanisms and Related Activities			
3	Prepare a common NAESB Electronic Transport (ET) and WGQ Quadrant Electronic Delivery Mechanism (WGQ QEDM) manuals using the version 1.6 NAESB WGQ EDM tab 6 and applicable 4.x.x standards as a base.	1st Qtr. 2005	EDM Subcommittee
	Status: Pending, Discussion Underway		
4	Review of minimum technical characteristics in Appendices C, D, and E of the EDM Manual.	2nd Qtr. 2005	EDM Subcommittee
	Status:		
5	Review and enhance security standards as required by technological changes. Review security standards as may be deemed necessary, e.g. Public Key Infrastructure (PKI).	3rd Qtr. 2005	EDM Subcommittee
	Status: Pending WEQ ITS/ESS outcome		
6	Explore additional possibilities for partnership with the Department of Energy. Sandia Review of security and reliability of NAESB EDM Standards.	3rd Qtr. 2005	EC Officers
	Status: Pending, Discussion Underway		

[1] Dates in the completion column are by end of the quarter for completion by the assigned committee. The dates do not necessarily mean that the standards are fully staffed so as to be implementable by the industry, and/or ratified by membership. If one item is completed earlier than planned, another item can begin earlier and possibly complete earlier than planned. There are no begin dates on the plan.

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	Item Description	Completion[1]	Assignment
7	Preparation of documents and submission of EDM standards to ANSI for approval as ANSI standards. Status: Pending completion of item 6	4th Qtr. 2005	EDM Subcommittee
	Standards of Conduct		
8	Review and develop necessary standards for the posting requirements contained in Paragraph 10 of FERC Notice of Proposed Rulemaking and Termination Order, Docket Nos. RM96-1-026 and RM96-1-015, 109 FERC ¶ 61,326 (Dec 21, 2004) Status: Complete	1st Qtr 2005	Business Practices Subcommittee
	Contracts Activities		
9	Review and develop a Canadian Supplement to the ISDA Gas Annex. (R#_____)	4th Qtr. 2005	Contracts Subcommittee
10	Review and develop modifications to the NAESB Base Contract for Sale and Purchase of Natural Gas (R04028)	3rd Qtr.	Contracts Subcommittee
	Provisional Activities[2] Subsequent FERC orders – Docket No. RM 96-1 (Creditworthiness) FERC rulemaking orders on Gas Quality FERC rulemaking orders – Docket No. AD 04-10 (Storage Reporting)		

[2] To the extent that it is determined that any of the provisional activities should be worked upon during the year as a result of a specific request for standards development or a FERC action, the Board has the discretion to modify the annual plan. Additionally, provisional activities will remain on the Annual Plan for one year pending the filing of a formal request or a decision to add them to the plan as active items.

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Item Description	Completion[1]	Assignment
Program of Standards Maintenance & Fully Staffed Standards Work[3]		
Business Practice Requests	Ongoing	Assigned by the EC on a request by request basis
Continue review against plan for migration to ANSI ASC X12 new versions as needed and coordinate such activities with DISA.	Ongoing	ANSI (X12) Subcommittee
Information Requirements and Technical Mapping of Business Practices	Ongoing	Assigned by the EC on a request by request basis
Ongoing Interpretations for Clarifying Language Ambiguities	Ongoing	Assigned by the EC on a request by request basis
Ongoing Maintenance of Code Values and Other Technical Matters	Ongoing	Assigned by the EC on a request by request basis

Notes: (a) Priority is given to action items that are carry-overs from the 2004 Annual Plan.

(b) Any new activity should be preceded by a request from the submitter after which the annual plan will be revisited. The provisional items would only be addressed after a request is submitted or an order is issued by the FERC.

[3] This work is considered routine maintenance and thus the items are not separately numbered.

Wholesale Gas Quadrant

TAB 18

- ***Proposed Standards – QEDM, R02006, R03004/R01013, R99031/r03008, R970110, R00004, R00005, R01011, R00010***
- ***Comments***

North American Energy Standards Board
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via email and posting

TO: NAESB WGQ Members and Interested Industry Participants
FROM: DeDe Kirby, Meeting/Project Manager
RE: Wholesale Gas Quadrant Request for Comments
DATE: March 8, 2005

An industry comment period begins today, March 9, 2005 and ends on April 8, 2005 for one WGQ recommendation:

Recommendation 2005 WGQ Annual Plan Item #3 - Preparation of QEDM for WGQ – http://www.naesb.org/pdf2/2005_wgq_ap3_rec.doc.

All interested parties, regardless of membership status within NAESB are eligible to submit comments for consideration. The WGQ Executive Committee will review this recommendation and consider it for vote as NAESB Wholesale Gas Quadrant (WGQ) standard on May 12, 2005, and in that consideration will review all submitted comments.

All comments received by the NAESB office by end of business on April 8th will be posted on the Home Page (http://www.naesb.org/request.asp) and forwarded to the WGQ EC members for their consideration. If you have difficulty downloading the recommendation, please call the NAESB office at (713) 356-0060. The recommendation is also attached for your convenience.

Best Regards,

DeDe Kirby

cc: Rae McQuade, Executive Director

North American Energy Standards Board
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Home Page: www.naesb.org

NAESB Wholesale Gas Quadrant Members as of February 22, 2005

Organization	Segment	Contact
8760	s	Jim Buccigross
AEP Energy Services, Inc.	s	Cathy Szasz
Alliance Pipeline LP	pl	Neil Coghlan
Ameren Corporation	l	Scott Glaeser
Apache Corporation	pr	Michele Markey
Arizona Public Service Company	e	Gary Duede Kelly Daly Curt Brechtel
Atmos Energy	pl	Steve Easley
Ballard Natural Gas, LLC	s	Susan Thibodeaux
Baltimore Gas & Electric Co.	l	Steven Zavodnick
Barclays Bank PLC	s	Guy Kern-Martin
BG LNG Services, LLC	s	Martha Braddy
Boeing Company, The	e	Tina Burnett
BP Energy	pr	Bill Benham Lauren Kaestner
Bridgeline Gas Marketing	pl	Georgia Blanchard
Burlington Resources	pr	Paul Keeler
Calpine Energy Services, LP	e	Janet Dixon Craig Chancellor
Cargill Incorporated	s	Kathy Gerken
Cascade Natural Gas Corporation	l	Mark Sellers-Vaughn
CenterPoint Energy Gas Services, Inc.	s	James G. Beste
CenterPoint Energy Gas Transmission Company	pl	Larry Thomas
CenterPoint Energy Mississippi River Transmission Corp.	pl	Robert Trost
Chandeleur Pipe Line Company	pl	Janice E. Rogers
Chevron/Texaco	pr	Randy Mills
Cinergy	e	John Procario
Cinergy Marketing and Trading	s	Maribeth Bedevian
Columbia Gas Transmission	pl	Carl Levander
Columbia Gulf Transmission Co.	pl	Carl Levander
Comprehensive Energy Services	e	Jim Templeton
ConocoPhillips Gas and Power	pr	Peter Frost
Consolidated Edison Company of NY	l	Mary Jane McCartney

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Organization	Segment	Contact
		Jim Stanzione
Constellation Energy Commodities Group, Inc.	s	Robert McKay
Dauphin Island Gathering Partners	pl	Katie Rice
Defense Energy Support Center	e	Veronica Jones Kevin Ahern
Department of Energy	e	Christopher Freitas
Dominion Exploration and Production, Inc.	pr	David Ogden Gary Weaver Sheri Heslington
Dominion Resources	l	Craig Colombo
Dominion Transmission, Inc.	pl	Gary Sypolt Iris King
Duke Energy Gas Transmission - Texas Eastern	pl	Richard Kruse
Edison Mission Marketing and Trade	e	Christian Hnat William Roberts
El Paso Eastern Pipelines	pl	Larry Smith Mark Gracey
El Paso Natural Gas	pl	William Griffith
El Paso Production Company	pr	Bill Hebenstreit
Enbridge Energy Company, Inc.	pl	Terry McGill
EnCana Corporation	pr	Keith Sappenfield
EnCana Marketing (USA) Inc.	s	Keith Sappenfield
Energy East Management Corporation	l	Marjorie Perlman
Energy Velocity	s	Konni Keuter
Entergy Services, Inc.	e	Arlynn Kelleher Terry Shields
Equitable Gas Company	l	Steve Rafferty
Equitrans, L.P.	pl	Mina Speicher
ExxonMobil Gas Marketing	pr	Richard Smith
Florida Power & Light Company	e	Dona Gussow
Florida Reliability Coordinating Council	e	Joe Stepenovitch
Gas Transmission Northwest Corporation	pl	Jay Story
Great Lakes Gas Transmission	pl	Gene Fava
Group 8760	s	Jim Buccigross
Gulf South Pipeline	pl	Claire Burum Randy Young
H S Resources Inc.	pl	Carol Hall
Imperial Irrigation District	e	William Rapp

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Organization	Segment	Contact
Iroquois Gas Transmission System	pl	Tom Gwilliam
Kern River Gas Transmission Company	pl	Janie Nielsen
Kerr-McGee Oil and Gas Company	pr	Charles (Chuck) Johnson
KeySpan Energy	l	Dolores Chezar
Laclede Gas Co.	l	Kenneth Neises
Latitude Technologies	s	Leigh Spangler
Louis Dreyfus Energy Services L.P.	s	Mary Ellen Bell Ruby H. Melton
Lower Colorado River Authority	e	Mickey Bell
Lyn Maddox Consulting	s	Lyn Maddox
Marathon Oil Company	pr	Robin Perrine
Mewbourne Oil Company	pr	Michael F. Shepard
National Fuel Gas Distribution	l	Michael Novak
National Fuel Gas Supply Corp.	pl	Joseph Kardas
Natural Gas Pipeline Co of America	pl	Paul Love
New Jersey Natural Gas Company	l	Douglas C. Rudd
Niagara Mohawk Power Corporation	l	Bruce Garcy
Nicor Gas	l	Nancy Brucher
NiSource Inc.	l	M. Christopher Maturo
NJR Energy Services Company	s	Ginger Richman
Northern Natural Gas	pl	Mary Darveaux
Northwest Natural Gas Company	l	Randolph Friedman
NOVA Gas Transmission Ltd.	pl	Doug Miller
Occidental Energy Marketing Inc. (OEMI)	pr	Carol Wilson
Pacific Gas & Electric	l	John Breen
Panhandle Eastern Pipe Line	pl	Bill (William) Grygar Kim Van Pelt
PECO Energy Co.	l	Reed R. Horting Amy Hamilton
Pemex Gas Y Petroquimica Basica	s	Juan Enrique Gonzales Azuara
Peoples Gas Light & Coke Co.	l	Tom Zack
Platts	s	Bill Murphy
Portland General Electric	pl	Kathy Davies
Portland Natural Gas Transmission System	pl	David Morgan
PPL EnergyPlus, LLC	e	Anne Lovett

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Organization	Segment	Contact
Promet Energy Partners, LLC	s	Gregory R. White
Public Service Electric & Gas	l	David Wohlfarth
Questar Pipeline Co.	pl	Scott Hansen
Quorum Business Solutions Inc.	s	Douglas Allen
Sabine Pipe Line LLC	pl	Jan Rogers
Salt River Project Agricultural Improvement & Power District	e	Diane McVicker
SCANA Corporation	pl	Jacquelyn Gettle
Sempra Energy - Southern California Gas Co.	l	Lee Stewart Rodger Schwecke
Sequent Energy Management, L.P.	s	Pat Metteauer
Shell Gas Transmission, LLC	pl	Chuck Cook
SolArc Inc.	s	Tim Curtis
Southern California Edison Company	e	Roman Bakke
Southern Company Services, Inc.	e	Carl Haga
Southern Natural Gas Co.	pl	Renee Hyde Ronnie L. Martin
Southern Star Central Gas Pipeline	pl	James L. Harder Dale Sanders
Southwest Gas Corporation	l	Larry Black
SunGard Energy Systems	s	Chuck McClure Jennifer Chen
Telvent	s	William (Bill) Morrow
Tennessee Valley Authority	e	Valerie Crockett
Texas Gas Transmission, LLC	pl	Jeff Bittel
Tiger Natural Gas	s	Tracy Phillips
Tractebel Energy Marketing, Inc.	s	Mark Hodges
TransCanada Pipelines	pl	Doug Miller
Trinity Apex Solutions, Inc.	s	Richard (Dick) Couron
TXU Energy Trading Co.	s	Mike Grim
UBS Energy LLC	s	Suzanne Calcagno
Vector Pipeline L.P.	pl	Amy Bruhn
Washington Gas Light Co.	l	Adrian Chapman Tim Sherwood
Westfield Gas & Electric Light Dept.	l	Joyce Bodak
Williams Gas Pipeline	pl	Dale Davis Ron Mucci
Williston Basin Interstate Pipeline	pl	Keith Tiggelaar

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Organization	Segment	Contact
Wisconsin Public Service Corporation	l	Patrick Fox

Segment Legend:

e = End Users
l = LDCs
p = Pipeline
r = Producer
s = Services

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
For Quadrant:

Requesters: **WGQ EDM Subcommittee**
Request No.: **2005 WGQ Annual Plan Item 3**
Request Title: **Preparation of QEDM for WGQ**

1. RECOMMENDED ACTION:

_X_ Accept as requested
___ Accept as modified below
___ Decline

EFFECT OF EC VOTE TO ACCEPT RECOMMENDED ACTION:

_X_ Change to Existing Practice
___ Status Quo

2. TYPE OF DEVELOPMENT/MAINTENANCE

Per Request:	**Per Recommendation:**
___ Initiation	___ Initiation
_X_ Modification	_X_ Modification
___ Interpretation	___ Interpretation
___ Withdrawal	___ Withdrawal
_X_ Principle	_X_ Principle
_X_ Definition	_X_ Definition
_X_ Business Practice Standard	_X_ Business Practice Standard
_X_ Document	_X_ Document
___ Data Element	___ Data Element
___ Code Value	___ Code Value
___ X12 Implementation Guide	___ X12 Implementation Guide
_X_ Business Process Documentation	_X_ Business Process Documentation

3. RECOMMENDATION

SUMMARY:

This recommendation proposes, as a result of the creation of the NAESB Internet Electronic Transport (Internet ET) specification, the adoption of the WGQ Quadrant EDM Manual as a replacement for the NAESB WGQ Electronic Delivery Mechanism (EDM) Manual. (Note: The NAESB Internet ET was adopted by the Executive Committees of the WGQ, REQ and RGQ in May, 2004).

Specifically, the WGQ EDM Subcommittee, working in conjunction with the NAESB Retail Quadrants TEIS Subcommittees, removed essentially all of "Tab 6" of the Version 1.7 WGQ EDM Manual and used it as the basis of the NAESB Internet ET document. Additionally, the encryption standards for PGP were modified to adopt OpenPGP and mutually agree to PGP. The remaining content of the WGQ EDM Manual, that is the subject of this recommendation, has been reviewed and revised for Internet ET conforming changes, content updates, grammatical improvements and overall streamlining of content.

This streamlined content is to be renamed the WGQ Quadrant Electronic Delivery Manual (QEDM) and be made part of the Version 1.8 WGQ standards.

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
For Quadrant:

Requesters: **WGQ EDM Subcommittee**
Request No.: **2005 WGQ Annual Plan Item 3**
Request Title: **Preparation of QEDM for WGQ**

RECOMMENDED STANDARDS:
As a result of the above processes, the following NAESB WGQ Principles, Definitions, Standards and Interpretations are proposed to be changed, deleted and/or moved to the Internet ET specification:

Note: Changes for FERC Order 2004 and Gas Quality Reporting (R03035A) have been incorporated in the proposed WGQ QEDM.

4.1.2 The WGQ Quadrant Electronic Delivery Mechanism does not pick winners, rather it should create an environment where the marketplace can dictate a winner or winners.

4.1.6 Data providers (~~transportation service providers)~~Transportation Service Providers) should interface with third party vendors according to NAESB WGQ standards.

4.1.7 Electronic communications between parties ~~to the transaction~~ should be done on a nondiscriminatory basis, whether through an agent or directly with any party to the transaction.

~~4.1.9 Service providers should post clear and precise business processing rules at the designated site, or in writing, upon request.~~

4.2.11 "NAESB WGQ EDI/EDM" is the term used to describe ANSI ASC X12 computer-to-computer electronic data interchange of information in files as mapped from the x.4.z NAESB WGQ standards in the NAESB WGQ Implementation Guides and communicated between trading partners over the Internet using the NAESB Internet Electronic Transport ~~WGQ Electronic Delivery Mechanism.~~

4.2.12 "NAESB WGQ FF/EDM" is the term used to describe a standardized flat file electronic data interchange of information in files as mapped from the x.4.z NAESB WGQ standards. NAESB WGQ FF/EDM is communicated between trading partners over the Internet using the NAESB Internet Electronic Transport~~WGQ Electronic Delivery Mechanism~~.

4.2.13 "NAESB WGQ EBB/EDM" is the term used to describe the NAESB WGQ standardized electronic interchange of information for Customer Activities Internet Web site presentations. ~~NAESB WGQ EBB/EDM is communicated between trading partners over the Internet using the NAESB WGQ Electronic Delivery Mechanism for NAESB WGQ EBB/EDM~~

4.2.20 Testing data sets between trading partners includes testing of:
1. intended business results,
2. Internet ET~~proposed electronic delivery mechanisms~~, and
3. related EDI/EDM and, where supported, FF/EDM implementation issues.
Testing should include enveloping, security, data validity, and standards compliance (e.g. ANSI X12 and NAESB WGQ QEDM Related Standards).

4.3.1 All parties sending and receiving data should accept a TCP/IP connection. ~~Sending~~At a minimum, sending and receiving parties should designate an Internet address~~as a designated site~~ for the receipt and delivery of NAESB WGQ standardized data sets.

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
For Quadrant:

Requesters: **WGQ EDM Subcommittee**
Request No.: **2005 WGQ Annual Plan Item 3**
Request Title: **Preparation of QEDM for WGQ**

4.3.2 On time stamping, data leaves control of the originator by the same time (deadline), regardless of mechanism (3rd party service provider time stamp is acceptable) and 15 minutes of communication time should be available to allow accumulation of all transactions to the pipeline. ~~A standard network protocol (TCP/IP) should be in service for direct connect to the pipeline designated site.~~

4.3.5 Documents that are made available on the Transportation Service Provider's Web ~~designated~~ site should be downloadable on demand in a NAESB WGQ specified electronic structure.

4.3.7 Deleted and moved to Internet ET standard [10].3.3.

4.3.8 Deleted and moved to Internet ET standard [10].3.4.

4.3.9 Deleted and moved to Internet ET standard [10].3.5-7.

4.3.10 Deleted, moved and modified as Internet ET standard [10].3.8.

4.3.11 Deleted, moved and modified as Internet ET standard [10].3.9.

4.3.12 Deleted and moved to Internet ET standard [10].3.10.

4.3.13 Deleted, moved and modified as Internet ET standard [10].3.11.

4.3.14 Deleted, moved and modified as Internet ET standard [10].3.14.

4.3.15 Deleted, moved and modified as Internet ET standard [10].3.15.

4.3.37 Deleted, moved and modified as Internet ET standard [10].3.20.

4.3.64 Deleted, moved and modified as Internet ET standard [10].3.22.

4.3.70 Deleted, moved and modified as Internet ET standard [10].3.23.

4.3.71 Deleted, moved and modified as Internet ET standard [10].3.24.

4.3.88 Deleted, moved and modified as Internet ET standard [10].3.25.

7.3.50 Moved to Internet ET.

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

Standards Book: **WGQ – Electronic Delivery Mechanism**

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
For Quadrant:

Requesters: **WGQ EDM Subcommittee**
Request No.: **2005 WGQ Annual Plan Item 3**
Request Title: **Preparation of QEDM for WGQ**

Entire Manual:
Revised WGQ EDM manual to be now referred to as WGQ Quadrant Electronic Delivery Mechnism (QEDM)
See attached - 82 pages (due to extensive changes, the redline copy is not easilly readable, see NAESB WGQ EDM website for the redline history)

4. SUPPORTING DOCUMENTATION

a. Description of Request:

2004 Annual Plan Item 7: Prepare a common NAESB Electronic Transport (ET) and WGQ Quadrant Electronic Delivery Mechanism (WGQ QEDM) manuals using the version 1.6 NAESB WGQ EDM tab 6 and applicable 4.x.x standards as a base.

b. Description of Recommendation:

WGQ EDM Subcommittee:
See the WGQ EDM meeting minutes, and attachments for the supporting documentation, discussion, and voting records for the following dates:

04/13/2004
04/26/2004
05/18/2004
06/21/2004
07/20/2004
08/12/2004
09/20/2004
09/27/2004
10/01/2004
10/05/2004
02/24/2005

For details regarding the creation of the NAESB Internet ET that has already been adopted by the NAESB Executive Committees, see WGQ EDM meeting materials prior to April 2004.

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February 24, 2005

EXECUTIVE SUMMARY

This North American Energy Standards Board (NAESB) Wholesale Gas Quadrant (WGQ) Quadrant Electronic Delivery Mechanism (QEDM) manual establishes the framework for the electronic dissemination and communication of information between parties in the North American Wholesale Gas marketplace. Specifically, the Wholesale Gas Quadrant of the North American Energy Standards Board has standardized five methods of communication that can be implemented by market participants. The five methods are:

1. EDI/EDM Transfer - The transfer of EDI files, as defined by the ANSI-based NAESB WGQ file formats standards, transferred via the Internet using the NAESB Internet Electronic Transport (Internet ET) mechanism.

2. Batch Flat File/EDM Transfer - The transfer of "flat files", as defined by the NAESB WGQ file formats standards, transferred via the Internet using the NAESB Internet ET mechanism.

3. Informational Postings Web Sites - Internet web sites that provide open access to various documents and information posted by Transportation Service Providers.

4. EBB/EDM - Customer Activities Internet web sites that provide secure access to various documents, information and transactions between Transportation Service Providers and Service Requesters.

5. Interactive Flat File/EDM – The transfer of "flat files", as defined by the NAESB WGQ QEDM file format standards, using a secure web site.

For each of these five areas, this document provides a high-level guide to development, implementation, and testing. This guide is not intended to be a comprehensive, in-depth manual.

Open Standards

The “open” technology standards selected by NAESB WGQ are designed to provide flexibility and scalability. The business benefits gained from adherence to open standards are:

- Provides the framework to electronically trade with others (e.g., electric utilities, banks, suppliers, retail customers).
- Encourages marketplace development of off-the-shelf software solutions to support NAESB WGQ QEDM.
- Strengthens security and integrity of electronic communication.

Importance of the Trading Partner Agreement When Using Internet ET and WGQ QEDM

The Trading Partner Agreement (TPA) specifies what functions each party should perform in electronic transactions. Additionally, the Internet ET contains an optional Technical Exchange Worksheet that outlines basic connectivity information between trading partners. The specifications in the TPA should be tested before reliance on the production implementation for business transactions.

VERSION HISTORY

This NAESB WGQ QEDM manual is based on Version 1.7 of the WGQ Electronic Delivery Mechanism (EDM) manual. Through the joint efforts of the NAESB WGQ, Retail Electric Quadrant and Retail Gas Quadrant, specific sections of the v1.7 EDM manual related to Internet-based file transfer mechanisms were removed and reconstituted as the NAESB Internet ET Specification. The remaining sections of the v1.7 EDM manual were significantly revised, resulting in this document.

The version history provides specific changes to the WGQ EDM manual up to and including its Version 1.7 publication.

1.0 October 24, 1996

1.2 July 31, 1997

The following table shows a summary of requests and interpretations resulting in modifications to the Electronic Delivery Mechanism Related Standards. For full text of these modifications, refer to the Final Actions for Gas Industry Standards Board Version 1.2 on NAESB’s home page.

Standard	Description	Request No.	Action
4.3.1	Modify standard	R97024	Modify standard
4.3.16	New Standard	R97023	Add standard

1.3 July 31, 1998

The following table shows a summary of requests and interpretations resulting in modifications to the Electronic Delivery Mechanism Related Standards. For full text of these modifications, refer to the Final Actions for GISB Version 1.3 on NAESB’s home page.

Standard	Description	Request No.	Action
4.1.16	Principle	R97102/R97120	Add principle regarding Informational Postings Web Site information.
4.1.17	Principle	R97102/R97120	Add principle regarding Informational Postings Web Site information.
4.1.18	Principle	R97102/R97120	Add principle regarding Informational Postings Web Site information display.
4.1.19	Principle	R97102/R97120	Add principle regarding Informational Postings Web Site information download.
4.1.20	Principle	R97102/R97120	Add principle regarding Web site display.
4.1.21	Principle	R97102/R97120	Add principle regarding scrolling on Web sites.

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Standard	Description	Request No.	Action
4.2.1	Definition	R97102/R97120	Add definition for Informational Postings.
4.2.2	Definition	R97102/R97120	Add definition for Download.
4.2.3	Definition	R97102/R97120	Add definition for Display.
4.2.4	Definition	R97102/R97120	Add definition for Printing.
4.2.5	Definition	R97102/R97120	Add definition for Site Map.
4.2.6	Definition	R97102/R97120	Add definition for Central Address Repository.
4.2.7	Definition	R97102/R97120	Add definition for Navigational Area.
4.2.8	Definition	R97102/R97120	Add definition for Content Area.
4.3.16	Standard	R97102/R97120	Revise standard regarding HTML / RTF formats.
4.3.17	Standard	R97102/R97120	Add standard regarding Informational Postings label.
4.3.18	Standard	R97102/R97120	Add standard regarding Central Address Repository.
4.3.19	Standard	R97102/R97120	Add standard regarding Central Address Repository.
4.3.20	Standard	R97102/R97120	Add standard regarding user ID or password.
4.3.21	Standard	R97102/R97120	Add standard regarding categories and labels for Informational Postings.
4.3.22	Standard	R97102/R97120	Add standard regarding navigational links.
4.3.23	Standard	R97102/R97120	Add standard regarding subcategories and labels for categories of Informational Postings.
4.3.24	Standard	R97102/R97120	Add standard regarding display of TSP identification on Informational Postings Web Site.
4.3.25	Standard	R97102/R97120	Add standard regarding the Site Map.
4.3.26	Standard	R97102/R97120	Add standard regarding search capability.
4.3.27	Standard	R97102/R97120	Add standard regarding Notices category.
4.3.28	Standard	R97102/R97120	Add standard regarding subcategories of Notices.
4.3.29	Standard	R97102/R97120	Add standard regarding labels in Notice Type column.
4.3.30	Standard	R97102/R97120	Add standard regarding display of links in Navigational Area.
4.3.31	Standard	R97102/R97120	Add standard regarding abbreviations used for Informational Postings.
4.3.32	Standard	R97102/R97120	Add standard regarding table of contents of the Tariff.
4.3.33	Standard	R97102/R97120	Add standard regarding “previous” and “next” links.
4.3.34	Standard	R97102/R97120	Add standard regarding columns not supported by TSP.
4.3.35	Standard	R97102/R97120	Add standard regarding display of Index of Customers.

Standard	Description	Request No.	Action
7.3.24	Interpretation	C97010	Address contractual audit rights in relation to six-month time limit.
7.3.35	Interpretation	C97016	Address communication of notices.
Tab 3	Executive Summary	Minor Clarification & Correction	Replace “transaction set” with “EDI data” for clarity.
Tab 4	Business Process and Practices – Security	Minor Clarification & Correction	Add language to address RSA algorithm used for key generation.
Tab 6	Receiving Transactions – Writing the CGI Process	Minor Clarification & Correction	Add language regarding tag values in the HTTP header.
Tab 6	Security – Understanding PGP	Minor Clarification & Correction	Add language to address RSA algorithm used for key generation.
Tab 6	Security – Throughput Consideration	Minor Clarification & Correction	Add language regarding DNS.
Tab 6	Security – Security Requirements - PGP File Encryption	Minor Clarification & Correction	Add language to address RSA algorithm used for key generation.
Tab 6	Checklist of Testing Steps – Client/Browser	Minor Clarification & Correction	Add language to address RSA algorithm used for key generation.
Tab 7	Informational Postings Web Site – Appendices - Informational Postings	R97102/R97120	Add illustrations.

1.4 November 15, 1999

The following table shows a summary of requests and interpretations resulting in modifications to the Electronic Delivery Mechanism Related Standards. For full text of these modifications, refer to the Final Actions for GISB Version 1.4 on NAESB’s home page.

Standard	Description	Request No.	Action
Tab 2	Introduction	R99036	Revise language to accommodate new/revised tabs in the manual.
Tab 3	Executive Summary	R99036	Revise language to accommodate EDI/EDM, EBB/EDM and FF/EDM, and to ensure that the text is consistent with existing standards.
Tab 4	Business Process and Practices	R99036	Revise language to accommodate EDI/EDM, EBB/EDM and FF/EDM, and to ensure that the text is consistent with existing standards.

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Standard	Description	Request No.	Action
Tab 4	Business Process and Practices	EII Related	Add language regarding EDM network connections and TCP communications.
0.1.1	General Principle	R97058B	Add principle regarding an 'entity'.
0.1.2	General Principle	R97058B	Add principle regarding unique entity common codes.
0.3.1	General Standard	R97058B	Add standard regarding level of entity common codes.
4.1.22	Principle	EII Related	Add principle regarding various levels of user response and inter-activity.
4.1.23	Principle	EII Related	Add principle regarding no limitation on back-end development technology or systems.
4.1.24	Principle	EII Related	Add principle regarding Web site navigational structure.
4.1.25	Principle	EII Related	Add principle regarding additional Informational Postings.
4.1.26	Principle	EII Related	Add principle regarding ease of user interaction on Customer Activities Web sites.
4.1.27	Principle	EII Related	Add principle regarding data elements for EDI and/or flat files.
4.1.28	Principle	EII Related	Add principle regarding functional screen layouts.
4.1.29	Principle	EII Related	Add principle regarding the Content Area.
4.1.30	Principle	EII Related	Add principle regarding data elements with default values.
4.1.31	Principle	EII Related	Add principle regarding a multi-phased implementation of "common look and feel".
4.1.32	Principle	EII Related	Add principle regarding derived data on Customer Activities Web sites.
4.1.33	Principle	EII Related	Add principle regarding elements used in EBB/EDM, EDI/EDM and FF/EDM.
4.1.34	Principle	EII Related	Add principle regarding content and usage of flat files.
4.1.35	Principle	EII Related	Add principle regarding the exchange of flat files.
4.1.36	Principle	EII Related	Add principle regarding redundant connections to the public Internet for GISB EDM Web sites.
4.1.37	Principle	EII Related	Add principle regarding minimization of outbound ports to be opened on the client-side firewall.
4.1.38	Principle	EII Related	Add principle regarding field lengths for FF/EDM.
4.2.7	Definition	EII Related	Revise definition for Navigational Area.
4.2.8	Definition	EII Related	Revise definition for Content Area.
4.2.9	Definition	EII Related	Add definition for Standard Client Configuration.
4.2.10	Definition	EII Related	Add definition for Customer Activities.
4.2.11	Definition	EII Related	Add definition for GISB EDI/EDM.

Standard	Description	Request No.	Action
4.2.12	Definition	EII Related	Add definition for GISB FF/EDM.
4.2.13	Definition	EII Related	Add definition for GISB EBB/EDM.
4.2.14	Definition	EII Related	Add definition for Header.
4.2.15	Definition	EII Related	Add definition for Detail.
4.2.16	Definition	EII Related	Add definition for Form.
4.2.17	Definition	EII Related	Add definition for Matrix.
4.2.18	Definition	EII Related	Add definition for Batch Flat File.
4.2.19	Definition	EII Related	Add definition for Interactive Flat File.
4.3.2	Standard	EII Related	Revise standard regarding time stamp.
4.3.8	Standard	EII Related	Revise standard regarding HTTP.
4.3.9	Standard	EII Related	Revise standard regarding time stamp.
4.3.28	Standard	EII Related	Revise standard to add subcategories for Notices.
4.3.29	Standard	EII Related	Revise standard for the labels of the subcategories that appear in GISB Standard 4.3.28.
4.3.34	Standard	EII Related	Revise standard regarding columns and data fields that would contain data not supported by the TSP.
4.3.36	Standard	EII Related	Add standard regarding use of Internet protocols for accessing all industry business functions.
4.3.37	Standard	EII Related	Add standard regarding use of Internet compatible common browser software.
4.3.38	Standard	EII Related	Add standard regarding access to industry Web sites.
4.3.39	Standard	EII Related	Add standard regarding implementation of current proprietary business function categories on EBBs.
4.3.40	Standard	EII Related	Add standard regarding use of standard navigation.
4.3.41	Standard	EII Related	Add standard regarding navigation through the industry Web site menus.
4.3.42	Standard	EII Related	Add standard specifying the categories and labels for Customer Activities Web sites.
4.3.43	Standard	EII Related	Add standard specifying the sub-categories and labels for the Nominations category.
4.3.44	Standard	EII Related	Add standard regarding the display of information from related EDI data sets.
4.3.45	Standard	EII Related	Add standard regarding display of code value descriptions.
4.3.46	Standard	EII Related	Add standard regarding identification of the TSP on the Customer Activities Web site.
4.3.47	Standard	EII Related	Add standard regarding corresponding data on Web pages and in EDI and flat files.
4.3.48	Standard	EII Related	Add standard display of totals on a Web page.

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Standard	Description	Request No.	Action
4.3.49	Standard	EII Related	Add standard regarding placement of navigation and processing functions on Customer Activities Web site.
4.3.50	Standard	EII Related	Add standard regarding navigation for input data lookups.
4.3.51	Standard	EII Related	Add standard regarding availability of GISB Common Codes on Customer Activities Web sites.
4.3.52	Standard	EII Related	Add standard regarding provision of new features via GISB EBB/EDM.
4.3.53	Standard	EII Related	Add standard regarding download of list of supported code values.
4.3.54	Standard	EII Related	Add standard specifying the abbreviations to be used for navigational links on Customer Activities Web sites.
4.3.55	Standard	EII Related	Add standard regarding inclusion of derivable data in EDI/EDM or FF/EDM standards.
4.3.56	Standard	EII Related	Add standard regarding use of common codes and their corresponding names for EDI/EDM, EBB/EDM and FF/EDM.
4.3.57	Standard	EII Related	Add standard regarding minimization of left to right scrolling on Customer Activities Web pages.
4.3.58	Standard	EII Related	Add standard regarding display of informational fields.
4.3.59	Standard	EII Related	Add standard regarding the "Technical Characteristics of the Client Workstation".
4.3.60	Standard	EII Related	Add standard regarding logon/password mechanism(s) for Customer Activities Web sites.
4.3.61	Standard	EII Related	Add standard regarding encryption for Customer Activities Web sites.
4.3.62	Standard	EII Related	Add standard regarding custom downloadable modules presented by a Customer Activities Web site.
4.3.63	Standard	EII Related	Add standard regarding placement of the Customer Activities link on the Informational Postings Web site.
4.3.64	Standard	EII Related	Add standard regarding private network connections to GISB EDM Web sites.
4.3.65	Standard	EII Related	Add standard regarding identification of the TSP on the Customer Activities Web site.
4.3.66	Standard	EII Related	Add standard regarding the Form and Matrix as separate Web pages.
4.3.67	Standard	EII Related	Add standard regarding provision of new services that do not utilize existing transaction sets.
4.3.68	Standard	EII Related	Add standard regarding display of information on Customer Activities Web sites that is not part of the data dictionary.

Standard	Description	Request No.	Action
4.3.69	Standard	EII Related	Add standard specifying the nomenclature to be used for processing functions on Customer Activities Web sites.
4.3.70	Standard	EII Related	Add standard regarding approved list of available TCP ports and UDP ports for EDM implementation.
4.3.71	Standard	EII Related	Add standard regarding inbound ports on the client-side firewall.
4.3.72	Standard	EII Related	Add standard regarding provision of alternate views on Customer Activities Web sites.
4.3.73	Standard	EII Related	Add standard regarding placement of data fields used to populate or control the population of other fields.
4.3.74	Standard	EII Related	Add standard regarding data group and ordering of data elements that have been submitted to GISB for standardization.
4.3.75	Standard	EII Related	Add standard specifying the sub-categories and labels for the Flowing Gas category.
4.3.76	Standard	EII Related	Add standard regarding the combining of the Form and the Matrix on a Customer Activities Web page.
4.3.77	Standard	EII Related	Add standard regarding the population of upstream and downstream information on a nomination.
4.3.78	Standard	EII Related	Add standard regarding population of the Form with data from the Matrix on a Customer Activities Web page.
4.3.79	Standard	EII Related	Add standard specifying the sub-categories and labels for the Invoicing category.
4.3.80	Standard	EII Related	Add standard regarding format of GISB FF/EDM flat files.
4.3.81	Standard	EII Related	Add standard regarding format of GISB FF/EDM flat files.
4.3.82	Standard	EII Related	Add standard regarding format of GISB FF/EDM flat files.
4.3.83	Standard	EII Related	Add standard regarding encryption for Flat File EDM.
4.3.84	Standard	EII Related	Add standard regarding HTTP Basic Authentication for access to Interactive Flat File EDM.
4.3.85	Standard	EII Related	Add standard specifying the sub-categories and labels for the Capacity Release category.
Tab 5	Related Standards	R98060	Add HTTP transaction-set Code Values table.
Tab 5	Related Standards	R97058B	Revise language regarding entity common codes.

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Standard	Description	Request No.	Action
Tab 6	Technical Implementation – Internet EDI/EDM & Batch FF/EDM	R99036 / EII Related	Revise text, tables, etc. to incorporate EII work product including: • Incorporate references to Batch FF/EDM. • Add Batch Flow Diagram. • Move 'Appendix A – Reference Guide' and 'Appendix B – Repudiation and Validation Examples' to Tab 10. • Delete 'Appendices – Informational Postings' (Appendices C – O). • Move 'Appendix P – Minimal and Suggested Technical Characteristics and Guidelines for the Developer and User of the Informational Postings Web Site' to Tab 10 (new Appendix C).
Tab 6	Technical Implementation – Internet EDI/EDM & Batch FF/EDM – Data Dictionary for Internet EDM	R98060	Revise 'transaction-set' data element.
Tab 6	Technical Implementation – Internet EDI/EDM & Batch FF/EDM -- Table A – Internet EDM Standard Error Codes and Messages	R97126	Add three error Validation Codes.
Tab 7	Technical Implementation – Informational Postings Web Site (IP/EDM)	R99036	Add new section to accommodate deletion of Appendices C – O for Informational Postings. Examples have been replaced with descriptive text.
Tab 8	Technical Implementation – EBB/EDM	R99036 / EII Related	Add new section to accommodate EII work product.
Tab 9	Technical Implementation – Interactive FF/EDM	R99036 / EII Related	Add new section to accommodate EII work product.
Tab 10	Appendices	R99036 / EII Related	Includes all appendices (Appendices A – D). Appendix D was added to incorporate EII work product.

1.5 August 13, 2001

The following table shows a summary of requests and interpretations resulting in modifications to the Electronic Delivery Mechanism Related Standards. For full text of these modifications, refer to the Final Actions for NAESB WGQ Version 1.5 on NAESB's home page.

Standard	Description	Request No.	Action

Standard	Description	Request No.	Action
4.1.5	Principle	R96022A	Deleted.
4.1.8	Principle	R96022A	Deleted.
4.2.20	Definition	R97104	Added.
4.3.77	Standard	R98085	Deleted.
4.3.86	Standard	R96022A	Added.
4.3.87	Standard	R97104	Added.
EDIINT/ AS2	Executive Summary, Business Process and Practices, and Technical Implementation – Internet EDI/EDM & Batch FF/EDM	R99035	Modified the Electronic Delivery Mechanism Implementation guide to support standards convergence with Internet Engineering Taskforce "HTTP Transport for secure EDI" (a.k.a. EDIINT standard AS2)
Tab 4	FTTF Guidelines	CR000503	Modified TCP Communications regarding specified TCP ports. Modified Security regarding PGP version.
Tab 5	Related Standards	R97064D R97064G	Modified HTTP transaction-set Code Values for NAESB WGQ Standards 1.4.1, 1.4.2, 1.4.3, 1.4.4, 1.4.5, 1.4.6 and 1.4.7.
Tab 6	Technical Implementation – Internet EDI/EDM & Batch FF/EDM --	R97064D	Modified transaction-set data element by changing G850NMST to G873NMST.
Tab 6	Technical Implementation – Internet EDI/EDM & Batch FF/EDM --	Minor correction submitted May 2, 2001	Replaced the references to uuencoding to base64-encoding.
Tab 8	FTTF Guidelines	CR000503	Modified Server Specifications regarding specified HTTP ports.
Tab 10	FTTF Guidelines	CR000503	Modified Appendix A regarding HTTP and HTML version.
Tab 10	FTTF Guidelines	CR000503	Modified Appendix C regarding minimum technical (11/15/1999) characteristics and guidelines for customer activity web site.
Tab 10	FTTF Guidelines	CR000503	Modified Appendix D regarding minimum technical (7/31/1998) characteristics and guidelines for the developer and user of the informational postings web site.

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1.6 July 31, 2002

The following table shows a summary of requests and interpretations resulting in modifications to the Electronic Delivery Mechanism Related Standards. For full text of these modifications, refer to the Final Actions for NAESB WGQ Version 1.6 on NAESB's home page.

Standard	Description	Request No.	Action
ALL	Name Change	n/a	Apply organizational name change from 'GISB' to 'NAESB' or 'NAESB WGQ' and from 'Gas Industry Standards Board' to 'North American Energy Standards Board' or 'North American Energy Standards Board Wholesale Gas Quardant' where applicable for clarity.
4.1.1	Principle	Sandia Report Recommendation	Principle deleted.
4.1.11	Principle	Sandia Report Recommendation	Principle deleted.
4.1.39	Principle	Sandia Report Recommendation	New Principle added.
4.3.4	Standard	Sandia Report Recommendation	Revise language of standard.
4.3.6	Standard	Sandia Report Recommendation	Revise language of standard.
4.3.8	Standard	Sandia Report Recommendation	Revise language of standard.
4.3.10	Standard	Sandia Report Recommendation	Revise language of standard.
4.3.15	Standard	Sandia Report Recommendation	Revise language of standard.
		R01016	Update standard to reflect use of PGP 2.6.2 compliant products.
4.3.21	Standard	EDM Order 637 Item	Revise the display of pipeline Informational Postings web sites to provide for placement/navigation of links for Planned Service Outages and Organizational Charts.
4.3.23	Standard	EDM Order 637 Item	Revise the display of pipeline Informational Postings web sites to provide for placement/navigation of links for Planned Service Outages and Organizational Charts.
4.3.61	Standard	Sandia Report Recommendation	Revise language of standard.
4.3.70	Standard	Sandia Report Recommendation	Revise language of standard.
4.3.83	Standard	Sandia Report Recommendation	Revise language of standard.
4.3.88	Standard	Sandia Report Recommendation	New Standard added.
Tab 3	Executive Summary	Sandia Report Recommendation	Various changes to reflect standard language changes.

Standard	Description	Request No.	Action
Tab 4	Business Process and Practices	Sandia Report Recommendation	Revise name of section
		R01016	Update text to reflect use of PGP 2.6.2 compliant products.
Tab 5	Related Standards	Sandia Report Recommendation	Revise language in 'Hypertext Transfer Protocol (HTTP)' subsection to reflect standard language changes.
Tab 6	Technical Implementation - Internet EDI/EDM & Batch FF/EDM	Sandia Report Recommendation	Revise language to reflect standard language changes.
		R01016	Update text to reflect use of PGP 2.6.2 compliant products.
		R01019	Add header data element 'Refnum' to EDI/EDM specification and corresponding error and warning codes.
Tab 9	Technical Implementation – Interactive FF/EDM	Sandia Report Recommendation	Revise language to reflect standard language changes.
Tab 10	Appendix A – Reference Guide	R01016	Update text to reflect use of PGP 2.6.2 compliant products.
		NAESB WGQ EDM Subcommittee	Update "Minimum Technical Characteristics" for NAESB Web Sites per instructions for annual review in NAESB WGQ Standard 4.3.59.
	Appendix B – Repudiation & Validation Examples	R01016	Update text to reflect use of PGP 2.6.2 compliant products.
		NAESB EDM WGQ Subcommittee	Update "Minimum Technical Characteristics" for NAESB Web Sites per instructions for annual review in Standard 4.3.59.
	Appendix C – Minimum Technical Characteristics for Customer Activities	NAESB EDM WGQ Subcommittee	Update "Minimum Technical Characteristics" for NAESB Web Sites per instructions for annual review in NAESB WGQ Standard 4.3.59.
	Appendix D - Minimum Technical Characteristics for Informational Postings	NAESB EDM WGQ Subcommittee	Update "Minimum Technical Characteristics" for NAESB Web Sites per instructions for annual review in NAESB WGQ Standard 4.3.59.
	Appendix E – Minimum Technical Characteristics for an EDM Server	Sandia Report Recommendation	Added new Appendix E to support standard language changes.
		NAESB EDM WGQ Subcommittee	Update "Minimum Technical Characteristics" for NAESB Web Sites per instructions for annual review in NAESB WGQ Standard 4.3.59.

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1.7 December 31, 2003

The following table shows a summary of requests and interpretations resulting in modifications to the Electronic Delivery Mechanism Related Standards. For full text of these modifications, refer to the Final Actions for NAESB WGQ Version 1.7 on NAESB's home page.

Standard	Description	Request No.	Action
4.1.14	Delete Standard	R03002	
4.3.1	Standard	R03002	Modify Standard
4.3.2	Standard	R03002	Modify Standard
7.3.50	Standard	C03001	Add Standard
Tab 2	Introduction	NAESB EDM WGQ Subcommittee	Update title of Appendix E
Tab 10	Appendix C – Minimum Technical Characteristics for Customer Activities	NAESB EDM WGQ Subcommittee	Update "Minimum Technical Characteristics" for NAESB Web Sites per instructions for annual review in NAESB WGQ Standard 4.3.59.
	Appendix D – Minimum Technical Characteristics for Informational Postings	NAESB EDM WGQ Subcommittee	Update "Minimum Technical Characteristics" for NAESB Web Sites per instructions for annual review in NAESB WGQ Standard 4.3.59.
	Appendix E – Minimum Technical Characteristics for a EDM Communications	NAESB EDM WGQ Subcommittee	Update "Minimum Technical Characteristics" for NAESB Web Sites per instructions for annual review in NAESB WGQ Standard 4.3.59.

Pending 1.8 Changes

Upon its publication, version 1.8 of the WGQ QEDM will reflect:

1. changes in the NAESB WGQ standards in response to the requirements of FERC Order 2004.
2. changes resulting from the creation of the NAESB Internet Electronic Transport.
3. changes reflecting the addition of Gas Quality information on the Informational Postings web sites.

INTRODUCTION

NAESB is a voluntary, non-profit organization comprised of members from all aspects of the energy industry. NAESB's mission is to take the lead in developing and implementing standards across the energy industry to simplify and expand electronic communication, and to streamline business practices. This will lead to a seamless North American energy marketplace, as recognized by its customers, the business community, industry participants and regulatory bodies.

NAESB standards are written as 'minimums'. A trading party may offer to 'exceed the minimum standard' by offering additional functions or features as options, but should not require their use. Such additional features or functions are termed "mutually agreed to" in that if both trading partners agree on the inclusion, the additional feature requirements will be met. However, if either trading party does not agree to the inclusion of additional features, then the partners must allow for transmission and receipt of data using the minimum standards. NAESB defines 'exceed the minimum standard' to mean surpassing the standards without negative impact on contracting and non-contracting parties

All of the standards have been adopted with the anticipation that as the industry evolves and uses the standards, additional and amended NAESB standards will be necessary. Any industry participant seeking additional or amended standards (including principles, definitions, standards, data elements, process descriptions, technical implementation instructions) should submit a request to the NAESB office, detailing the change, so that the appropriate process may take place to amend the standards.

TAB 1 Executive Summary
Provides a brief outline of this guide and the industry context for its use

TAB 2 Version Notes
Contains notes about the current version and a summary of changes from preceding versions

TAB 3 Introduction
Provides a background statement about NAESB's Mission and the design of this guide

TAB 4 Business Process & Practices
Provides an overview of business processes and NAESB WGQ approved principles, definitions and standards related to this guide

TAB 5 Related Standards
Provides an overview of related standards

TAB 6 Technical Implementation - Internet EDI/EDM and Batch FF/EDM
Provides quadrant specific information related to Internet EDI/EDM and Batch FF/EDM

TAB 7 Technical Implementation - Informational Postings Web Site
Provides an overview of the business processes for IP/EDM

TAB 8 Technical Implementation - EBB/EDM
Provides an overview of the business processes for EBB/EDM

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TAB 9 Technical Implementation - Interactive FF/EDM
Provides an overview of the business processes for Interactive FF/EDM

TAB 10 Appendices
Appendix A - Reference Guide
Appendix B - Minimum Technical Characteristics and Guidelines for the Developer and User of the Customer Activities Web Site
Appendix C - Minimal and Suggested Technical Characteristics and Guidelines for the Developer and User of the Informational Postings Web Site
Appendix D - Minimum Technical Characteristics for EDM Communications

BUSINESS PROCESS AND PRACTICES

A. Overview

Where Quadrant Electronic Delivery Mechanism (QEDM) Fits in Gas Industry Commerce

The scope of WGQ Quadrant EDM (QEDM) is the implementation of electronic commerce over the Internet in the wholesale gas industry using ANSI ASC X12 transactions (EDI/EDM), Informational Posting Web sites, Customer Activities Web sites (EBB/EDM), and flat file (FF/EDM) transactions. While these electronic commerce methods support many common gas industry transactions, each method has a unique format, data and technology requirements that serve a specific purpose in the wholesale gas marketplace.

The NAESB WGQ EDI/EDM standards define the file formats, data elements and transaction types used in transmitting ANSI ASC X12 transactions over the Internet. These standards have been in place since version 1.0 of the standards issued by the Gas Industry Standards Board (GISB), NAESB's predecessor organization.

In Version 1.1, GISB issued standards for the navigation and layout of Informational Posting Web sites. Informational Posting Web sites are publicly accessible Internet web sites that provide information about the business practices of jurisdictional facilities. Much of the information posted on Informational Postings Web sites is required by the Federal Energy Regulatory Commission ('the Commission').

In Version 1.4 of the GISB Standards, standards for EBB/EDM and FF/EDM were added. The EBB/EDM standards were prompted by the actions of the Commission. In Order No. 587-G, the Commission required jurisdictional facilities to conduct all business transactions using Internet communications to resolve the difficulties created by the proprietary Electronic Bulletin Boards (EBBs) and to provide shippers with a standardized method for doing business. In Order No. 587-I, the Commission recognized that "While shippers and pipelines did not object to the requirement that pipelines support the use of EDI, they contend that EDI should not be the exclusive means of communication and that some form of interactive approach is also necessary." The EBB/EDM approach was developed to satisfy two main issues: (1) EDI/EDM may only be cost-effective for those doing high volume transactions and (2) shippers did not want to lose the interactive functionality provided by EBBs. Further, the Commission stated in Order No. 587-I, that "[it] continues to favor an approach to communication in which shippers can either transact business using computer-to-computer file transfers or conduct business online in an interactive fashion, whichever approach best fits their needs."

The NAESB WGQ FF/EDM standards specify the exchange of comma-delimited files between trading partners across the Internet. FF/EDM can be accomplished in two ways: 1) a computer-to-computer, or "Batch FF/EDM" mode, similar to an EDI file transfer, or 2) by a human-to-computer exchange, using an interactive web browser. This latter method is referred to as Interactive FF/EDM.

The WGQ QEDM defines the various format, content and data requirements of these electronic commerce methods. Additionally, for Customer Activities Web sites, Informational Postings Web sites and Interactive FF/EDM methods, the WGQ QEDM also defines the electronic delivery

mechanism used. That is, the WGQ QEDM defines the protocols, security and transmission requirements for each electronic commerce method.

QEDM and the NAESB Internet Electronic Transport

The electronic delivery mechanism for EDI/EDM and Batch FF/EDM is defined by the NAESB Internet ET standard. The NAESB Internet ET is a multi-quadrant standard that specifies the protocols, security and transmission requirements for computer-to-computer transactions. Implementers of EDI/EDM and Batch FF/EDM should reference the NAESB Internet ET standards for transmission requirements.

Business Reasons for Using QEDM

Throughout the industry there are various systems within each company that process information related to scheduling, allocation, invoicing, etc. The use of standardized EDI transaction sets, common Web site navigation and layout, and uniform flat file data formats eliminates errors that result from manual processing, or processing complications of nonstandard electronic communications methods between trading partners.

As a result, a company that relies on computerized systems to conduct business transactions with several trading partners may process transactions more efficiently by implementing QEDM standards.

Additionally, by using the NAESB Internet ET for transmission, a single connection method can be utilized, eliminating the complexity of different connection methods for different trading partners.

Importance of the NAESB WGQ Trading Partner Agreement

The NAESB WGQ Trading Partner Agreement (TPA) provides a standardized contractual agreement to facilitate electronic exchange of documents between trading partners.

The TPA (WGQ Standard 6.3.3) specifies what functions are to be performed and by whom during an EDI/EDM or FF/EDM data exchange. In addition, the NAESB Internet ET specifies an optional Technical Exchange Worksheet that outlines basic communication information. The specifications in the TPA should be tested before production implementation.

Security

Though many decisions as to overall security measures are left to each trading partner and their environment, security standards have been created to ensure a minimum level of confidence in conducting business over the Internet and to provide some uniformity in the implementation of security. The security requirements include the current four primary security aspects:

- Data privacy: unauthorized parties cannot decipher the content of the data
- Data integrity: unauthorized parties cannot modify or corrupt the data
- Authentication: the receiver is certain of the identity of the sender
- Non-repudiation: the sender cannot deny ownership of the transaction if it was sent with his/her digital signature.

To prevent unwanted intruders from connecting to Web sites, basic authentication is required. Additional issues such as firewall security are discussed in the standards, but specific security implementation details should be addressed by each organization.

Concerns About Future Reliability of the Public Internet

The infrastructure of the Internet has proven to be dependable, however, industry participants should continue to monitor the Internet's viability as an infrastructure. The potential lack of transmission capacity, denial of service, malicious hacker attacks, worms, and viruses may limit the effectiveness of the Internet as a transmission mechanism. The effects of these limitations on the industry or the Internet as a whole are difficult to predict.

B. Implementation Options

The optimum QEDM implementation for an organization should be based on an assessment of specific needs and the resources available to that organization. Given the existence of in-house systems expertise, it may be possible to implement the QEDM technologies with little, if any, assistance. Alternately, other organizations may want to acquire commercially available software packages and/or obtain QEDM services from a third party. The implementation examples herein are not designed to be exhaustive.

In-house Implementation

For an in-house implementation, all parties are strongly encouraged to investigate the ramifications of introducing electronic commerce using the Internet. This includes ensuring that all customer data, internal data, and applications are secure from intruders or other unauthorized parties.

Participation in electronic commerce over the Internet involves hardware, software, and technical expertise including the development and maintenance of server applications to process incoming files or to format outbound files.

Using a Third Party

Third-party providers offer a variety of services, from "turn key" solutions to specialized technical assistance. Such assistance might include programming, system configuration and system administration as well as private communication links.

A combination of internal expertise and third-party services may be a desirable approach. A needs assessment should be completed to determine where third-party services are useful. For example, a company may have experience with Internet technology, but little experience with X12 translators.

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C. Quadrant Electronic Delivery Mechanism Related Standards

Principles:

4.1.1 [Deleted]

4.1.2 The WGQ Quadrant Electronic Delivery Mechanism does not pick winners, rather it should create an environment where the marketplace can dictate a winner or winners.

4.1.3 The solutions should be cost effective, simple and economical.

4.1.4 The solutions should provide for a seamless marketplace for natural gas.

4.1.5 [Deleted]

4.1.6 Data providers (Transportation Service Providers) should interface with third party vendors according to NAESB WGQ standards.

4.1.7 Electronic communications between parties should be done on a nondiscriminatory basis, whether through an agent or directly with any party.

4.1.8 [Deleted]

4.1.9 [Deleted]

4.1.10 There should be at least one standard (computer-to-computer exchange of transactional data) for data exchange format.

4.1.11 [Deleted]

4.1.12 Protocols and tools that parties elect to support should be “Internet-compatible”.

4.1.13 Regarding the request that EBBs need to provide the ability to create and print specialized reports, the data should be made available so as to permit the users of the information to download the data to be used in their applications.

4.1.14 [Deleted]

4.1.15 The North American Energy Standards Board Wholesale Gas Quadrant should not set standards for site-level security. Individual organization security standards should be relied upon.

4.1.16 Informational Postings Web Sites should be easy to locate.

4.1.17 Information within an Informational Postings Web Site should be easy to locate.

4.1.18 Information across Informational Postings Web Sites should be consistently displayed.

4.1.19 Information across Informational Postings Web Sites should be easy to download.

4.1.20 Display space for content on Web sites should be maximized.

4.1.21 On the Web sites, the use of scrolling, especially left to right, should be minimized.

4.1.22 Web site standards should not preclude various levels of user response and inter-activity. Minimum levels of user response or inter-activity should be developed.

4.1.23 Web site standards should not dictate or limit back-end development technology or systems. Industry Web sites should be accessible by a Standard Client Configuration.

4.1.24 A standardized Web site navigational structure should be developed to provide access to business functions. The hierarchical relationship, structure and order for navigation on the Web site should be established in a standardized manner.

4.1.25 [Deleted] related to Order 2004; as per the 5/6/2004 EC Meeting

4.1.26 Customer Activities Web sites should be designed for ease of user interaction.

4.1.27 There should generally be a one-to-one relationship between data elements used for EDI and/or flat files and the data displayed on Customer Activities Web pages.

4.1.28 Standard field name descriptors or abbreviations, and navigation and functional screen layouts should be used on all Customer Activities Web pages. There should be no standards for font size, colors, etc. Functional screen layouts should be developed as standards which would divide each transactional screen into separate areas and define which data elements belong in each specific area.

4.1.29 Information that is constant for the displayed Content Area may be placed in the page Header.

4.1.30 Data elements that have default values may be placed last to minimize scrolling.

4.1.31 As a general guideline, the initial phase of each business function category (of a multiple phase implementation) of “common look and feel” for Internet transactions that are not currently standardized should begin subsequent to the implementation of the currently standardized data sets to the Web. This does not preclude the implementation of new standardized data sets as they become available.

4.1.32 There is displayed information on Customer Activities Web sites which does not have a comparable data element in EDI; however, the data (e.g. totals, reports, calculations) is derived from other EDI data elements. Provision of such information does not require the development of an EDI data set to accomplish a one-to-one match. However, any Customer Activities Web function should be derivable from information available in EDI data sets.

4.1.33 When standardized, all elements used in standard EBB/EDM, EDI/EDM and FF/EDM should be defined in the related NAESB WGQ x.4.z standard.

4.1.34 For NAESB WGQ FF/EDM, the content and usage of flat files should reasonably correspond to the NAESB WGQ data sets used for NAESB WGQ EDI/EDM.

4.1.35 If NAESB WGQ FF/EDM is implemented, flat files should be exchanged via the NAESB WGQ EDI/EDM site or the Customer Activities Web site.

4.1.36 Trading partners should maintain redundant connections to the public Internet for NAESB WGQ EDM Web sites, which include all NAESB WGQ standardized Internet communication. These redundant connections should be topographically diverse (duality of) paths to minimize the probability of a single port of failure.

4.1.37 Transportation Service Provider EDM implementations should minimize the number of outbound ports required to be opened on the client-side firewall.

4.1.38 Until such time as NAESB WGQ standardizes field lengths for data elements, data element
field lengths for FF/EDM should not exceed the corresponding field lengths defined for EDI/EDM as defined in the ANSI ASC X12 version in the NAESB WGQ implementation guide in which the NAESB WGQ data element was adopted.

4.1.39 Trading Partners should mutually select and utilize a version of the NAESB WGQ EDM standards under which to operate, unless specified otherwise by government agencies. Trading Partners should also mutually agree to adopt later versions of the NAESB WGQ EDM standards, as needed, again unless specified otherwise by government agencies.

4.1.p1 For any location(s), the Transportation Service Provider (TSP) may, at its discretion, elect to provide gas quality information in addition to that specified in NAESB WGQ Standard No. [S2]. The TSP may choose how to provide the information.

Definitions

4.2.1 "Informational Postings" is the term that identifies common information as specified in WGQ Standard 4.3.23. (Per Order 2004; Changed during the 5/6/2004 EC Meeting)

4.2.2 "Download" is the term used to describe the retrieval of information from a Web site in a format suitable for storage.

4.2.3 "Display" is the term used to describe the typical visual presentation derived by a browser as a result of retrieval of information from a given URL.

4.2.4 "Printing" is the term used to describe the typical printed layout derived when a document is printed from a display tool (browser, word processor, etc.).

4.2.5 "Site Map" is the term used to describe a Web page of URL links, which resembles a table of contents or directory tree structure, of categories and subcategories of information.

4.2.6 "Central Address Repository" (CAR) is the term used to describe: 1) the Web site providing links to all Transportation Service Providers' Informational Postings, and 2) the entity administering and maintaining the above Web site and repository.

4.2.7 "Navigational Area" is the term used to describe the area on the left side of the browser display providing links to the Content Area and other navigational links. Navigational Area is not required to be displayed on Customer Activities Web pages where data entry, reporting or inquiry are displayed.

4.2.8 "Content Area" is the term used to describe the area directly to the right of the Navigational Area of the browser display. When the Navigational Area is not displayed the entire browser display is content area.

4.2.9 “Standard Client Configuration” is the term used to describe the configuration that allows simultaneous access to multiple industry Web sites.

4.2.10 “Customer Activities” is the term used to refer to the business function categories relating to Nominations, Flowing Gas, Invoicing, Capacity Release, Contracts and other business functions on industry Web sites.

4.2.11 “NAESB WGQ EDI/EDM” is the term used to describe ANSI ASC X12 computer-to-computer electronic data interchange of information in files as mapped from the x.4.z NAESB WGQ standards in the NAESB WGQ Implementation Guides and communicated between trading partners over the Internet using the NAESB Internet Electronic Transport.

4.2.12 “NAESB WGQ FF/EDM” is the term used to describe a standardized flat file electronic data interchange of information in files as mapped from the x.4.z NAESB WGQ standards. NAESB WGQ FF/EDM is communicated between trading partners over the Internet using the NAESB Internet Electronic Transport.

4.2.13 “NAESB WGQ EBB/EDM” is the term used to describe the NAESB WGQ standardized electronic interchange of information for Customer Activities Internet Web site presentations.

4.2.14 “Header” is the term used to describe the area at the top of the Content Area of the browser display.

4.2.15 “Detail” is the term used to describe the area directly below the Header in the Content Area of the browser display.

4.2.16 “Form” is the term used to describe the portion of the Content Area of the browser display on Customer Activities Web sites used for single transaction entry or display as well as, optionally, data selection. The Form should be either in the upper portion of the Content Area or, alternatively, a single page linked to the Matrix.

4.2.17 “Matrix” is the term used to describe the portion of the Content Area of the browser display on the Customer Activities Web sites used to display selected data entered on the Form and, when appropriate, for data entry. The Matrix should be either the lower portion of the Content Area (that area below the Form) or, alternatively, a single page linked to the Form.

4.2.18 “Batch Flat File” is the term used within NAESB WGQ FF/EDM to describe the automated computer-to-computer transfer of flat files.

4.2.19 “Interactive Flat File” is the term used within NAESB WGQ FF/EDM to describe the transfer of flat files using an interactive browser.

4.2.20 Testing data sets between trading partners includes testing of:

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1. intended business results,
2. Internet ET, and
3. related EDI/EDM and, where supported, FF/EDM implementation issues.

Testing should include enveloping, security, data validity, and standards compliance (e.g. ANSI X12 and NAESB WGQ QEDM Related Standards).

Standards

4.3.1 All parties sending and receiving data should accept a TCP/IP connection. At a minimum, sending and receiving parties should designate an Internet address for the receipt and delivery of NAESB WGQ standardized data sets.

4.3.2 On time stamping, data leaves control of the originator by the same time (deadline), regardless of mechanism (3rd party service provider time stamp is acceptable) and 15 minutes of communication time should be available to allow accumulation of all transactions to the pipeline.

4.3.3 Originating party is any system originating/creating the document reflecting the transaction to be submitted (this could also include a third-party service provider or a transportation service provider's EBB). Within the 15-minute window the transaction should be received by the receiving party. Errors in transmission shall be governed by the terms and conditions of the trading partner agreement between the parties. The receiving party may also waive the 15-minute window requirement at its own discretion.

4.3.4 Trading partners should retain transactional data for at least 24 months for audit purposes.

This data retention requirement only applies to the ability to recover or regenerate electronic records for a period of two years and does not otherwise modify statutory, regulatory, or contractual record retention requirements.

4.3.5 Documents that are made available on the Transportation Service Provider's Web site should be downloadable on demand in a NAESB WGQ specified electronic structure.

4.3.6 (Deleted; related to Order 2004; WGQ EC 040506)

4.3.7 Moved to Internet ET standard [10].3.3.

4.3.8 Moved to Internet ET standard [10].3.4.

4.3.9 Moved to Internet ET standard [10].3.5-7.

4.3.10 Moved and modified as Internet ET standard [10].3.8.

4.3.11 Moved and modified as Internet ET standard [10].3.9.

4.3.12 Moved to Internet ET standard [10].3.10.

4.3.13 Moved and modified as Internet ET standard [10].3.11.

4.3.14 Moved and modified as Internet ET standard [10].3.14.

4.3.15 Moved and modified as Internet ET standard [10].3.15.

4.3.16 On the Informational Postings Web site, the Index of Customers document may be displayed in RTF format or in other formats that comply with the Browser Capabilities as specified in Appendix D of the NAESB WGQ Electronic Delivery Mechanism Related Standards. It should also be downloadable in a defined, tab-delimited ASCII text file, with provisions for title information and footnote capability, as set forth in Code of Federal Regulations Part 284, Section 223. (Reference Order Number 637, Docket No. RM98-10-000, issued February 9, 2000, "Appendix A, Instruction Manual for Electronic Filing of the Index of Customers" issued pursuant to the above referenced order.)

4.3.17 "Informational Postings" should be the label used for navigation to or within the Web site.

4.3.18 Transportation Service Providers should provide and keep current to the Central Address Repository the addresses (URLs) for the Informational Postings Web site.

4.3.19 The Central Address Repository should make available a consolidated repository of the Transportation Service Providers' current URLs listed in NAESB WGQ Standard 4.3.18 in two ways:
1) a vehicle to link to sites and categories, and
2) a downloadable list.

4.3.20 A user ID or password should not be required to access the Central Address Repository or the Transportation Service Provider's Informational Postings Web Site.

4.3.21 (Deleted; related to Order 2004; WGQ EC 040506)

4.3.22 The following navigational links should appear last in the Navigational Area and be labeled as follows:
Downloads
Search
Site Map

4.3.23 Transportation Service Providers should establish an Informational Postings Web site accessible via the Internet. The subcategories and labels for the categories of Informational Postings should be as follows:

CATEGORIES	**SUBCATEGORIES**
Capacity	Operationally Available
	Unsubscribed
Energy Affiliate Info	Capacity Allocation Log (when applicable)
	Employee Transfers
	Names and Addresses
	Potential Mergers
	Shared Facilities
Gas Quality	
Index of Customers	
Non-discrimination Rqts	Discounts
	Emergency Deviations
	Implementation Procedures
	Information Disclosure

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	Tariff Discretionary Actions
Notices	Critical
	Non-Critical
	Planned Outage Service
Organizational Charts	
Posted Imbalances	
Tariff	Title Page
	Table of Contents
	Preliminary Statement
	Map
	Currently Effective Rates
	Rate Schedules
	General Terms and Conditions
	Form of Service Agreement
	Entire Tariff
	Sheet Index
Transactional Reporting	

These categories and labels should appear in the order specified above and before any others.

4.3.24 The Transportation Service Provider's Informational Postings Web Site should include the name, nickname, or name abbreviation of the Transportation Service Provider so that it will appear first in the browser title bar. Content Area documents should have a similar name when printed.

4.3.25 The Site Map should be provided in the Content Area and should include links to all levels of categories described in NAESB WGQ Standard 4.3.23. Each level of category and subcategory should be indented to show its relationship and should be presented in text form to best utilize space.

4.3.26 Transportation Service Providers should provide search capability for a word or phrase within the text, headers, and footers of the entire tariff and within any of the following tariff subcategories: 1) Rate Schedules, 2) General Terms and Conditions, and 3) Form of Service Agreement. The results of the search should provide a list of links to the pages containing the word or phrase. "Search" should appear as a link and be labeled as such, appearing immediately above the Site Map link.

4.3.27 The "Notices" category (as shown in the Navigational Area) should expand to a list of subcategories (in the Navigational Area) when clicked; there are no display requirements for the Content Area. Each of these subcategories, when clicked, should display a list of notices for that subcategory in the Content Area.

4.3.28 For the subcategories of Notices, the first column headings in the Content Area should be Notice Type, Posted Date/Time, Notice Effective Date/Time (and Notice End Date/Time, when applicable), Notice Identifier (optional*), Subject and Response Date/Time, when applicable, with the list sorted in reverse chronological order by Posted Date/Time.
* When used as a reference, the Notice Identifier should be displayed.

4.3.29 The words or labels that should appear in the "Notice Type" column in NAESB WGQ Standard 4.3.28 should be:

Words	**Labels**
Capacity Constraint	Cap. Constraint
Capacity Discount	Cap. Discount
Curtailment	Curtailment
Force Majeure	Force Majeure
Intraday Bump	Bump
Maintenance	Maintenance
Operational Flow Order	OFO
Phone List	Phone List
Press Release, Company News	News
Other	Other

4.3.30 The links to categories of Informational Postings should be displayed vertically on the left (Navigational Area) of the screen at all times.

4.3.31 With regard to Informational Postings, when using abbreviations to display column and field names, the following abbreviations should be used:

Available	Avail
Capacity	Cap
Date/Time	D/T
Description	Desc
Effective	Eff
Location	Loc
Quantity	Qty
Maximum Daily Quantity	MDQ
Maximum Storage Quantity	MSQ

4.3.32 Each line of the Table of Contents of the Tariff should provide a link to a corresponding sheet by clicking on the sheet number shown. The subcategories Currently Effective Rates, Rate Schedules, General Terms and Conditions, and Form of Service Agreement should provide either a table of contents or a similar breakdown, when applicable, and a link function to a corresponding sheet. For example, if General Terms and Conditions has a separate table of contents, it should provide corresponding links.

4.3.33 For Tariff documents, "previous" and "next" links should be displayed at the top of each HTML document. If the "previous" and "next" links may scroll off the display, they should also be provided at the bottom of the HTML document.

4.3.34 Columns and data fields that would contain data not supported by the Transportation Service Provider should be eliminated on display and/or entry, and left empty on download.

4.3.35 For the “Index of Customers”, the column headings for the web site display for the “Index of Customers” should be displayed in the order provided for in reference Order No. 637, Docket No. RM98-10-000, issued February 9, 2000, “Appendix A, Instruction Manual for Electronic Filing of the Index of Customers” issued June 29, 2000, pursuant to the above referenced order, for those fields identified as “detail fields”. In addition, the other “Index of Customers” information not included in the columnar display should be accessible from the columnar display.

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4.3.36 Internet protocols should be used for accessing all industry business functions.

4.3.37 Moved and modified as Internet ET standard [10].3.20.

4.3.38 Industry Web sites should be accessible via the public Internet using common browser software.

4.3.39 Each implementation of a current proprietary business function category on EBBs should remain available until such time as that business function category is tested and implemented via a Customer Activities Web site.

4.3.40 Standard navigation should be used to access all business functions on industry Web sites.

4.3.41 Navigation through the industry Web site menus should be consistent for location and technique.

4.3.42 The categories and the labels for Customer Activities Web sites should appear, if applicable, in the Navigational Area as follows:

Nominations
Flowing Gas
Invoicing
Capacity Release
Contracts
Informational Postings
Site Map

Links supporting Mutually Agreeable categories should precede Informational Postings

4.3.43 The sub-categories and the labels for the category of Nominations should appear, if applicable, in the Navigational Area as follows:

Nomination
Confirmation
Scheduled Quantity

Links supporting additional sub-categories will follow these links. This does not preclude a further breakdown within each sub-category from being listed in the Navigational Area.

4.3.44 A Customer Activities Web page may display information (data elements and code values) from multiple functionally related NAESB WGQ EDI data sets (i.e. nominated quantities and scheduled quantities may appear on the same Web screen).

4.3.45 NAESB WGQ standard code value descriptions should be displayed for code values where appropriate.

4.3.46 The Customer Activities Web Site should include the name, nickname, or name abbreviation of the Transportation Service Provider in the browser title bar. The name of the business function should be displayed in the Header.

4.3.47 Where they exist for the same business function, flat files and EDI should use the same nomenclature for data set names, data element names, code values and/or code value descriptions, abbreviations and message text. Corresponding Web pages should use data set names, data element names, code value descriptions, abbreviations and message text that correspond to those used in flat files and EDI, where they exist.

4.3.48 Totals, when appropriate, should be displayed within the Content Area of the Web page in a manner which distinguishes them from the data.

4.3.49 Where navigation and/or processing functions exist for a Customer Activity, the Content Area should contain navigation in the Header on the left and processing functions in the Header on the right.

4.3.50 Navigation for input data lookups, if provided, should be placed near the field being looked up. Navigation for informational lookups, if provided, should be included in the Header.

4.3.51 NAESB WGQ Common Codes for entity and location should be available for data validation or selection (viewing) on a Customer Activities Web site and in a standardized downloadable format for use by customers and third party service providers. Cross-references to proprietary codes may be provided on a mutually agreeable basis.

4.3.52 A Transportation Service Provider (TSP) which determines to provide new features utilizing existing transaction sets via NAESB WGQ EBB/EDM, for each transaction upon inception of support for such service, should:

- If NAESB WGQ EDI/EDM or FF/EDM standards exist for the transaction set, provide the service via NAESB WGQ EDI/EDM, or FF/EDM or both, utilizing modifications defined by the TSP to the existing file structures;

and,

- Submit a request for modification or enhancement of the transaction set to NAESB WGQ including details of the interim EBB/EDM, EDI/EDM and/or FF/EDM implementation.

4.3.53 Where a Transportation Service Provider (TSP) utilizes a subset of available NAESB WGQ code values for specific data elements for inbound documents to the TSP, the TSP should make available a list of the supported code values in a download utilizing a NAESB WGQ electronic format.

4.3.54 With regard to the navigational links on Customer Activities Web sites, when using abbreviations, the following should be used:

Full Name	Abbreviation
Customer Activities	**Customer Activities**
Nominations	Nominations
Flowing Gas	Flowing Gas
Invoicing	Invoicing
Capacity Release	Capacity Release
Contracts	Contracts
Informational Postings	Info Postings
Site Maps	Site Maps
Nomination Area	**Nominations**
Nomination	Nom
Nomination Quick Response	Nom QR

Request for Confirmation	Req for Conf
Confirmation Response	Conf Resp
Confirmation Response Quick Response	Conf Resp QR
Scheduled Quantity	Sched Qty
Scheduled Quantity for Operator	Sched Qty Oper
Flowing Gas Area	**Flowing Gas**
Pre-determined Allocation	PDA
Pre-determined Allocation Quick Response	PDA QR
Allocation	Allocation
Shipper Imbalance	Shipper Imbal
Measurement Information	Meas Info
Measured Volume Audit Statement	Meas Vol Audit
Authorization to Post Imbalances	Auth to Post Imbal
Posted Imbalances Download Post	Imbal Dwnld
Request for Imbalance Trade	Req for Imbal Trd
Request for Imbalance Trade Quick Response	Req for Imbal Trd QR
Withdrawal of Request for Imbalance Trade	W/D of Req for Imbal Trd
Request for Confirmation of Imbalance Trade	Req for Conf of Imbal Trd
Imbalance Trade Confirmation	Imbal Trd Conf
Imbalance Trade Notification	Imbal Trd Notify
Invoicing Area	**Invoicing**
Invoice	Invoice
Service Requester Level Charge/Allowance Invoice	Svc Req Invc
Payment Remittance	Pmt Remit
Statement of Account	Stmt of Acct
Capacity Release Area	**Capacity Release**
Offers	Offers
Bids	Bids
Awards	Awards
Contracts Area	**Contracts**

4.3.55 Where display information on a Customer Activities Web site is derivable from data provided in a previous upload or download, the information should not be included in the EDI/EDM standards [or FF/EDM standard, for later consideration] that directly correspond to the EBB/EDM Web page being displayed.

4.3.56 The industry should use common codes for location points and legal entities when communicating via EDI/EDM, EBB/EDM and/or FF/EDM. The corresponding common code name should also be used in EBB/EDM.

4.3.57 Customer Activities Web pages should support entry of the maximum length for valid data, however, display can be done in a manner to minimize left to right scrolling.

4.3.58 On Customer Activities Web pages, informational display fields can be displayed with related data.

4.3.59 Providers of Customer Activities Web sites should ensure that the site operates within the guidelines of the "Technical Characteristics of the Client Workstation" described in the Appendix of the Electronic Delivery Mechanism Related Standards Manual. This appendix, listing examples of hardware and software configurations that providers should meet, should be reviewed and updated by the Future Technology Task Force, at a minimum, by the spring of each year and presented to the NAESB WGQ Executive Committee for adoption by the June meeting of that committee.

4.3.60 Access to the Customer Activities Web Site should be protected by HTTP Basic Authentication or similar logon/password mechanism(s). A Customer Activities Web site should typically require a single logon/password pair for each user session.

4.3.61 Data communications for Customer Activities Web sites should utilize 128-bit Secure Sockets Layer (SSL) encryption.

4.3.62 Custom downloadable modules presented by a Customer Activities Web site should be signed by the author. The signatures on these modules should be communicated in advance to Web site users.

4.3.63 (Deleted; related to Order 2004; WGQ EC 040506)

4.3.64 Moved and modified as Internet ET standard [10].3.22.

4.3.65 The Transportation Service Provider's Customer Activities Web Site should include the name, nickname, or name abbreviation of the parent company and/or Transportation Service Provider so that it will appear first in the browser title bar.

4.3.66 When the Form and the Matrix for Customer Activities Web sites are separate Web pages, a subset of the Form may be included by the Transportation Service Provider in the upper Content Area of the Matrix page.

4.3.67 A Transportation Service Provider which determines to provide new services which do not utilize existing transaction sets via NAESB WGQ EBB/EDM, should, prior to implementation, submit a request for standardization to NAESB WGQ including descriptions of the EBB/EDM, EDI/EDM and, as applicable, FF/EDM implementation.

4.3.68 On Customer Activities Web sites, information which is not part of the data dictionary may be displayed.

4.3.69 On Customer Activities Web sites, the following standard nomenclature should be used for processing functions, when the associated function is supported by the Transportation Service Provider (TSP). TSPs may also support additional processing functions.

Processing Function	Nomenclature
Create a new line item for data entry in the Matrix.	New
Copy existing data on a screen or window.	Copy
Delete the current line item from the Matrix, the screen or the window prior to Submit.	Delete

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Back out of a screen or window without executing the process, which will cause the loss of all updates since the last Submit.	Cancel
Print application data.	Print
Send record/records from the Matrix to the TSP for processing.	Submit
Sort displayed records based on specified criteria.	Sort
Retrieve information from the TSP based on specified criteria.	Retrieve
Post a line item from the Form to the Matrix as a change to the current line item in the Matrix prior to Submit.	Change
Clear fields on the Form.	Clear
Post a line item from the Form to the Matrix as a new record.	Add
Provide information regarding the current page or function.	Help
Filter displayed records based on specified criteria.	Filter

4.3.70 Moved and modified as Internet ET standard [10].3.23.

4.3.71 Moved and modified as Internet ET standard [10].3.24.

4.3.72 Providers of Customer Activities Web sites, at their discretion, may provide alternate views to data and transactions in addition to the NAESB WGQ basic views (industry common views). The alternate views should not replace NAESB WGQ basic views and should be offered as separate views, if available. If an alternate view is offered, the NAESB WGQ basic view should be the default view and clearly labeled as the NAESB WGQ basic view. Any alternate views must offer the same business result as the basic view and be accessible to all applicable users. The basic views must offer the same business result as the alternate views and be accessible to all applicable users.

4.3.73 Data fields used to populate or control population of other fields can be placed before the fields to be populated. If these data elements apply to the entire Content Area they can appear in the Header. If the Transportation Service Provider elects to place such data fields in an order outside of the standardized order, the labels for these data fields should be distinguishable through visual cues from the labels of data elements in the standardized order.

4.3.74 Each data element which has been submitted for standardization in the NAESB WGQ process should follow the NAESB WGQ ordered data elements on the Form within a data group selected by the Transportation Service Provider.

4.3.75 The sub-categories and the labels for the category of Flowing Gas should appear, if applicable, in the Navigational Area as follows:

Pre-determined Allocation
Allocation
Imbalance

Measurement

Links supporting additional sub-categories will follow these links. This does not preclude a further breakdown within each sub-category from being listed in the Navigational Area.

4.3.76 On a Customer Activities Web page, where the Form and the Matrix are combined, any data groupings and ordering for the corresponding Form should apply.

4.3.77 [Deleted]

4.3.78 When a Form and a Matrix exist for a Customer Activities Web page, a mechanism should exist to populate the Form with data from a selected item in the Matrix.

4.3.79 The sub-categories and the labels for the category of Invoicing should appear, if applicable, in the Navigational Area as follows:

Invoice
Payment Remittance
Statement of Account

Links supporting additional sub-categories will follow these links. This does not preclude a further breakdown within each sub-category from being listed in the Navigational Area.

4.3.80 NAESB WGQ FF/EDM flat files should be formatted as ASCII comma separated value (CSV) files. This means:

Rows are separated by a carriage return/line feed (CRLF).
Fields are separated by commas.
When a field contains a comma, the field should be enclosed by double-quotes.
Double-quotes should not be used within any data field.
When numeric data is negative, the minus sign should precede the number.
When numeric data contains decimal precision, the decimal point should be included within the field.
When numeric data contains one or more significant leading zeros, these zeros should be preserved in the flat file.
Date fields should be formatted as YYYYMMDD.
Time fields should be specified in a 24 hour format, formatted as HH:MM or HH:MM:SS, as applicable.
Date/Time fields should be formatted as YYYYMMDD HH:MM or YYYYMMDD HH:MM:SS when date and time are expressed in one NAESB WGQ data element. Note that there should be exactly one space between the day (DD) and the hour (HH).
The maximum amount of data to be placed in a field should be limited to 256 characters.
When a field contains no data, the empty field should result in two delimiters next to each other. Note that there should be no blank spaces between the delimiters.

4.3.81 For a NAESB WGQ FF/EDM flat file, the first row of the file should be comprised of the standard abbreviations for NAESB WGQ data elements, including any additional data elements added per NAESB WGQ Standard No. 4.3.52, in the order in which the corresponding data is to appear in all subsequent rows. The data element order is at the option of the sender. If a data element abbreviation is not recognized, the entire flat file should be rejected.

4.3.82 For NAESB WGQ FF/EDM flat files, each transaction (e.g. nomination) should be contained in a single row.

4.3.83 For Interactive Flat File EDM, 128-bit Secure Sockets Layer (SSL) encryption should be used.

4.3.84 Access to Interactive Flat File EDM should be protected by HTTP Basic Authentication.

4.3.85 The sub-categories and the labels for the category of Capacity Release should appear, if applicable, in the Navigational Area as follows:

Offers
Bids
Awards

Links supporting Mutually Agreeable sub-categories will follow these links. This does not preclude a further breakdown of sub-sub-categories within each sub-category from being listed in the Navigational Area.

4.3.86 To the extent that multiple electronic delivery mechanisms are used, the same business result should occur.

4.3.87 When the receiver of:

1) a Nomination,
2) a Pre-determined Allocation, or,
3) a Request for Confirmation

has determined to change the business rule(s) it will apply to the processing of (and/or response to) one or more of these documents; or, when the sender of:

1) a Confirmation Response (solicited and unsolicited),
2) a Scheduled Quantity,
3) a Scheduled Quantity for Operator,
4) an Allocation,
5) a Shipper Imbalance, or,
6) an Invoice

has determined to change the business rule(s) it will apply to the generating of (and/or content within) one or more of these documents, then it should notify its trading partners of same at least two weeks in advance of the change(s). The notification should include identification of the data element(s) that are changing (or whose content is changing), the intended business result of such change(s) in the business rule(s), and the effective date of such change(s).

For the purposes of this standard, a business rule change is any change in:

a) the presence and/or the acceptable content of a data element which is received by the trading partner sending notice;
b) a new business response to an accepted data element which is received by the trading partner sending notice;
c) a new business response to the acceptable content of a data element which is received by the trading partner sending notice; or,
d) a new intended business result to be communicated to a receiver by the trading partner sending notice;

Absent mutual agreement between the affected trading partners to the contrary, trading partners notifying their sending or receiving trading partners of a change(s) under this

standard should provide the means to test such change(s) during at least a two week time period prior to the effective date of the change(s).

Trading partners receiving notice of such change(s) from their trading partner should be prepared not to implement such change(s) even after testing has been completed, as the notifying trading partner is permitted to cancel or postpone such change(s). Notifying trading partners canceling or postponing the effective date of change(s) should provide affected trading partners with notice of cancellation or postponement at least one business day prior to the applicable effective date.

4.3.88 Moved and modified as Internet ET standard [10].3.25.

4.3.s1 A Transportation Service Provider (TSP) should provide on its Informational Postings Web Site a link to the natural gas quality tariff provisions (or where no tariff exists in the general terms and conditions) or a simple reference guide to such information.

4.3.s2 The Transportation Service Provider (TSP) should provide on its Informational Postings Web Site daily average gas quality information for prior gas day(s), to the extent available, for location(s) that are representative of mainline gas flow. The information available for the identified location(s) should be provided in a downloadable format. Information should be reported in units as specified in the tariff or general terms and conditions. In any event, compliance with gas quality requirements is in accordance with the TSP's tariff or general terms and conditions.

The following are examples of gas quality attributes that could be included in the posting for the applicable Gas Day(s) and location(s):

- Heating Value
- Hydrocarbon Components, % of C1 – Cnn, as used in determining Heating Value
- Specific Gravity
- Water
- Nitrogen
- Carbon Dioxide
- Oxygen
- Hydrogen
- Helium
- Total Sulfur
- Hydrogen Sulfide
- Carbonyl Sulfide
- Mercaptans
- Mercury and/or any other contaminants being measured
- Other pertinent gas quality information that is specified in the TSP's tariff or the general terms and conditions.

4.3.s3 Data provided pursuant to NAESB WGQ Standard No. [S2] should be made available on the Transportation Service Provider's Web Site for the most recent three-month period. Beyond the initial three-month period, the historical data should be made available offline in accordance with regulatory requirements.

4.3.s4 Data provided pursuant to NAESB WGQ Standard No. [S2] should be provided in a

tabular downloadable file to be described by the Transportation Service Provider. The first row of the file should contain the column headers.

Interpretations:

NAESB WGQ has adopted the following interpretations of standards that relate to Electronic Delivery Mechanism Related Standards implementation:

7.3.24 Does the language of NAESB WGQ Standards 2.3.14, 2.3.26, 3.3.15 and 4.3.4 mean that contractual audit rights are excluded from the six-month time limitation and that no statement adjustments can be made after the six-month period? In addition, is NAESB WGQ recommending that audit rights be excluded from contracts or otherwise limited in contracts to a six-month period? Interpretation:
Audit rights, to the extent they exist in a contract are contractual rights within the meaning of NAESB WGQ Standards 2.3.14, 2.3.26, 3.3.15, and 4.3.4. Further, the NAESB WGQ standards make no finding or recommendation with respect to the advisability of including or excluding audit rights, specifying audit timing or specifying the timing of subsequent audit corrections in a contract.

7.3.35 According to NAESB WGQ Standard 4.3.23, notices are now supposed to be posted on the Transportation Service Providers' (TSP) Web pages. Does this mean that a TSP is not required to provide any alternative form of communication for notices such as telephone or fax, particularly for those notices issued outside of business hours and on weekends?
According to NAESB WGQ Standard 4.3.23, notices (critical notices, operation notices, system wide notices, etc.) are supposed to be posted on the Transportation Service Providers' (TSP) Web pages. Does this mean that a TSP is not required to provide any alternative form of communication for these specified notices?

Interpretation:
NAESB WGQ Standard 4.3.23 does not specify any alternative means of notification aside from the Web page nor does it specify that the only means of notification is by means of the Web page. Alternative means of notification for particular information may be required by regulation, tariff or other NAESB WGQ standards. For example notices pertaining to system wide events of both a critical and non-critical nature (NAESB WGQ Standard 5.3.18) are implemented via both downloads (NAESB WGQ Standard 5.4.16) and the Web pages (NAESB WGQ Standard 4.3.23).

7.3.50 Moved to Internet ET.

D. Quadrant Electronic Delivery Mechanism Related Standards by Function

This section restates the Principles, Definitions, Standards, and Interpretations shown in Section C, but regroups them by function.

General QEDM Related:

4.1.2 The WGQ Quadrant Electronic Delivery Mechanism does not pick winners, rather it should create an environment where the marketplace can dictate a winner or winners.

4.1.3 The solutions should be cost effective, simple and economical.

4.1.4 The solutions should provide for a seamless marketplace for natural gas.

4.1.6 Data providers (Transportation Service Providers) should interface with third party vendors according to NAESB WGQ standards.

4.1.7 Electronic communications between parties should be done on a nondiscriminatory basis, whether through an agent or directly with any party.

4.1.10 There should be at least one standard (computer-to-computer exchange of transactional data) for data exchange format.

4.1.12 Protocols and tools that parties elect to support should be “Internet-compatible”.

4.1.p1 For any location(s), the Transportation Service Provider (TSP) may, at its discretion, elect to provide gas quality information in addition to that specified in NAESB WGQ Standard No. [S2]. The TSP may choose how to provide the information.

4.2.20 Testing data sets between trading partners includes testing of:
1. intended business results,
2. Internet ET, and
3. related EDI/EDM and, where supported, FF/EDM implementation issues.

Testing should include enveloping, security, data validity, and standards compliance (e.g. ANSI X12 and NAESB WGQ QEDM Related Standards).

4.3.1 All parties sending and receiving data should accept a TCP/IP connection. At a minimum, sending and receiving parties should designate an Internet address for the receipt and delivery of NAESB WGQ standardized data sets.

4.3.2 On time stamping, data leaves control of the originator by the same time (deadline), regardless of mechanism (3rd party service provider time stamp is acceptable) and 15 minutes of communication time should be available to allow accumulation of all transactions to the pipeline.

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4.3.3 Originating party is any system originating/creating the document reflecting the transaction to be submitted (this could also include a third-party service provider or a transportation service provider's EBB). Within the 15-minute window the transaction should be received by the receiving party. Errors in transmission shall be governed by the terms and conditions of the trading partner agreement between the parties. The receiving party may also waive the 15-minute window requirement at its own discretion.

4.3.4 Trading partners should retain transactional data for at least 24 months for audit purposes.

This data retention requirement only applies to the ability to recover or regenerate electronic records for a period of two years and does not otherwise modify statutory, regulatory, or contractual record retention requirements.

4.3.5 Documents that are made available on the Transportation Service Provider's Web site should be downloadable on demand in a NAESB WGQ specified electronic structure.

4.3.39 Each implementation of a current proprietary business function category on EBBs should remain available until such time as that business function category is tested and implemented via a Customer Activities Web site.

4.3.52 A Transportation Service Provider (TSP) which determines to provide new features utilizing existing transaction sets via NAESB WGQ EBB/EDM, for each transaction upon inception of support for such service, should:
- If NAESB WGQ EDI/EDM or FF/EDM standards exist for the transaction set, provide the service via NAESB WGQ EDI/EDM, or FF/EDM or both, utilizing modifications defined by the TSP to the existing file structures;
and,
- Submit a request for modification or enhancement of the transaction set to NAESB WGQ including details of the interim EBB/EDM, EDI/EDM and/or FF/EDM implementation.

4.3.53 Where a Transportation Service Provider (TSP) utilizes a subset of available NAESB WGQ code values for specific data elements for inbound documents to the TSP, the TSP should make available a list of the supported code values in a download utilizing a NAESB WGQ electronic format.

4.3.56 The industry should use common codes for location points and legal entities when communicating via EDI/EDM, EBB/EDM and/or FF/EDM. The corresponding common code name should also be used in EBB/EDM.

4.3.67 A Transportation Service Provider which determines to provide new services which do not utilize existing transaction sets via NAESB WGQ EBB/EDM, should, prior to implementation, submit a request for standardization to NAESB WGQ including descriptions of the EBB/EDM, EDI/EDM and, as applicable, FF/EDM implementation.

4.3.74 Each data element which has been submitted for standardization in the NAESB WGQ process should follow the NAESB WGQ ordered data elements on the Form within a data group selected by the Transportation Service Provider.

4.3.s3 Data provided pursuant to NAESB WGQ Standard No. [S2] should be made available on

the Transportation Service Provider's Web Site for the most recent three-month period. Beyond the initial three-month period, the historical data should be made available offline in accordance with regulatory requirements.

4.3.s4 Data provided pursuant to NAESB WGQ Standard No. [S2] should be provided in a tabular downloadable file to be described by the Transportation Service Provider. The first row of the file should contain the column headers.

7.3.24 Does the language of NAESB WGQ Standards 2.3.14, 2.3.26, 3.3.15 and 4.3.4 mean that contractual audit rights are excluded from the six-month time limitation and that no statement adjustments can be made after the six-month period? In addition, is NAESB WGQ recommending that audit rights be excluded from contracts or otherwise limited in contracts to a six-month period?

Interpretation:
Audit rights, to the extent they exist in a contract are contractual rights within the meaning of NAESB WGQ Standards 2.3.14, 2.3.26, 3.3.15, and 4.3.4. Further, the NAESB WGQ standards make no finding or recommendation with respect to the advisability of including or excluding audit rights, specifying audit timing or specifying the timing of subsequent audit corrections in a contract.

7.3.35 According to NAESB WGQ Standard 4.3.23, notices are now supposed to be posted on the Transportation Service Providers' (TSP) Web pages. Does this mean that a TSP is not required to provide any alternative form of communication for notices such as telephone or fax, particularly for those notices issued outside of business hours and on weekends? According to NAESB WGQ Standard 4.3.23, notices (critical notices, operation notices, system wide notices, etc.) are supposed to be posted on the Transportation Service Providers' (TSP) Web pages. Does this mean that a TSP is not required to provide any alternative form of communication for these specified notices?

Interpretation:
NAESB WGQ Standard 4.3.23 does not specify any alternative means of notification aside from the Web page nor does it specify that the only means of notification is by means of the Web page. Alternative means of notification for particular information may be required by regulation, tariff or other NAESB WGQ standards. For example notices pertaining to system wide events of both a critical and non-critical nature (NAESB WGQ Standard 5.3.18) are implemented via both downloads (NAESB WGQ Standard 5.4.16) and the Web pages (NAESB WGQ Standard 4.3.23).

Internet EDI/EDM Related:
(Majority of information is located in the Internet Electronic Transport Book)

4.2.11 "NAESB WGQ EDI/EDM" is the term used to describe ANSI ASC X12 computer-to-computer electronic data interchange of information in files as mapped from the x.4.z NAESB WGQ standards in the NAESB WGQ Implementation Guides and communicated between trading partners over the Internet using the NAESB Internet Electronic Transport.

Informational Postings Related:

4.1.16 Informational Postings Web Sites should be easy to locate.

4.1.17 Information within an Informational Postings Web Site should be easy to locate.

4.1.18 Information across Informational Postings Web Sites should be consistently displayed.

4.1.19 Information across Informational Postings Web Sites should be easy to download.

4.2.1 "Informational Postings" is the term that identifies common information as specified in WGQ Standard 4.3.23. (Per Order 2004; Changed during the 5/6/2004 EC Meeting)

4.3.16 On the Informational Postings Web site, the Index of Customers document may be displayed in RTF format or in other formats that comply with the Browser Capabilities as specified in Appendix D of the NAESB WGQ Electronic Delivery Mechanism Related Standards. It should also be downloadable in a defined, tab-delimited ASCII text file, with provisions for title information and footnote capability, as set forth in Code of Federal Regulations Part 284, Section 223. (Reference Order Number 637, Docket No. RM98-10-000, issued February 9, 2000, "Appendix A, Instruction Manual for Electronic Filing of the Index of Customers" issued pursuant to the above referenced order.)

4.3.17 "Informational Postings" should be the label used for navigation to or within the Web site.

4.3.23 Transportation Service Providers should establish an Informational Postings Web site accessible via the Internet. The subcategories and labels for the categories of Informational Postings should be as follows:

CATEGORIES	**SUBCATEGORIES**
Capacity	Operationally Available
	Unsubscribed
Energy Affiliate Info	Capacity Allocation Log (when applicable)
	Employee Transfers
	Names and Addresses
	Potential Mergers
	Shared Facilities
Gas Quality	
Index of Customers	
Non-discrimination Rqts	Discounts
	Emergency Deviations
	Implementation Procedures
	Information Disclosure
	Tariff Discretionary Actions
Notices	Critical
	Non-Critical
	Planned Outage Service
Organizational Charts	
Posted Imbalances	
Tariff	Title Page
	Table of Contents

	Preliminary Statement
	Map
	Currently Effective Rates
	Rate Schedules
	General Terms and Conditions
	Form of Service Agreement
	Entire Tariff
	Sheet Index
Transactional Reporting	

These categories and labels should appear in the order specified above and before any others.

4.3.24 The Transportation Service Provider's Informational Postings Web Site should include the name, nickname, or name abbreviation of the Transportation Service Provider so that it will appear first in the browser title bar. Content Area documents should have a similar name when printed.

4.3.30 The links to categories of Informational Postings should be displayed vertically on the left (Navigational Area) of the screen at all times.

4.3.31 With regard to Informational Postings, when using abbreviations to display column and field names, the following abbreviations should be used:

Available	Avail
Capacity	Cap
Date/Time	D/T
Description	Desc
Effective	Eff
Location	Loc
Quantity	Qty
Maximum Daily Quantity	MDQ
Maximum Storage Quantity	MSQ

4.3.s1 A Transportation Service Provider (TSP) should provide on its Informational Postings Web Site a link to the natural gas quality tariff provisions (or where no tariff exists in the general terms and conditions) or a simple reference guide to such information.

4.3.s2 The Transportation Service Provider (TSP) should provide on its Informational Postings Web Site daily average gas quality information for prior gas day(s), to the extent available, for location(s) that are representative of mainline gas flow. The information available for the identified location(s) should be provided in a downloadable format. Information should be reported in units as specified in the tariff or general terms and conditions. In any event, compliance with gas quality requirements is in accordance with the TSP's tariff or general terms and conditions.

The following are examples of gas quality attributes that could be included in the posting for the applicable Gas Day(s) and location(s):

- Heating Value

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- Hydrocarbon Components, % of C1 – Cnn, as used in determining Heating Value
- Specific Gravity
- Water
- Nitrogen
- Carbon Dioxide
- Oxygen
- Hydrogen
- Helium
- Total Sulfur
- Hydrogen Sulfide
- Carbonyl Sulfide
- Mercaptans
- Mercury and/or any other contaminants being measured
- Other pertinent gas quality information that is specified in the TSP's tariff or the general terms and conditions.

Internet EBB/EDM - Customer Activities Web sites:

4.1.13 Regarding the request that EBBs need to provide the ability to create and print specialized reports, the data should be made available so as to permit the users of the information to download the data to be used in their applications.

4.1.20 Display space for content on Web sites should be maximized.

4.1.21 On the Web sites, the use of scrolling, especially left to right, should be minimized.

4.1.22 Web site standards should not preclude various levels of user response and inter-activity. Minimum levels of user response or inter-activity should be developed.

4.1.23 Web site standards should not dictate or limit back-end development technology or systems. Industry Web sites should be accessible by a Standard Client Configuration.

4.1.24 Standardized Web site navigational structure should be developed to provide access to business functions. The hierarchical relationship, structure and order for navigation on the Web site should be established in a standardized manner.

4.1.26 Customer Activities Web sites should be designed for ease of user interaction.

4.1.27 There should generally be a one-to-one relationship between data elements used for EDI and/or flat files and the data displayed on Customer Activities Web pages.

4.1.28 Standard field name descriptors or abbreviations, and navigation and functional screen layouts should be used on all Customer Activities Web pages. There should be no standards for font size, colors, etc. Functional screen layouts should be developed as standards which would divide each transactional screen into separate areas and define which data elements belong in each specific area.

4.1.29 Information that is constant for the displayed Content Area may be placed in the page Header.

4.1.30 Data elements that have default values may be placed last to minimize scrolling.

4.1.31 As a general guideline, the initial phase of each business function category (of a multiple phase implementation) of "common look and feel" for Internet transactions that are not currently standardized should begin subsequent to the implementation of the currently standardized data sets to the Web. This does not preclude the implementation of new standardized data sets as they become available.

4.1.32 There is displayed information on Customer Activities Web sites which does not have a comparable data element in EDI; however, the data (e.g. totals, reports, calculations) is derived from other EDI data elements. Provision of such information does not require the development of an EDI data set to accomplish a one-to-one match. However, any Customer Activities Web function should be derivable from information available in EDI data sets.

4.1.33 When standardized, all elements used in standard EBB/EDM, EDI/EDM and FF/EDM should be defined in the related NAESB WGQ x.4.z standard.

4.1.36 Trading partners should maintain redundant connections to the public Internet for NAESB WGQ EDM Web sites, which include all NAESB WGQ standardized Internet communication. These redundant connections should be topographically diverse (duality of) paths to minimize the probability of a single port of failure.

4.1.39 Trading Partners should mutually select and utilize a version of the NAESB WGQ EDM standards under which to operate, unless specified otherwise by government agencies. Trading Partners should also mutually agree to adopt later versions of the NAESB WGQ EDM standards, as needed, again unless specified otherwise by government agencies.

4.2.2 "Download" is the term used to describe the retrieval of information from a Web site in a format suitable for storage.

4.2.3 "Display" is the term used to describe the typical visual presentation derived by a browser as a result of retrieval of information from a given URL.

4.2.4 "Printing" is the term used to describe the typical printed layout derived when a document is printed from a display tool (browser, word processor, etc.).

4.2.5 "Site Map" is the term used to describe a Web page of URL links, which resembles a table of contents or directory tree structure, of categories and subcategories of information.

4.2.6 "Central Address Repository" (CAR) is the term used to describe: 1) the Web site providing links to all Transportation Service Providers' Informational Postings, and 2) the entity administering and maintaining the above Web site and repository.

4.2.7 "Navigational Area" is the term used to describe the area on the left side of the browser display providing links to the Content Area and other navigational links. Navigational Area is not required to be displayed on Customer Activities Web pages where data entry, reporting or inquiry are displayed.

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4.2.8 "Content Area" is the term used to describe the area directly to the right of the Navigational Area of the browser display. When the Navigational Area is not displayed the entire browser display is content area.

4.2.9 "Standard Client Configuration" is the term used to describe the configuration that allows simultaneous access to multiple industry Web sites.

4.2.10 "Customer Activities" is the term used to refer to the business function categories relating to Nominations, Flowing Gas, Invoicing, Capacity Release, Contracts and other business functions on industry Web sites.

4.2.13 "NAESB WGQ EBB/EDM" is the term used to describe the NAESB WGQ standardized electronic interchange of information for Customer Activities Internet Web site presentations.

4.2.14 "Header" is the term used to describe the area at the top of the Content Area of the browser display.

4.2.15 "Detail" is the term used to describe the area directly below the Header in the Content Area of the browser display.

4.2.16 "Form" is the term used to describe the portion of the Content Area of the browser display on Customer Activities Web sites used for single transaction entry or display as well as, optionally, data selection. The Form should be either in the upper portion of the Content Area or, alternatively, a single page linked to the Matrix.

4.2.17 "Matrix" is the term used to describe the portion of the Content Area of the browser display on the Customer Activities Web sites used to display selected data entered on the Form and, when appropriate, for data entry. The Matrix should be either the lower portion of the Content Area (that area below the Form) or, alternatively, a single page linked to the Form.

4.3.18 Transportation Service Providers should provide and keep current to the Central Address Repository the addresses (URLs) for the Informational Postings Web site.

4.3.19 The Central Address Repository should make available a consolidated repository of the Transportation Service Providers' current URLs listed in NAESB WGQ Standard 4.3.18 in two ways:

1) a vehicle to link to sites and categories, and
2) a downloadable list.

4.3.20 A user ID or password should not be required to access the Central Address Repository or the Transportation Service Provider's Informational Postings Web Site.

4.3.22 The following navigational links should appear last in the Navigational Area and be labeled as follows:

Downloads
Search
Site Map

4.3.25 The Site Map should be provided in the Content Area and should include links to all levels of categories described in NAESB WGQ Standard 4.3.23. Each level of category and subcategory should be indented to show its relationship and should be presented in text form to best utilize space.

4.3.26 Transportation Service Providers should provide search capability for a word or phrase within the text, headers, and footers of the entire tariff and within any of the following tariff subcategories: 1) Rate Schedules, 2) General Terms and Conditions, and 3) Form of Service Agreement. The results of the search should provide a list of links to the pages containing the word or phrase. "Search" should appear as a link and be labeled as such, appearing immediately above the Site Map link.

4.3.27 The "Notices" category (as shown in the Navigational Area) should expand to a list of subcategories (in the Navigational Area) when clicked; there are no display requirements for the Content Area. Each of these subcategories, when clicked, should display a list of notices for that subcategory in the Content Area.

4.3.28 For the subcategories of Notices, the first column headings in the Content Area should be Notice Type, Posted Date/Time, Notice Effective Date/Time (and Notice End Date/Time, when applicable), Notice Identifier (optional*), Subject and Response Date/Time, when applicable, with the list sorted in reverse chronological order by Posted Date/Time.
* When used as a reference, the Notice Identifier should be displayed.

4.3.29 The words or labels that should appear in the "Notice Type" column in NAESB WGQ Standard 4.3.28 should be:

Words	**Labels**
Capacity Constraint	Cap. Constraint
Capacity Discount	Cap. Discount
Curtailment	Curtailment
Force Majeure	Force Majeure
Intraday Bump	Bump
Maintenance	Maintenance
Operational Flow Order	OFO
Phone List	Phone List
Press Release, Company News	News
Other	Other

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4.3.32 Each line of the Table of Contents of the Tariff should provide a link to a corresponding sheet by clicking on the sheet number shown. The subcategories Currently Effective Rates, Rate Schedules, General Terms and Conditions, and Form of Service Agreement should provide either a table of contents or a similar breakdown, when applicable, and a link function to a corresponding sheet. For example, if General Terms and Conditions has a separate table of contents, it should provide corresponding links.

4.3.33 For Tariff documents, "previous" and "next" links should be displayed at the top of each HTML document. If the "previous" and "next" links may scroll off the display, they should also be provided at the bottom of the HTML document.

4.3.34 Columns and data fields that would contain data not supported by the Transportation Service Provider should be eliminated on display and/or entry, and left empty on download.

4.3.35 For the "Index of Customers", the column headings for the web site display for the "Index of Customers" should be displayed in the order provided for in reference Order No. 637, Docket No. RM98-10-000, issued February 9, 2000, "Appendix A, Instruction Manual for Electronic Filing of the Index of Customers" issued June 29, 2000, pursuant to the above referenced order, for those fields identified as "detail fields". In addition, the other "Index of Customers" information not included in the columnar display should be accessible from the columnar display.

4.3.36 Internet protocols should be used for accessing all industry business functions.

4.3.38 Industry Web sites should be accessible via the public Internet using common browser software.

4.3.40 Standard navigation should be used to access all business functions on industry Web sites.

4.3.41 Navigation through the industry Web site menus should be consistent for location and technique.

4.3.42 The categories and the labels for Customer Activities Web sites should appear, if applicable, in the Navigational Area as follows:

- Nominations
- Flowing Gas
- Invoicing
- Capacity Release
- Contracts
- Informational Postings
- Site Map

Links supporting Mutually Agreeable categories should precede Informational Postings

4.3.43 The sub-categories and the labels for the category of Nominations should appear, if applicable, in the Navigational Area as follows:

- Nomination
- Confirmation

- Scheduled Quantity

Links supporting additional sub-categories will follow these links. This does not preclude a further breakdown within each sub-category from being listed in the Navigational Area.

4.3.44 A Customer Activities Web page may display information (data elements and code values) from multiple functionally related NAESB WGQ EDI data sets (i.e. nominated quantities and scheduled quantities may appear on the same Web screen).

4.3.45 NAESB WGQ standard code value descriptions should be displayed for code values where appropriate.

4.3.46 The Customer Activities Web Site should include the name, nickname, or name abbreviation of the Transportation Service Provider in the browser title bar. The name of the business function should be displayed in the Header.

4.3.47 Where they exist for the same business function, flat files and EDI should use the same nomenclature for data set names, data element names, code values and/or code value descriptions, abbreviations and message text. Corresponding Web pages should use data set names, data element names, code value descriptions, abbreviations and message text that correspond to those used in flat files and EDI, where they exist.

4.3.48 Totals, when appropriate, should be displayed within the Content Area of the Web page in a manner which distinguishes them from the data.

4.3.49 Where navigation and/or processing functions exist for a Customer Activity, the Content Area should contain navigation in the Header on the left and processing functions in the Header on the right.

4.3.50 Navigation for input data lookups, if provided, should be placed near the field being looked up. Navigation for informational lookups, if provided, should be included in the Header.

4.3.51 NAESB WGQ Common Codes for entity and location should be available for data validation or selection (viewing) on a Customer Activities Web site and in a standardized downloadable format for use by customers and third party service providers. Cross-references to proprietary codes may be provided on a mutually agreeable basis.

4.3.54 With regard to the navigational links on Customer Activities Web sites, when using abbreviations, the following should be used:

Full Name	Abbreviation
Customer Activities	**Customer Activities**
Nominations	Nominations
Flowing Gas	Flowing Gas
Invoicing	Invoicing
Capacity Release	Capacity Release
Contracts	Contracts
Informational Postings	Info Postings
Site Maps	Site Maps
Nomination Area	**Nominations**
Nomination	Nom
Nomination Quick Response	Nom QR
Request for Confirmation	Req for Conf
Confirmation Response	Conf Resp

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Confirmation Response Quick Response	Conf Resp QR
Scheduled Quantity	Sched Qty
Scheduled Quantity for Operator	Sched Qty Oper
Flowing Gas Area	**Flowing Gas**
Pre-determined Allocation	PDA
Pre-determined Allocation Quick Response	PDA QR
Allocation	Allocation
Shipper Imbalance	Shipper Imbal
Measurement Information	Meas Info
Measured Volume Audit Statement	Meas Vol Audit
Authorization to Post Imbalances	Auth to Post Imbal
Posted Imbalances Download Post	Imbal Dwnld
Request for Imbalance Trade	Req for Imbal Trd
Request for Imbalance Trade Quick Response	Req for Imbal Trd QR
Withdrawal of Request for Imbalance Trade	W/D of Req for Imbal Trd
Request for Confirmation of Imbalance Trade	Req for Conf of Imbal Trd
Imbalance Trade Confirmation	Imbal Trd Conf
Imbalance Trade Notification	Imbal Trd Notify
Invoicing Area	**Invoicing**
Invoice	Invoice
Service Requester Level Charge/Allowance Invoice	Svc Req Invc
Payment Remittance	Pmt Remit
Statement of Account	Stmt of Acct
Capacity Release Area	**Capacity Release**
Offers	Offers
Bids	Bids
Awards	Awards
Contracts Area	**Contracts**

4.3.55 Where display information on a Customer Activities Web site is derivable from data provided in a previous upload or download, the information should not be included in the EDI/EDM standards [or FF/EDM standard, for later consideration] that directly correspond to the EBB/EDM Web page being displayed.

4.3.57 Customer Activities Web pages should support entry of the maximum length for valid data, however, display can be done in a manner to minimize left to right scrolling.

4.3.58 On Customer Activities Web pages, informational display fields can be displayed with related data.

4.3.59 Providers of Customer Activities Web sites should ensure that the site operates within the guidelines of the "Technical Characteristics of the Client Workstation" described in the Appendix of the Electronic Delivery Mechanism Related Standards Manual. This appendix, listing examples of hardware and software configurations that providers should meet, should be reviewed and updated by the Future Technology Task Force, at a minimum, by the spring of each year and presented to the NAESB WGQ Executive Committee for adoption by the June meeting of that committee.

4.3.65 The Transportation Service Provider's Customer Activities Web Site should include the name, nickname, or name abbreviation of the parent company and/or Transportation Service Provider so that it will appear first in the browser title bar.

4.3.66 When the Form and the Matrix for Customer Activities Web sites are separate Web pages, a subset of the Form may be included by the Transportation Service Provider in the upper Content Area of the Matrix page.

4.3.68 On Customer Activities Web sites, information which is not part of the data dictionary may be displayed.

4.3.69 On Customer Activities Web sites, the following standard nomenclature should be used for processing functions, when the associated function is supported by the Transportation Service Provider (TSP). TSPs may also support additional processing functions.

Processing Function	Nomenclature
Create a new line item for data entry in the Matrix.	New
Copy existing data on a screen or window.	Copy
Delete the current line item from the Matrix, the screen or the window prior to Submit.	Delete
Back out of a screen or window without executing the process, which will cause the loss of all updates since the last Submit.	Cancel
Print application data.	Print
Send record/records from the Matrix to the TSP for processing.	Submit
Sort displayed records based on specified criteria.	Sort
Retrieve information from the TSP based on specified criteria.	Retrieve
Post a line item from the Form to the Matrix as a change to the current line item in the Matrix prior to Submit.	Change
Clear fields on the Form.	Clear
Post a line item from the Form to the Matrix as a new record.	Add
Provide information regarding the current page or function.	Help
Filter displayed records based on specified criteria.	Filter

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4.3.72 Providers of Customer Activities Web sites, at their discretion, may provide alternate views to data and transactions in addition to the NAESB WGQ basic views (industry common views). The alternate views should not replace NAESB WGQ basic views and should be offered as separate views, if available. If an alternate view is offered, the NAESB WGQ basic view should be the default view and clearly labeled as the NAESB WGQ basic view. Any alternate views must offer the same business result as the basic view and be accessible to all applicable users. The basic views must offer the same business result as the alternate views and be accessible to all applicable users.

4.3.73 Data fields used to populate or control population of other fields can be placed before the fields to be populated. If these data elements apply to the entire Content Area they can appear in the Header. If the Transportation Service Provider elects to place such data fields in an order outside of the standardized order, the labels for these data fields should be distinguishable through visual cues from the labels of data elements in the standardized order.

4.3.75 The sub-categories and the labels for the category of Flowing Gas should appear, if applicable, in the Navigational Area as follows:

Pre-determined Allocation
Allocation
Imbalance
Measurement

Links supporting additional sub-categories will follow these links. This does not preclude a further breakdown within each sub-category from being listed in the Navigational Area.

4.3.76 On a Customer Activities Web page, where the Form and the Matrix are combined, any data groupings and ordering for the corresponding Form should apply.

4.3.78 When a Form and a Matrix exist for a Customer Activities Web page, a mechanism should exist to populate the Form with data from a selected item in the Matrix.

4.3.79 The sub-categories and the labels for the category of Invoicing should appear, if applicable, in the Navigational Area as follows:

Invoice
Payment Remittance
Statement of Account

Links supporting additional sub-categories will follow these links. This does not preclude a further breakdown within each sub-category from being listed in the Navigational Area.

4.3.85 The sub-categories and the labels for the category of Capacity Release should appear, if applicable, in the Navigational Area as follows:

Offers
Bids
Awards

Links supporting Mutually Agreeable sub-categories will follow these links. This does not preclude a further breakdown of sub-sub-categories within each sub-category from being listed in the Navigational Area.

4.3.86 To the extent that multiple electronic delivery mechanisms are used, the same business result should occur.

4.3.87 When the receiver of:

1) a Nomination,
2) a Pre-determined Allocation, or,
3) a Request for Confirmation

has determined to change the business rule(s) it will apply to the processing of (and/or response to) one or more of these documents; or, when the sender of:

1) a Confirmation Response (solicited and unsolicited),
2) a Scheduled Quantity,
3) a Scheduled Quantity for Operator,
4) an Allocation,
5) a Shipper Imbalance, or,
6) an Invoice

has determined to change the business rule(s) it will apply to the generating of (and/or content within) one or more of these documents, then it should notify its trading partners of same at least two weeks in advance of the change(s). The notification should include identification of the data element(s) that are changing (or whose content is changing), the intended business result of such change(s) in the business rule(s), and the effective date of such change(s).

For the purposes of this standard, a business rule change is any change in:

a) the presence and/or the acceptable content of a data element which is received by the trading partner sending notice;
b) a new business response to an accepted data element which is received by the trading partner sending notice;
c) a new business response to the acceptable content of a data element which is received by the trading partner sending notice; or,
d) a new intended business result to be communicated to a receiver by the trading partner sending notice;

Absent mutual agreement between the affected trading partners to the contrary, trading partners notifying their sending or receiving trading partners of a change(s) under this standard should provide the means to test such change(s) during at least a two week time period prior to the effective date of the change(s).

Trading partners receiving notice of such change(s) from their trading partner should be prepared not to implement such change(s) even after testing has been completed, as the notifying trading partner is permitted to cancel or postpone such change(s). Notifying trading partners canceling or postponing the effective date of change(s) should provide affected trading partners with notice of cancellation or postponement at least one business day prior to the applicable effective date.

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Internet FF/EDM:

4.1.34 For NAESB WGQ FF/EDM, the content and usage of flat files should reasonably correspond to the NAESB WGQ data sets used for NAESB WGQ EDI/EDM.

4.1.35 If NAESB WGQ FF/EDM is implemented, flat files should be exchanged via the NAESB WGQ EDI/EDM site or the Customer Activities Web site.

4.1.38 Until such time as NAESB WGQ standardizes field lengths for data elements, data element field lengths for FF/EDM should not exceed the corresponding field lengths defined for EDI/EDM as defined in the ANSI ASC X12 version in the NAESB WGQ implementation guide in which the NAESB WGQ data element was adopted.

4.2.12 "NAESB WGQ FF/EDM" is the term used to describe a standardized flat file electronic data interchange of information in files as mapped from the x.4.z NAESB WGQ standards. NAESB WGQ FF/EDM is communicated between trading partners over the Internet using the NAESB Internet Electronic Transport.

4.2.18 "Batch Flat File" is the term used within NAESB WGQ FF/EDM to describe the automated computer-to-computer transfer of flat files.

4.2.19 "Interactive Flat File" is the term used within NAESB WGQ FF/EDM to describe the transfer of flat files using an interactive browser.

4.3.80 NAESB WGQ FF/EDM flat files should be formatted as ASCII comma separated value (CSV) files. This means:
Rows are separated by a carriage return/line feed (CRLF).
Fields are separated by commas.
When a field contains a comma, the field should be enclosed by double-quotes.
Double-quotes should not be used within any data field.
When numeric data is negative, the minus sign should precede the number.
When numeric data contains decimal precision, the decimal point should be included within the field.
When numeric data contains one or more significant leading zeros, these zeros should be preserved in the flat file.
Date fields should be formatted as YYYYMMDD.
Time fields should be specified in a 24 hour format, formatted as HH:MM or HH:MM:SS, as applicable.
Date/Time fields should be formatted as YYYYMMDD HH:MM or YYYYMMDD HH:MM:SS when date and time are expressed in one NAESB WGQ data element. Note that there should be exactly one space between the day (DD) and the hour (HH).
The maximum amount of data to be placed in a field should be limited to 256 characters.
When a field contains no data, the empty field should result in two delimiters next to each other. Note that there should be no blank spaces between the delimiters.

4.3.81 For a NAESB WGQ FF/EDM flat file, the first row of the file should be comprised of the standard abbreviations for NAESB WGQ data elements, including any additional data elements added per NAESB WGQ Standard No. 4.3.52, in the order in which the corresponding data is to appear in all subsequent rows. The data element order is at the option of the sender. If a data element abbreviation is not recognized, the entire flat file should be rejected.

4.3.82 For NAESB WGQ FF/EDM flat files, each transaction (e.g. nomination) should be contained in a single row.

Security:

4.1.15 The North American Energy Standards Board Wholesale Gas Quadrant should not set standards for site-level security. Individual organization security standards should be relied upon.

4.1.37 Transportation Service Provider EDM implementations should minimize the number of outbound ports required to be opened on the client-side firewall.

4.3.60 Access to the Customer Activities Web Site should be protected by HTTP Basic Authentication or similar logon/password mechanism(s). A Customer Activities Web site should typically require a single logon/password pair for each user session.

4.3.61 Data communications for Customer Activities Web sites should utilize 128-bit Secure Sockets Layer (SSL) encryption.

4.3.62 Custom downloadable modules presented by a Customer Activities Web site should be signed by the author. The signatures on these modules should be communicated in advance to Web site users.

4.3.83 For Interactive Flat File EDM, 128-bit Secure Sockets Layer (SSL) encryption should be used.

4.3.84 Access to Interactive Flat File EDM should be protected by HTTP Basic Authentication.

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RELATED STANDARDS

Common Codes

A decision made in 1993 by a FERC-established standards development group (EBB Working Group 5) resulted in a location coding system which cross-references proprietary point codes to a common industry-supported location code. This common location code, called the GRID Code, was developed based on the American Petroleum Institute (API) well code model. The FERC, in Order 563-A, directed the industry to establish any necessary relationships and to proceed with the implementation of the GRID Code. To achieve this implementation, in August 1994 trade associations representing three segments of the natural gas industry entered into an agreement with Petroleum Information Corporation (PI) to develop and maintain the PI *GRID*™ Common Code database. As GISB prepared standards for capacity release (July 1995) and nominations (September 1995), GISB fully endorsed the use of the PI *GRID*™ common codes.

However, after extensive consideration by GISB's Common Code Subcommittee, GISB adopted, on September 30, 1996, a new Common Code for Gas Transaction Points, the NAESB WGQ/PI Data Reference Number (generally referred to as "DRN"). The DRN is a one-to-nine digit, non-intelligent number also assigned by IHS (successor to PI), which has a one-to-one relationship with the PI *GRID*™ Code. For more information, access the NAESB Web Page at www.naesb.org.

In keeping with the trends in other industries involved with EDI, EBB Working Group 5 recommended the acceptance of the D-U-N-S®[1] Number as a common company identifier. This recommendation was also adopted in FERC Order 563-A. The D-U-N-S® Number is assigned to companies by the Dun & Bradstreet Corporation (D&B). Similarly, as GISB prepared standards for capacity release (July 1995) and nominations (September 1995), GISB fully endorsed the use of the D-U-N-S® Number common code.

For NAESB WGQ Common Code purposes, an entity will use one and only one D-U-N-S® Number. Entity common codes should be "legal entities," that is, Ultimate Location, Headquarters Location, and/or Single Location (in Dun & Bradstreet Corporation ("D&B") terms). However, in the following situations, a Branch Location (in D&B terms) can also be an entity common code: 1. When the contracting party provides a D-U-N-S® Number at the Branch Location level; or 2. to accommodate accounting for an entity that is identified at the Branch Location level. Since D&B offers customers the option of carrying more than one D-U-N-S® Number per entity, please refer to NAESB's Web Page at www.naesb.org for directions on determining the one and only one D-U-N-S® Number constituting the NAESB WGQ Entity Common Code.

In the datasets, an asterisk by a data element means that it is a "common code," so the field will reflect the industry-supported common code for location or company.

NAESB WGQ Electronic Data Interchange Trading Partner Agreement

In 1998, GISB adopted Standard 6.3.3, the NAESB WGQ Electronic Data Interchange Trading Partner Agreement (TPA) for exchange of data within the gas industry. The NAESB WGQ TPA defines the relationship of the sender and receiver of NAESB WGQ Standard ASC X12

1 D-U-N-S® is a registered trademark of Dun & Bradstreet, Inc.

documents. This agreement represents a complete set of balanced terms which a company should accept whether it is sender or receiver of electronic documents. It has established all the data items necessary to exchange electronic documents in a step by step, fill in the blank model form. The use of the TPA minimizes preparation, negotiation and review time. In addition, the Internet ET specifies a Technical Exchange Worksheet. Copies of this agreement may be obtained from the NAESB office or may be downloaded from the NAESB home page at www.naesb.org.

Party Roles

In all of the transaction sets, there are multiple parties that may be involved in the transaction. There are the Transportation Service Provider (a.k.a. Pipeline or Transporter), the Service Requester (a.k.a. Shipper), Service Requester Agent (a.k.a. Shipper's Agent) and Third Party Service Provider (a.k.a. Third Party Agent). It is important to distinguish between the role of the Service Requester Agent and the Third Party Service Provider.

The Service Requester Agent is the party contractually authorized by the Service Requester to submit business transactions to the Transportation Service Provider on behalf of the Service Requester for a service requester contract. Once the Service Requester Agent is contractually authorized, the agent becomes the Service Requester for subsequent business transactions unless and until the agency relationship is terminated.

The Third Party Service Provider is the communications agent that the Service Requester or Service Requester Agent may subscribe to in order to send and receive transactions with the Transportation Service Provider.

It is possible that a single entity may, at times, provide the role of a Service Requester Agent for one party while providing the role of Third Party Service Provider for another party. Likewise, a single entity could be both Service Requester Agent and Third Party Service Provider for a single party.

In EDI implementation, the party that is authorized to send and receive transactions will be the party identified in the transmission envelope (ISA Header Segment). In all cases, the Transportation Service Provider, Service Requester and Service Requester Agent (if applicable) will be identified in the body of the transaction (N1 Name Segment).

ANSI ASC X12 Standards

The NAESB WGQ standards reflect an industry utilization of the American National Standards Institute (ANSI) ASC X12 standards maintained by the Data Interchange Standards Association, Inc. (DISA). The technical implementation documents included in this manual reflect the NAESB WGQ subset of the ANSI ASC X12 standards versions. It is recommended that any industry participant who wishes to utilize the ANSI ASC X12 standards should also have a copy of the ANSI ASC X12 Standards Reference document for a full understanding of the X12 requirements. NAESB members may purchase an ANSI reference document through NAESB by contacting the NAESB office. Non-NAESB industry participants may purchase the reference document by contacting:

DISA -Manager of Publications
7600 Leesburg Pike, Suite 430

Falls Church, VA 22043 USA

Voice: 703.970.4480
Fax: 703.970.4488
Email: info@disa.org
www.disa.org

As a member of ANSI, NAESB WGQ will utilize the ANSI ASC X12 standards and remain in full compliance. In all standards, occasions arise where the standard does not fully meet a need. NAESB WGQ recognizes this and will add interim usages and code values when required. When NAESB WGQ utilizes an interim solution, NAESB WGQ will apply to ANSI and the appropriate ANSI organizations for acceptance of the interim solution. ANSI's final solution may provide a usage or code value different than the interim solution. NAESB WGQ standards will be updated to reflect the final solution.

The architecture of ASC X12 is designed for end–to-end communications. The translator that generates the ASC X12 file and envelope will assign control numbers and counts that will appear within the ISA/IEA segments of the transaction and within the GS/GE segments of the transaction. These numbers and counts allow the translator to ensure that all of the segments in an envelope and all of the data elements in an envelope have been received and that the transmission was complete.

ISA contents

The ISA segment marks the beginning of an X12 document. It can be equated to an envelope that a paper document would come in via the mail. The envelope may contain one or more functional groups (defined by the GS segment) and one or more transaction sets.

The ISA is the interchange control segment to be utilized on all NAESB WGQ X12 standards. The segment identifies the Sender and Receiver of the document. The Interchange Sender ID/Interchange Receiver ID is published by both the Sender and Receiver for other parties to use as the Sender/Receiver ID to route data to them. The Sender must always code the Sender's ID in the Sender element and the designated Receiver's ID in the Receiver ID. Many times this may be the common code identifier. Sender and Receiver information is specified in the NAESB WGQ Electronic Data Interchange Trading Partner Agreement.

There are additional elements in the ISA segment that are traditionally assigned by the Sending party's translator. These elements inform the Receiver of the date/time that the envelope was generated, the X12 version number being utilized, whether the transmission is for test or production purposes, and what characters were used to designate the end of a sub element, element or segment. Different characters must be chosen for the sub element, element and segment delimiters. These delimiting characters must never appear in the data.

For more information on the ISA segment and the possible values for its elements, contact DISA or consult the appropriate version of the ANSI ASC X12 Standards Reference document corresponding to the NAESB WGQ transaction set being sent/received. Information about control segments (including the ISA and IEA) can be found in the Overview/Introduction and Control Standards sections of the ANSI Reference document. Specific information about the ISA and IEA segments and corresponding elements can be found in the Segment Directory and Data Element Dictionary sections.

GS contents

The GS segment indicates the beginning of a functional group and provides control information for the data that follows it. A functional group can be defined as a group of transactions related to one business application. Within a mailing envelope, there may be a bundle of information relating to imbalances and a bundle of information relating to measurement information. Each of these 'bundles' is sent within its own (or a separate) GS Functional Group Header and a GE Functional Group Trailer in the X12 environment. The Sender of a transmission provides the application Sender's code that the Receiver of the transmission will reflect back on acknowledging documents. The Receiver of a transmission provides the application Receiver's code that the Sender will include in the transmission for the Receiver to utilize in routing to internal applications. Group Control Numbers are originated and maintained by the Sender of the document.

For more information on the GS segment and the possible values for its elements, contact DISA or consult the appropriate version of the ANSI ASC X12 Standards Reference document corresponding to the NAESB WGQ transaction set being sent/received. Information about control segments (including the GS and GE) can be found in the Overview/Introduction and Control Standards sections of the ANSI Reference document. Specific information about the GS and GE segments and corresponding elements can be found in the Segment Directory and Data Element Dictionary sections.

997 Usage

The 997 Functional Acknowledgment is used to indicate the results of the syntactical analysis of the X12 documents. The documents include the transaction sets and functional groups with an ISA/IEA envelope for all data segments, ST to SE. This standard covers all of the X12 and NAESB WGQ standard criteria that the Receiver of the document has incorporated into the Receiver's translator. The translator may be set to accept all information into the Receiver's application processing, it may be set to accept only ANSI ASC X12 compliant information into the Receiver's application processing, or it may be set to accept only ANSI ASC X12 and NAESB WGQ compliant information into the Receiver's application processing. Compliance checking, in a translator, may be set to several levels. NAESB WGQ recommends that compliance checking be set to the element level in the Functional Acknowledgement.

The 997 informs the Sender whether the translator accepted the file, accepted it with errors, or rejected it. When errors occur, the 997 identifies the level and type of error that was encountered. Once a transaction passes the translator, the 997 is sent to the Sender of the transaction and the data (if accepted) is passed on to the Receiver's business application for processing.

Hypertext Transfer Protocol (HTTP)

The Hypertext Transfer Protocol (HTTP) is an application-level protocol for distributed, collaborative, hypermedia information systems. It is a generic, stateless, object-oriented protocol, which can be used for many tasks, such as name servers and distributed object management systems, through extension of its request methods (commands). A feature of HTTP is the typing of data representation, allowing systems to be built independently of the data being transferred. Appendix A contains a listing of the HTTP version(s) supported by NAESB WGQ QEDM.

HTTP Transaction Set Code Values

The following table contains a list of code values to be used with the transaction set data element, which is a mutually agreeable (MA) data element in the HTTP Request.

HTTP transaction-set Code Values	NAESB WGQ Standard Number	Transaction Set Description
G873NMST	1.4.1	Nomination
G874NMQR	1.4.2	Nomination Quick Response
G873RQCF	1.4.3	Request for Confirmation
G873RRFC	1.4.4	Confirmation Response
G873SQTS	1.4.5	Scheduled Quantity
G873SQOP	1.4.6	Scheduled Quantity for Operator
G874CRQR	1.4.7	Confirmation Response Quick Response
G860PDAL	2.4.1	Pre-determined Allocation
G865PDQR	2.4.2	Pre-determined Allocation - Quick Response
G865ALLC	2.4.3	Allocation
G811IMBL	2.4.4	Shipper Imbalance
G867MSIN	2.4.5	Measurement Information
G867MAUS	2.4.6	Measured Volume Audit Statement
G814RQIN	2.4.7	Request for Information
G814RRIN	2.4.8	Response to Request for Information
G811TSIN	3.4.1	Transportation/Sales Invoice
G820PYRM	3.4.2	Payment Remittance
G822STAC	3.4.3	Statement of Account
G811SRCA	3.4.4	Service Requester Level Charge/Allowance Invoice
G840CROF	5.4.1	Offer Download
G843CRBR	5.4.2	Bid Download
G843CRAN	5.4.3	Award Download
G832CRRC	5.4.4	Replacement Capacity
G843CRWD	5.4.5	Withdrawal Download
G840UPWD	5.4.6	Withdrawal Upload
G840UDOF	5.4.7	Offer Upload
G843UDVL	5.4.8	Offer Upload Quick Response
G840UDRC	5.4.9	Offer Upload Notification

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HTTP transaction-set Code Values	NAESB WGQ Standard Number	Transaction Set Description
G843UDBC	5.4.10	Offer Upload Bidder Confirmation
G824UDCV	5.4.11	Offer Upload Bidder Confirmation Quick Response
G567UDFD	5.4.12	Offer Upload Final Disposition
G840OAUC	5.4.13	Operationally Available and Unsubscribed Capacity
G846UPRD	5.4.14	Upload of Request for Download of Posted Datasets
G846RURD	5.4.15	Response to Upload of Request for Download of Posted Datasets
G864SWNT	5.4.16	System-Wide Notices
G864CRNS	5.4.17	Note/Special Instruction
G843BDUP	5.4.18	Bid Upload
G843BDQR	5.4.19	Bid Upload Quick Response
G997FNAK	N/A	Functional Acknowledgement

TECHNICAL IMPLEMENTATION - INTERNET EDI/EDM & BATCH FF/EDM

Introduction

The NAESB Internet ET standards define the processes for the computer-to-computer exchange of information via the Internet. However, the NAESB Internet ET does not define the file formats that may be transferred. The WGQ QEDM defines two types of files that may be exchanged using the Internet ET standard: EDI and flat file. The EDI files are defined by NAESB WGQ standards in accordance with ANSI X12 standards. The flat file formats are the same flat file formats used in the NAESB WGQ Interactive Flat File standards.

WGQ QEDM-Specific Values for the Internet ET Data Dictionary

The Internet ET allows for specific 'input-format' file formats to be defined by each QEDM. The WGQ QEDM restricts the file formats to the list in the table below.

Business Name	Definition	Format	Usage*	Condition
input-format	Descriptor of the data format used for the file transmitted	**X12; FF; error**	in Request; M	NAESB standard format indicator used in file transmittal

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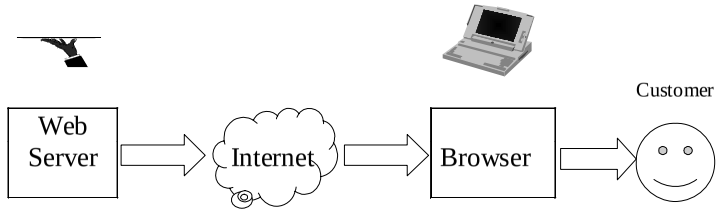
TECHNICAL IMPLEMENTATION - INFORMATIONAL POSTINGS WEB SITE (IP/EDM)

Introduction

The scope of the standards for Informational Postings Web sites pertain to the public content posted on sites implemented by Transportation Service Providers. Public content is identified in NAESB WGQ Standard 4.3.23. Informational Postings Web site standards and guidelines also provide common accessibility of the Web site and its navigation (common "look and feel"). The standards do not attempt to dictate back office system technology or exact placement of data elements. However, the standards do specify the overall site layout, common navigation link terminology and order. Standards pertaining to minimum client configuration for Informational Postings Web sites can be found in Appendix C.

IP/EDM Flow Diagram



Parts of an Informational Postings Web Site

Title bar
This area, which in HTML is denoted by the <TITLE></TITLE> tags, always appears at the top of a page and as a label for minimized window that may appear on the task bar during a browser session. The manner in which the identification of the Transportation Service Provider should appear in the title bar is described in NAESB WGQ Standard 4.3.24.

Left Side - Navigational Area
NAESB WGQ Definition 4.2.7 describes the purpose of the left side of the browser display in the Informational Postings Web site.

Right Side - Content Area
NAESB WGQ Definition 4.2.8 addresses the area to the right of the navigational area. This area is typically used for displaying the documents such as the tariff information or lists of notices to which the user is led by the links appearing on the left.

Page Functions
In NAESB WGQ Standard 4.3.33, certain page navigation requirements are described for the tariff documents.

Page Format
There are multiple ways to separate the designated page sections in HTML. In general, the separate areas of Informational Postings Web sites should be implemented as independent "frames" so that areas can be scrolled independently.

Navigational Links - Terminology and Order of Placement
Throughout the Informational Postings/EDM standards, there are specific labels and ordering which establish the common navigation for all Informational Postings Web sites in the industry.

Page Access
As the type of information published in the Informational Postings Web site is customer non-specific and public, no password prompt is required. NAESB WGQ Standard 4.3.20 addresses this issue.

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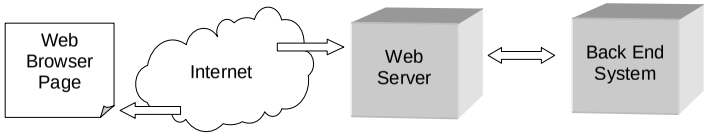
TECHNICAL IMPLEMENTATION - EBB/EDM

Introduction

EBB/EDM refers to the group of standards and business processes that relate to the implementation of the Customer Activities Web sites by Transportation Service Providers. NAESB WGQ standards for Customer Activities Web sites encompass common terminology, the order of data elements, placement of navigation and processing functions, user workstation technical characteristics, and Form and Matrix Areas. NAESB WGQ standards do not include the exact format of the screens, the level of user interactivity, and the technology of back office systems.

Flow Diagram

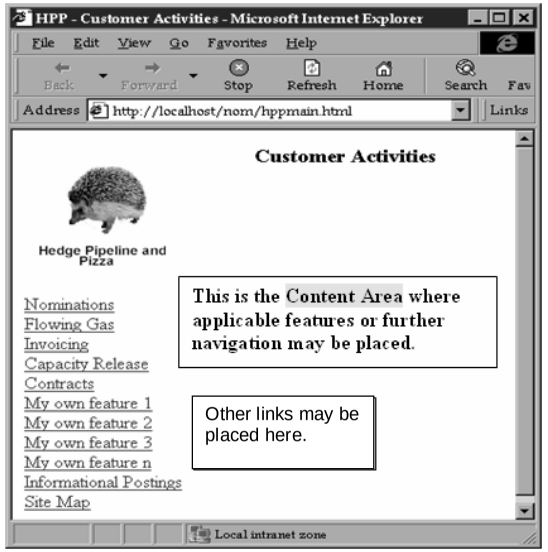


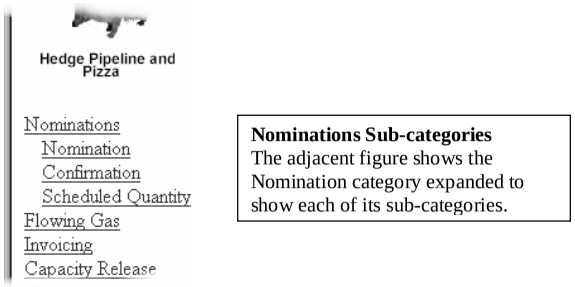
Customer Activities Web Site Overview

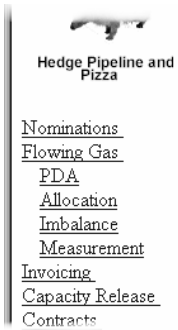
The Customer Activities Web pages contain the same two areas as the Informational Postings site; the Navigation Area and the Content Area. As described in NAESB WGQ standard 4.3.42, the top level navigation menu should include the following categories and labels, as applicable:

- Nominations
- Flowing Gas
- Invoicing
- Capacity Release
- Contracts
- Informational Postings
- Site Map

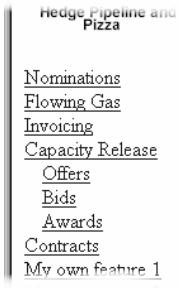
Each of these categories may provide a link to another set of links detailing the associated area. When additional features are placed within this menu, those features should be placed before the Informational Postings label/link. These links, as well as the general layout of the top-level page, may be seen in the example below. When a category does not have a subcategory, the link should directly navigate to the area described. This does not preclude a further breakdown within each sub-category from being listed in the Navigational Area.



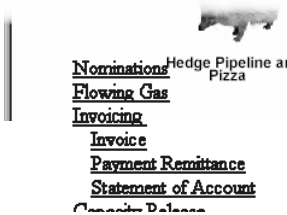




Flowing Gas Sub-categories
The adjacent figure shows the Flowing Gas category expanded to show each of its sub-categories.



Capacity Release Sub-categories
The adjacent figure shows the Capacity Release category expanded to show each of its sub-categories.

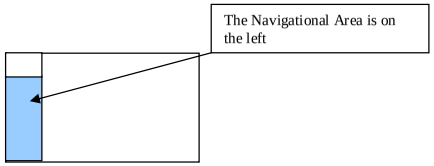


Invoicing Sub-categories
The adjacent figure shows the Invoicing category expanded to show each of its sub-categories.

The Parts of the Page

Navigational Area

Customer Activities Web sites share many of the layout characteristics found in Informational Postings Web sites. The left hand menu is used for navigation to transactional pages. Implementation of this menu should include the categories and sub-categories shown in the Navigation section of this document, as applicable.



Layout on Transactional Pages of Customer Activities Web sites:

The transactional pages are in the Content Area of Customer Activities Web sites. The layout of transactional pages is divided into the following sections/areas:

The Header – The area at the top of the Content Area where search criteria, navigation and processing functions may be displayed.

The Form – The area directly below the Header. The Form is used to display/edit a single item from the Matrix. Alternatively the Form may be a new page or window linked to a selection from the Matrix .

The Matrix – The area below the Form when the Form is on the same page as the Matrix. The Matrix is used to display a list of items for the page and may be used for update/edit. Alternatively, the Matrix may be a new page linked to the Form.

On the nominations screen, the Form and the Matrix may be combined into one, if no left and right scrolling is required to enter a nomination.

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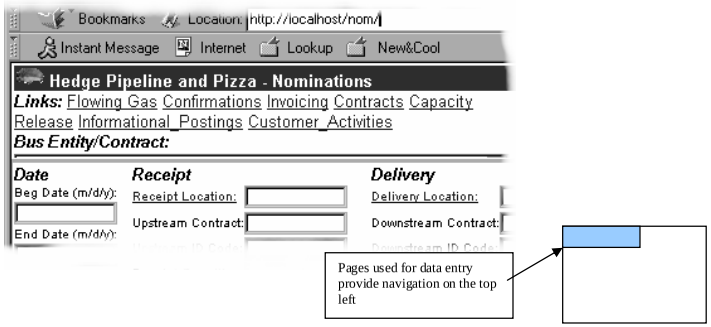
Navigation on Customer Activities Web Sites

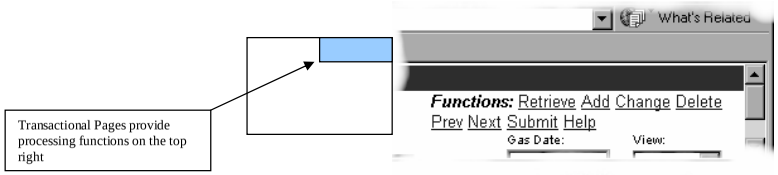
Although the Navigational Area is provided on the left, many of the data entry pages may not accommodate space for a menu. In this instance, the navigation links may be placed on the upper left portion of the page. The number and type of links provided are not standardized.

Example:



Processing Functions

Processing Functions vary between implementations of the transactional windows on Customer Activities Web sites. These functions should appear in the top right area of the page. A given function may or may not be used on any given site.



Example:

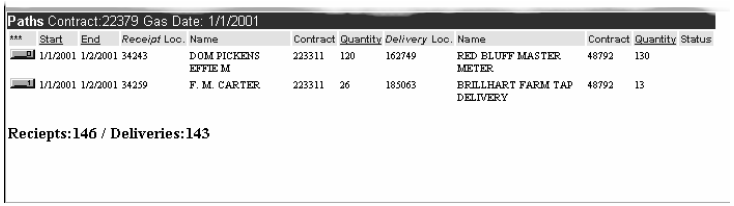
The Form

The Form area of a data entry page is the portion that holds a display, and sometimes entry/edit fields for a single selected row of data. The Form provides an area that displays the record without scrolling. The data in the Form can be populated when a record is selected from the Matrix. There are several technical implementations of this area, including:

- Implement the Form and Matrix in separate frames to allowing each to be displayed on the same page.
- Implement the Form and Matrix in separate linked pages allowing each to be displayed independently.
- Build the Form and the Matrix as integrated objects allowing communication between the displays on either one or multiple pages.
- Employ a script to populate input fields based on selections and their corresponding events on either one or multiple pages.

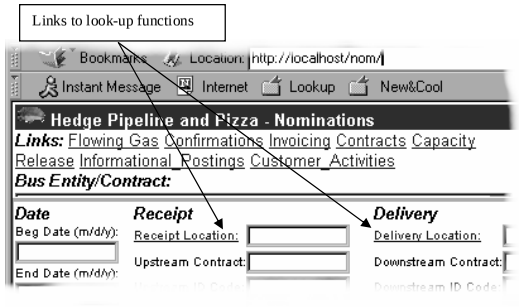
The Matrix

The Matrix is a formatted list of items allowing a user to select a given row/record. The selection can be accomplished by various mechanisms including a simple link, a button, or a JAVA® control. The order of the columns in this list is not standardized if a Form is provided. For the Nominations sample entry page below, the Matrix contains a list of nominations:



Look-ups

Look-ups are links associated with a function to that given value. For example, a Nominations page may require look-ups for receipt and delivery locations. A selector could 'pop-up' a device to search for a location value when the mouse pointer is near that value. Implementations of this feature include, but are not limited to, links that open another window with a structured search function.



Security

Firewalls

A firewall is one or more computers running special software designed to provide control of communications between two networks and prevent the availability of services and confidential internal data to unwelcome intruders from the Internet. Its purpose is to limit the types of services between the two networks. Often, a company's connection to the Internet is intended to provide other services to its employees who connect to an internal network such as a Local Area Network or Wide Area Network (LAN or WAN). Examples include access to the World Wide Web, use of e-mail, use of file transfer capabilities and publishing content intended for viewing by the external world on a Web server. In addition, the internal network will likely have connections to host computers which provide internal services such as file and print sharing, fax and database capabilities. There are two general mechanisms employed by firewalls to provide control: packet filtering and proxy services. Packet filtering examines important components of the messages such as the address of the sending and target computers and the designator (port number) for a specific application running on the target computer. Packet filtering can prevent access to specific computers or programs on those computers as well as reject messages from certain computers. Among other features, proxy servers act as relay agents that examine the attempted use of certain features within an application thus limiting access to these features. Proxy servers also hide (by substituting its own address) the internal addresses of clients communicating with external hosts making it difficult for potential attackers to focus on specific internal hosts. Because firewalls are designed to deal with a broad set of security issues, this guide does not attempt to provide specific implementation information.

Login and Encryption

Customer Activities Web sites should require a single logon/password pair for each user session. HTTP Basic Authentication or similar logon/password mechanism(s) using 128-bit encryption should protect access to Customer Activities Web sites. This may be implemented through any of the following techniques:

- 128-bit SSL
- 128-bit RSA JAVA® communications
- 128-bit Secure ICA®

Server Specifications – Ports

Servers should be configured to use one of the allowable TCP ports listed in Appendix D.

Transportation Service Provider EBB/EDM implementations should minimize the number of outbound ports that are required to be opened on the client side firewall. Each time a server application requires an additional open port, it is potentially necessary for the users of that site to open another outbound port. An effort has been made to provide a limited number of these ports, and a user should be able to use any Customer Activities Web site if all of these outbound ports have been provided.

Client Specifications*

General

A workstation configured in accordance with the hardware and software recommendations provided in Appendix B should be able to access any compliant Customer Activities Web site. Developers of Customer Activities Web sites should ensure that their applications run on a client workstation configured in accordance with Appendix B.

Browser Characteristics

HTML
Features of HTML including Frames, Tables, Style Sheets, DHTML, JavaScript, etc. and should be tested under any allowed browser. Features should not be provided that are only supported by a single browser. For example if a given DHTML tag is not available in all supported platforms it cannot be used, or the application must detect the variation in browser and accommodate the difference. The key to a successful implementation is to accommodate every function under all standard platforms using all standard browsers.

JAVA®
The standards allow for the use of a particular JAVA® version. This version is not normally provided with the common browsers, and compatibility may require the use of a JAVA® plug-in.

ICA®

* **Technical implementations above represent a non-comprehensive set of choices which an implementer may use. This list in no way should be construed as an endorsement by NAESB WGQ of any specific products. Other products supporting the technical implementation may be used.**

In order to facilitate the transition of client server applications, an ICA® plug-in is allowed in the standard. This plug-in provides a remote image from the server. Since ICA® is not necessarily a Browser object, linking and menus may behave differently.

TECHNICAL IMPLEMENTATION - INTERACTIVE FF/EDM

Introduction

NAESB WGQ defines two ways in which flat files could be used to send transactions and transaction responses: interactive and batch. The batch process utilizes the NAESB Internet ET and is described elsewhere in this manual. This section covers implementation considerations for the use of interactive flat files.

In general, interactive flat file communication is similar to EBB/EDM. For example, both involve human interaction and both use a Web browser and Web server to accomplish their purpose. Interactive FF/EDM differs from EBB/EDM in how the transaction data is formatted and prepared. EBB/EDM allows for direct Web page entry of data, while FF/EDM files contain data that has no structured interrelationship between its data records. FF/EDM files are typically prepared as part of a separate off-line process.

A variety of tools can be used to prepare flat files. However, the intent of the NAESB WGQ standards is to facilitate the preparation of flat files by creating standards that are consistent with how spreadsheets, or other tools, save files. Further, the standards were devised to avoid the need for programming (e.g., using spreadsheet macros) in order to create the file. The Sender can choose the order of the data elements in the flat file. To maintain flexibility, the Receiver must interpret the response in the order of the data elements provided by the Sender. This implies programming to interpret the received file on the part of the Receiver.

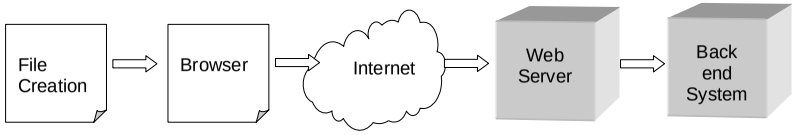
The Receiver of a flat file may choose different mechanisms to respond to an interactively uploaded file. While NAESB WGQ has set no standards as to how this should be accomplished, an example response is an HTML screen which highlights any errors found. As another example, the response could be part of the same Web connection (HTTP round trip) or an asynchronous mechanism (e.g. notification via email or as results on a Web page).

FF/EDM employs Secure Sockets Layer - HTTPS (RFC 2246). Implementers of FF/EDM should refer to Appendix B - Minimum Technical Characteristics and Guidelines for the Developer and User of the Customer Activities Web Site. This portion of the guide assumes an HTTP multipart form file upload (see RFC 1867). Other implementations (e.g., custom JAVA applet, JSP) are not described; however, some of the same considerations described below are applicable.

Flow Diagram

This paragraph and the following diagram depict a possible flat file upload process. The Sender portion of the flat file process is on the left and the Receiver portion is on the right. The Web server will prompt the Sender for a logon id and password. The Web browser and Web server cooperate to ensure encryption of the upload file and the response. The Web server may perform a certain amount of pre-validation before sending the file to the Receiver's backend system for further processing. When the backend system completes the processing, the results are then formatted, possibly as a file, email or an HTML response, and are sent back to the browser or the Sender. If errors are reported in these results, the user would correct them in the source document, resave the flat file and repeat the process. This process would continue until no errors are returned.

Sender's process to submit a file to the Receiver



Implementing Interactive FF/EDM Using a Web Page

NAESB WGQ standards do not specify the use of a Web page or determine the design of a Web page for Interactive FF/EDM. However, this section makes suggestions as to how Interactive FF/EDM could be implemented using a Web page or an Interactive Browser.

Header Area Left side

The top left side of the Web page can provide navigation to the Customer Activities home page and/or directly to some of its major menu items, similar to the Header section for EBB/EDM.

Header Area Right side

The top right side of the Web page can provide for invocation of page functions as it does for EBB/EDM. Since Interactive FF/EDM does not need many of the EBB/EDM functions, this portion of the page may be limited to such things as the submit function.

Forms Area

The Forms area for Interactive Flat File uploads will depend on how interactivity is implemented and whether optional response types are made available. Suggested data elements for the Forms area include:

- a text box to specify the file to be uploaded;
- a submit function as part of a multipart form;

- alternate response types if provided;
- a method for indicating the common codes of the sender and receiver;
- a transaction type;
- a file type and
- a transmission reference number.

An example of an Interactive FF/EDM Forms area is provided in a subsequent section of this document.

Page Functions

The submit function will have the effect of uploading the flat file for processing by the back end system. Depending upon the specific implementation, it may generate an acknowledgement of the receipt of the uploaded file, errors encountered in the pre-validation (if any) and/or the actual results of the backend processing (e.g., Quick Response).

Page Format

To accomplish a file upload, the Forms area must include a multi-part form, which requires special HTML values for the Form tag. Form tag/values are ENCTYPE="multipart/form-data", ACTION="scriptname" and METHOD="POST" where *scriptname* is the script or program which processes the upload file on the Web server. The form will also contain a tag specifying a file as a type of input such as the following: <input type="file" size="30" name="input-data">.

File Creation

The creation of the required flat file format may be possible without programming, for example by the use of a spreadsheet or text editor. The first row of the file is a "heading" row containing the names of the data elements being uploaded (see NAESB WGQ Standard 4.3.81). Subsequent rows of the spreadsheet contain data values (note NAESB WGQ Standard 4.3.82). When all data is entered, the file should be saved in an appropriate file type such as comma separated values (CSV).

Uploading Mechanism

If both EBB/EDM and Interactive FF/EDM are available, it may be useful to have submenus for each function under the appropriate NAESB WGQ standard menu. Once this menu is chosen, the user can be presented a Web page as described above.

Receipt Programming

Interpreting a multipart form upload

A multipart form is sent to the Web server using a layout described in the applicable Internet Request For Comment (RFC). The RFC describes how a multipart form allows the uploading of a variety of MIME types from a single form, one of which is a file type. As part of the upload, an HTTP header is sent indicating the string of characters which acts as a delimiter for each part of the upload form. If the form is processed by a receiving program (e.g., using C/C++, Perl or other), it

will have to parse the data using the RFC as a specification of data format.

Use of commercial components

For some Web servers, it may be possible to obtain a commercially available component which reduces the task of receiving an uploaded file to a simple object method and property syntax.

Assigning data element values (parsing the uploaded file)

Once the file has been successfully received by the Web server, it may be useful to pre-validate it as much as possible. To pre-validate, the individual elements of the file need to be parsed and stored. Assigning the data elements to the proper storage area is facilitated by the first row which provides standardized abbreviations (see NAESB WGQ Standard 4.3.81) for each position in the delimited file's records (or rows).

Pre-validations

At this stage it may be possible to reject the uploaded file for various reasons to avoid sending "garbage data" to the backend system. Possible rejection reasons include unrecognized header row data element name(s) or a binary data file. The goals of pre-validation are to avoid unnecessarily burdening of backend systems and to provide the fastest possible response to the user.

Synchronous vs. Asynchronous

Interactive FF/EDM may be implemented in a variety of ways. One type of implementation could be characterized as "synchronous" where the user waits for the reply from backend system validations as part of the same HTTP round trip. In other words, after pressing the submit button, the system returns to the browser a response confirming the receipt of the uploaded file followed by the validation response.

In contrast, an "asynchronous" implementation acknowledges receipt of the uploaded file and will make the results of the backend system validations available at a later time. The user may or may not be notified of the availability of the full validation response. If not notified, the user may periodically check a specified Web link for a list of available responses. NAESB WGQ does not specify how the EBB/EDM or Interactive FF/EDM accomplishes the receipt of a validation response.

Interface to the Backend System

NAESB WGQ standards make no attempt to specify backend mechanisms. Typical implementations may include two-tier (traditional client/server applications), two-tier with data base stored procedures or three-tier.

Formatting the response

As previously mentioned, the response can be presented in an HTML screen or in a flat file. The response method may be based on an option provided to the sender on the upload form. Flat file responses must conform to the NAESB WGQ standards which include flexibility in the order of data elements within a record (or row).

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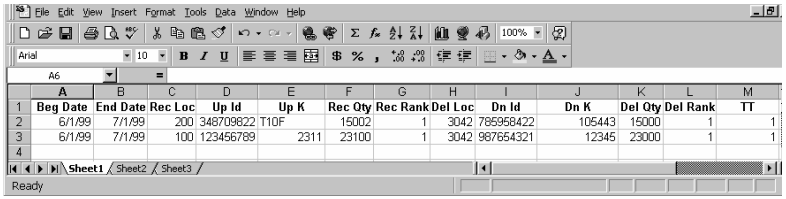
Examples

Sample spreadsheet used to develop a flat file

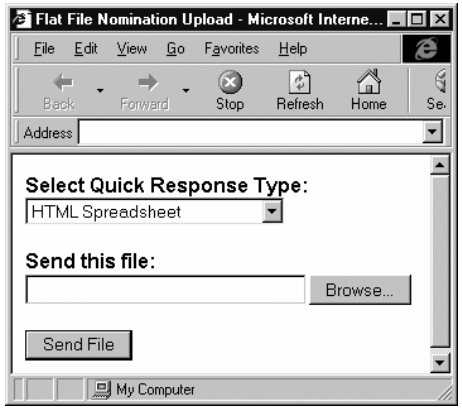


	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Beg Date	End Date	Rec Loc	Up Id	Up K	Rec Qty	Rec Rank	Del Loc	Dn Id	Dn K	Del Qty	Del Rank	TT
2	6/1/99	7/1/99	200	348709822	T10F	15002	1	3042	785958422	105443	15000	1	1
3	6/1/99	7/1/99	100	123456789	2311	23100	1	3042	987654321	12345	23000	1	1
4													

Flat file developed from a spreadsheet

Beg Date,End Date,Rec Loc,Up ID,Up K,Rec Qty,Rec Rank,Del Loc,Dn ID,Dn K,Del Qty,Del Rank,TT
19990601,19990701,200,348709822,T10F,15002,1,3042,785958422,105443,15000,1,1
19990601,19990701,100,123456789,2311,23100,1,3042,987654321,12345,23000,1,1

Sample HTML upload form



HTML for Sample Form

The following is the HTML for the above (note the user of multipart form and the post method):

```
<html>
<head>
<title>Flat File Nomination Upload</title>
</head>
        <form ENCTYPE="multipart/form-data" ACTION="ProcessUpload.asp" METHOD="POST">
                <p><strong>Select Quick Response Type: </strong><br>
                <select name="QRType" size="1">
                        <option value="Spreadsheet">HTML Spreadsheet</option>
                        <option value="Echo">HTML Echo of Input with Errors</option>
                        <option value="Tab">Tab Delimited Flat File</option>
                        <option value="Comma">Comma Delimited Flat File</option>
                        <option value="Fixed">Fixed Format Flat File</option>
                </select></p>
                <p><strong>Send this file:<br></strong>
                <input type="file" size="30" name="input-data"></p>
                <p><strong><input type="submit" value="Send File"></strong></p>
        </form>
</body>
</html>
```

Security

Authentication

NAESB WGQ Standard 4.3.84 calls for use of Basic Authentication, which is a standard part of the HTTP specification. Access to Interactive FF/EDM screens requires user-id and password. Login screens should be protected with Secure Socket Layer (SSL) encryption as described below.

Encryption

NAESB WGQ Standard 4.3.83 calls for the use of 128-bit encryption using Secure Socket Layer (SSL) technology. SSL is accomplished by obtaining a certificate from providers and using Web servers capable of using these certificates to accomplish SSL. Browsers specified in Appendix C are compatible with SSL mechanisms. Pages to be protected with SSL must be invoked with the HTTPS protocol by using “https” (versus “http”) as part of the hyperlink (HREF) name. The use of the HTTPS protocol requires the fully qualified URL rather than a relative link name.

APPENDIX A - Reference Guide

CGI

A source on CGI is a book entitled “Special Edition Using CGI” by Jeffrey Dwight and Michael Erwin.

Firewall Security

A source which covers this topic in detail is a book entitled "Firewalls and Internet Security: Repelling the Wily Hacker" by William Cheswick and Steven Bellovin.

NAESB

The NAESB Web Site: (http://www.naesb.org) is a primary reference for natural gas industry standards.

HTTP

The NAESB WGQ EDM architecture is based on HTTP 1.1, and all implementations should be compatible with this version.

W3C WorldWide Web Consortium. All aspects of HTTP, HTML, and other Web-related topics are documented at http://www.w3.org.

General information regarding HTTP an basic terminology is documented at http://www.w3.org/Protocols/HTTP/1.1/spec.html.

Syntax information for multipart can be found in IETF RFC1341 section 7.2. (http://www.ietf.org)

HTML

Before April 24, 1998, the recommended standard from the WorldWide Web Consortium was HTML 3.2. The specification for this standard can be found at http://www.w3.org/pub/WWW/TR/REC-html32.html.

Effective April 24, 1998, the WorldWide Web Consortium has made a recommendation for HTML 4.0. Information on HTML 4.0 may be found at http://www.w3.org/TR/REC-html40/.

http://www.ncsa.uiuc.edu/General/Internet/WWW/HTMLPrimer.html

http://www.interlink-2000.com/guide-to-publishing-html.html

Special Edition Using HTML, Second Edition, Mark Brown, John Jung, and Tom Savola, Que Corporation, 1996.

Time Synchronization

Time synchronization is required to assure that all trading partners transaction times are accurate. Time accuracy is dependent on how much a system’s clock drifts, how frequently it is resynchronized and the accuracy of the source used for synchronization.

Authoritative time synchronization is now being provided by governmental agencies around the world based on a synchronized network of atomic clocks. In the United States this includes the U. S. Naval Observatory and the National Institute of Standards and Technology.

One method of obtaining the current time is from the U. S. Naval Observatory’s Web site at http://tycho.usno.navy.mil/cgi-bin/timer.pl. The output from this page can easily be edited and reformatted to set a local system’s time. Commercial, shareware and public domain packages are also available to synchronize system times. Among them are NTP (which is an Internet standard), internet daytime, nisttime / usnotime.

Further information on time synchronization may be found at the following Web sites:

http://tycho.usno.navy.mil/ntp.html

http://www.ccd.bnl.gov/xntp

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APPENDIX B - Minimum Technical Characteristics and Guidelines for the Developer and User of the Customer Activities Web Site[1]

Browser Characteristics (includes defined NAESB WGQ current versions):

Features as supported by the latest Generally Available (GA) versions of both Netscape®[2] and Internet Explorer®[3] within 9 months of such GA version becoming available, including -

- Frames & Nested Frames
- Tables & Nested Tables
- HTML
- Cookies
- JavaScript
- SSL 128-bit RSA Encryption
- Style Sheets

Plug-ins (GA versions within 9 months of such GA versions becoming available)

- JAVA®
- ActiveX® [4] (Plug-in for Netscape®)
- Adobe Acrobat Reader® [5]
- Systems Incorporated
- Independent Computer Architecture (ICA®) [6] - Protocol used for remote control access to an application

Operating Systems:

Operating systems on a client workstation should be multithreaded and pre-emptive.

Hardware:

CPU	>=500 MHz
Memory	>=256 MB Physical
Display Resolution	>=1024 x 768, 16K colors
Connection	>=56 KB

1 Configuration shown indicates a minimum except where a specific level is established. 'Minimum' implies a level where a reasonable experience for the user may be achieved. These levels also indicate the level that a user may expect that a client has been tested. Results may be less than satisfactory, or may preclude use of a site, if the user chooses to use anything less than those levels shown.

2 Netscape® is a registered trademark of Netscape Communications Corp.

3 Internet® Explorer is a registered trademark of Microsoft Corporation.

4 ActiveX® is a registered trademark of Microsoft Corporation.

5 Adobe®, Acrobat®, and Reader® are registered trademarks of Adobe.

6 ICA® is a registered trademark of Citrix Systems Inc.

Example Configuration[1]

Hardware:	CPU: 500 MHz or higher Memory: 256MB Physical Display Resolution: 1024 x 768, 16K colors Pointing Device with left and right click capability
Operating Systems:	Windows®[2] 98 Windows® NT 4.0 Windows® 2000
Connection:	56KB modem ISDN Direct Connect (T1, Fractional T1, etc.) DSL Cable-Modem
Browser:	Netscape® Communicator/Navigator Microsoft® Internet Explorer
Plug-ins:	JAVA® ActiveX® (Plug-in for Netscape®) Adobe Acrobat Reader® ICA®

Memory - Users who want to have multiple applications or EBBs open simultaneously should consider more memory.

CPU Speed - Users should be aware that higher CPU speeds may result in better performance.

1 Specific products should be reviewed prior to implementation for Year 2000 compliance. Examples provided represent a non-comprehensive set of configurations that a client may use. This example list in no way should be construed as an endorsement by NAESB WGQ of any specific products. Other products meeting the minimum technical characteristics of the client workstation may be used.

2 Windows® is a registered trademark of Microsoft Corporation.

APPENDIX C - Minimum and Suggested Technical Characteristics and Guidelines for the Developer and User of the Informational Postings Web Site

User technical characteristics provide specifications to the developer on the user environment for which the application will be designed and tested. Likewise, they will serve as guidelines to the user when purchasing the appropriate hardware and software to enable him/her to use the application.

Informational Postings Web Site User Technical Characteristics

	Minimum	Suggested
Connection Device:	33.3Kbs	Direct Connect
Operating System:	Multi-threaded & Preemptive	
RAM:	128 MB	>128 MB
Browser Capabilities:	Cookies & JavaScript Frames & Nested Frames Tables & Nested Tables HTML 3.2 Adobe Acrobat Reader®	
Display Resolution:	1024x768, 16k colors	>1024x768, 16k colors

Definitions:

Minimum user technical characteristics -

The environment and components for which the Web site application is designed and tested. This should include:
- a client environment comprised only of characteristics listed above, and,
- support for all mandated functions in accessing Informational Postings.

Suggested user technical characteristics -

Environment or components not required to perform all mandated functions in accessing Informational Postings, but could provide an enhanced user experience.

Examples of User Workstations Meeting Criteria of Informational Postings Web Site User Characteristics[1]

	Minimum	Suggested
Hardware:	Pentium®[2] 200MHz or equivalent	Pentium® 500MHz or greater
RAM:	128 MB	> 128 MB
Communication Device:	33.3 Kbs	Direct Connect ISDN Satellite 56 KB modem DSL Cable-Modem
Monitor:	12" Laptop 15" Desktop	> 12" Laptop > 15" Desktop
Display Capabilities:	1024x768 16k colors	> 1024x768 > 16k colors
Operating System:	Windows® 95 System 8®[3] Solaris®[4] 2.6	Windows® XP Windows® 98 Windows® NT 4.0 Solaris® 8 System 9® Windows® 2000 Windows® ME Linux
Browser:	Microsoft Internet Explorer®	Microsoft Internet Explorer®

1 Technical implementations above represent a non-comprehensive set of choices which an implementer may use. This list in no way should be construed as an endorsement by NAESB WGQ of any specific products. Other products supporting technical implementation may be used.

2 Pentium® is a registered trademark of Intel Corporation.

3 System 8® and System 9® are registered trademarks of Apple Computers, Inc.

4 Solaris® is a registered trademark of Sun Microsystems, Inc.

Netscape® Communicator	Netscape® Communicator

Informational Postings Web Site Developer Technical Characteristics

User's environment supporting the above minimum characteristics should be able to access all NAESB WGQ standardized features of Informational Postings Web Sites.

Any other Web technologies may be considered for use by the developer as long as they can be used by the client without requiring special actions including firewall rule changes that are not specified in Appendix D, use of a specific browser, logons and downloads of special helper applications such as plug-ins, viewers or readers except as specifically identified in this Appendix.

APPENDIX D - Minimum Technical Characteristics For EDM Communications

The following ports may be used by EDM developers and should be made available in user environments.

Allowable TCP Ports (not UDP ports)
- HTTP HTTPS 80, 443, 5713, 6112, 6304, 6874, 7403
- ICA® 1494
- RMI(Java®) 1099-1100
- Java® Telnet 31415
- TCP Optional 8001-8020**
- SMTP 25

Allowable UDP Ports (not TCP ports)
- Secure ICA® 1604

There are other technologies available that would require additional ports to be opened, such as FTP and Telnet. If and when NAESB WGQ approves such technologies, this list will be modified accordingly. The client-side firewall implementation and client browser settings should permit the downloading and installation of NAESB WGQ approved plug-ins and modules. Please refer to the NAESB WGQ defined Minimum Technical Characteristics for Accessing Customer Activities Web Sites for the listing of NAESB WGQ approved plug-ins and modules.

**The reservation of 20 optional ports was to provide room for implementations such as DCE, IIOP, and load balancing implementations. TSPs should endeavor to minimize the usage of these ports.

ICA® is a registered trademark of Citrix Systems Inc.

JAVA® is a registered trademark of Sun Microsystems, Inc.

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From: Mills, Randy D
To: Veronica Thomason
Sent: Thu Mar 10 09:52:57 2005
Subject: RE: Request for Comment: 2005 WGQ Annual Plan Item #3 - Preparation of QEDM for WGQ - Due April 8, 2005

CVX accepts as written.

Randy Mills

-----Original Message-----
From: Veronica Thomason [mailto:vthomason@naesb.org]
Sent: Wednesday, March 09, 2005 5:32 PM
To: Veronica Thomason; Rae Mcquade; Kirby, DeDe; Rager,Denise
Subject: Request for Comment: 2005 WGQ Annual Plan Item #3 - Preparation of QEDM for WGQ - Due April 8, 2005

Dear WGQ Members -

An industry comment period begins today, March 9, 2005 and ends on April 8, 2005 for one WGQ recommendation:

Recommendation 2005 WGQ Annual Plan Item #3 - Preparation of QEDM for WGQ –

http://www.naesb.org/pdf2/2005_wgq_ap3_rec.doc.

All interested parties, regardless of membership status within NAESB are eligible to submit comments for consideration. The WGQ Executive Committee will review this recommendation and consider it for vote as NAESB Wholesale Gas Quadrant (WGQ) standard on May 12, 2005, and in that consideration will review all submitted comments.

All comments received by the NAESB office by end of business on April 8th will be posted on the Home Page (http://www.naesb.org/request.asp) and forwarded to the WGQ EC members for their consideration. If you have difficulty downloading the recommendation, please call the NAESB office at (713) 356-0060. The recommendation is also attached for your convenience.

Best Regards,
DeDe Kirby

cc: Rae McQuade, Executive Director

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

via email and posting

TO: NAESB WGQ Members and Interested Industry Participants
FROM: Todd Oncken, Deputy Director
RE: Wholesale Gas Quadrant Request for Comments
DATE: February 22, 2005

An industry comment period begins today, February 22, 2005 and ends on March 24 for one WGQ recommendation:

Recommendation 2005 AP #8 FERC Order 2004 (Affiliate Order) –
http://www.naesb.org/pdf/2005_wgq_ap8.doc

All interested parties, regardless of membership status within NAESB are eligible to submit comments for consideration. The WGQ Executive Committee will review this recommendation and consider it for vote as NAESB Wholesale Gas Quadrant (WGQ) standard on March 28, 2005, and in that consideration will review all submitted comments.

All comments received by the NAESB office by end of business on March 24 will be posted on the Home Page (http://www.naesb.org/request.asp) and forwarded to the WGQ EC members for their consideration. If you have difficulty downloading the recommendation, please call the NAESB office at (713) 356-0060. The recommendation is also attached for your convenience.

Best Regards,

Todd Oncken

cc: Rae McQuade, Executive Director

North American Energy Standards Board
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Home Page: www.naesb.org

NAESB Wholesale Gas Quadrant Members as of February 22, 2005

Organization	Segment	Contact
8760	s	Jim Buccigross
AEP Energy Services, Inc.	s	Cathy Szasz
Alliance Pipeline LP	pl	Neil Coghlan
Ameren Corporation	l	Scott Glaeser
Apache Corporation	pr	Michele Markey
Arizona Public Service Company	e	Gary Duede Kelly Daly Curt Brechtel
Atmos Energy	pl	Steve Easley
Ballard Natural Gas, LLC	s	Susan Thibodeaux
Baltimore Gas & Electric Co.	l	Steven Zavodnick
Barclays Bank PLC	s	Guy Kern-Martin
BG LNG Services, LLC	s	Martha Braddy
Boeing Company, The	e	Tina Burnett
BP Energy	pr	Bill Benham Lauren Kaestner
Bridgeline Gas Marketing	pl	Georgia Blanchard
Burlington Resources	pr	Paul Keeler
Calpine Energy Services, LP	e	Janet Dixon Craig Chancellor
Cargill Incorporated	s	Kathy Gerken
Cascade Natural Gas Corporation	l	Mark Sellers-Vaughn
CenterPoint Energy Gas Services, Inc.	s	James G. Beste
CenterPoint Energy Gas Transmission Company	pl	Larry Thomas
CenterPoint Energy Mississippi River Transmission Corp.	pl	Robert Trost
Chandeleur Pipe Line Company	pl	Janice E. Rogers
Chevron/Texaco	pr	Randy Mills
Cinergy	e	John Procario
Cinergy Marketing and Trading	s	Maribeth Bedevian
Columbia Gas Transmission	pl	Carl Levander
Columbia Gulf Transmission Co.	pl	Carl Levander
Comprehensive Energy Services	e	Jim Templeton
ConocoPhillips Gas and Power	pr	Peter Frost

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Organization	Segment	Contact
Consolidated Edison Company of NY	l	Mary Jane McCartney Jim Stanzione
Constellation Energy Commodities Group, Inc.	s	Robert McKay
Dauphin Island Gathering Partners	pl	Katie Rice
Defense Energy Support Center	e	Veronica Jones Kevin Ahern
Department of Energy	e	Christopher Freitas
Dominion Exploration and Production, Inc.	pr	David Ogden Gary Weaver Sheri Heslington
Dominion Resources	l	Craig Colombo
Dominion Transmission, Inc.	pl	Gary Sypolt Iris King
Duke Energy Gas Transmission - Texas Eastern	pl	Richard Kruse
Edison Mission Marketing and Trade	e	Christian Hnat William Roberts
El Paso Eastern Pipelines	pl	Larry Smith Mark Gracey
El Paso Natural Gas	pl	William Griffith
El Paso Production Company	pr	Bill Hebenstreit
Enbridge Energy Company, Inc.	pl	Terry McGill
EnCana Corporation	pr	Keith Sappenfield
EnCana Marketing (USA) Inc.	s	Keith Sappenfield
Energy East Management Corporation	l	Marjorie Perlman
Energy Velocity	s	Konni Keuter
Entergy Services, Inc.	e	Arlynn Kelleher Terry Shields
Equitable Gas Company	l	Steve Rafferty
Equitrans, L.P.	pl	Mina Speicher
ExxonMobil Gas Marketing	pr	Richard Smith
Florida Power & Light Company	e	Dona Gussow
Florida Reliability Coordinating Council	e	Joe Stepenovitch
Gas Transmission Northwest Corporation	pl	Jay Story
Great Lakes Gas Transmission	pl	Gene Fava
Group 8760	s	Jim Buccigross
Gulf South Pipeline	pl	Claire Burum Randy Young

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Organization	Segment	Contact
H S Resources Inc.	pl	Carol Hall
Imperial Irrigation District	e	William Rapp
Iroquois Gas Transmission System	pl	Tom Gwilliam
Kern River Gas Transmission Company	pl	Janie Nielsen
Kerr-McGee Oil and Gas Company	pr	Charles (Chuck) Johnson
KeySpan Energy	l	Dolores Chezar
Laclede Gas Co.	l	Kenneth Neises
Latitude Technologies	s	Leigh Spangler
Louis Dreyfus Energy Services L.P.	s	Mary Ellen Bell Ruby H. Melton
Lower Colorado River Authority	e	Mickey Bell
Lyn Maddox Consulting	s	Lyn Maddox
Marathon Oil Company	pr	Robin Perrine
Mewbourne Oil Company	pr	Michael F. Shepard
National Fuel Gas Distribution	l	Michael Novak
National Fuel Gas Supply Corp.	pl	Joseph Kardas
Natural Gas Pipeline Co of America	pl	Paul Love
New Jersey Natural Gas Company	l	Douglas C. Rudd
Niagara Mohawk Power Corporation	l	Bruce Garcy
Nicor Gas	l	Nancy Brucher
NiSource Inc.	l	M. Christopher Maturo
NJR Energy Services Company	s	Ginger Richman
Northern Natural Gas	pl	Mary Darveaux
Northwest Natural Gas Company	l	Randolph Friedman
NOVA Gas Transmission Ltd.	pl	Doug Miller
Occidental Energy Marketing Inc. (OEMI)	pr	Carol Wilson
Pacific Gas & Electric	l	John Breen
Panhandle Eastern Pipe Line	pl	Bill (William) Grygar Kim Van Pelt
PECO Energy Co.	l	Reed R. Horting Amy Hamilton
Pemex Gas Y Petroquimica Basica	s	Juan Enrique Gonzales Azuara
Peoples Gas Light & Coke Co.	l	Tom Zack
Platts	s	Bill Murphy
Portland General Electric	pl	Kathy Davies

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Organization	Segment	Contact
Portland Natural Gas Transmission System	pl	David Morgan
PPL EnergyPlus, LLC	e	Anne Lovett
Promet Energy Partners, LLC	s	Gregory R. White
Public Service Electric & Gas	l	David Wohlfarth
Questar Pipeline Co.	pl	Scott Hansen
Quorum Business Solutions Inc.	s	Douglas Allen
Sabine Pipe Line LLC	pl	Jan Rogers
Salt River Project Agricultural Improvement & Power District	e	Diane McVicker
SCANA Corporation	pl	Jacquelyn Gettle
Sempra Energy - Southern California Gas Co.	l	Lee Stewart Rodger Schwecke
Sequent Energy Management, L.P.	s	Pat Metteauer
Shell Gas Transmission, LLC	pl	Chuck Cook
SolArc Inc.	s	Tim Curtis
Southern California Edison Company	e	Roman Bakke
Southern Company Services, Inc.	e	Carl Haga
Southern Natural Gas Co.	pl	Renee Hyde Ronnie L. Martin
Southern Star Central Gas Pipeline	pl	James L. Harder Dale Sanders
Southwest Gas Corporation	l	Larry Black
SunGard Energy Systems	s	Chuck McClure Jennifer Chen
Telvent	s	William (Bill) Morrow
Tennessee Valley Authority	e	Valerie Crockett
Texas Gas Transmission, LLC	pl	Jeff Bittel
Tiger Natural Gas	s	Tracy Phillips
Tractebel Energy Marketing, Inc.	s	Mark Hodges
TransCanada Pipelines	pl	Doug Miller
Trinity Apex Solutions, Inc.	s	Richard (Dick) Couron
TXU Energy Trading Co.	s	Mike Grim
UBS Energy LLC	s	Suzanne Calcagno
Vector Pipeline L.P.	pl	Amy Bruhn
Washington Gas Light Co.	l	Adrian Chapman Tim Sherwood

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Organization	Segment	Contact
Westfield Gas & Electric Light Dept.	l	Joyce Bodak
Williams Gas Pipeline	pl	Dale Davis Ron Mucci
Williston Basin Interstate Pipeline	pl	Keith Tiggelaar
Wisconsin Public Service Corporation	l	Patrick Fox

Segment Legend:

e = End Users
l = LDCs
p = Pipeline
r = Producer
s = Services

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

2005 AP #8 FERC Order 2004 (Affiliate Order)

1. RECOMMENDED ACTION:

___Accept as requested
___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:	**Per Recommendation:**
___Initiation	_X_Initiation
___Modification	_X_Modification
___Interpretation	_X_Interpretation
___Withdrawal	___Withdrawal
___Principle (x.1.z)	___Principle (x.1.z)
___Definition (x.2.z)	___Definition (x.2.z)
___Business Practice Standard (x.3.z)	_X_Business Practice Standard (x.3.z)
___Document (x.4.z)	___Document (x.4.z)
___Data Element (x.4.z)	___Data Element (x.4.z)
___Code Value (x.4.z)	___Code Value (x.4.z)
___X12 Implementation Guide	___X12 Implementation Guide
___Business Process Documentation	___Business Process Documentation

3. RECOMMENDATION

SUMMARY:

Modify the following NAESB WGQ Standard:
4.3.23

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

2005 AP #8 FERC Order 2004 (Affiliate Order)

STANDARDS LANGUAGE:

4.3.23 Transportation Service Providers should establish an Informational Postings Web site accessible via the Internet. The subcategories and labels for the categories of Informational Postings should be as follows:

CATEGORIES	SUBCATEGORIES
Capacity	Operationally Available
	Unsubscribed
Energy Affiliate Info	Capacity Allocation Log (when applicable)
	Employee Transfers
	Names and Addresses
	Potential Mergers
	Shared Facilities
Index of Customers	
Non-discrimination Reqmts	Discounts
	Emergency Deviations
	Implementation Procedures
	Information Disclosure
	Tariff Discretionary Actions
	Voluntary Consent
Notices	Critical
	Non-Critical
	Planned Service Outage
Organizational Charts	
Posted Imbalances	
Tariff	Title Page
	Table of Contents
	Preliminary Statement
	Map
	Currently Effective Rates
	Rate Schedules
	General Terms and Conditions
	Form of Service Agreement
	Entire Tariff
	Sheet Index
Transactional Reporting	

These categories and labels should appear in the order specified above and before any others.

TECHNICAL CHANGE LOG (all instructions to accomplish the recommendation)

No technical changes are needed.

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

2005 AP #8 FERC Order 2004 (Affiliate Order)

4. SUPPORTING DOCUMENTATION

a. Description of Request:

b. Description of Recommendation:

Business Practices Subcommittee
See the Business Practices Subcommittee (BPS) meeting minutes and voting record for January 11, 2005.

Information Requirements Subcommittee
See the minutes from the Information Requirements Subcommittee meeting on February 3, 2005.

Motion:

Segments	Vote For	Balanced For	Vote Against	Balanced Against
End Users	0	0	0	0
LDCs	0	0	0	0
Services	0	0	0	0
Pipelines	7	2	0	0
Producers	0	0	0	0
Totals	**7**	**2**	**0**	**0**

Motion passes

Technical Subcommittee
See the minutes from the Technical Subcommittee meeting on February 3, 2005.

Motion:

Segments	Vote For	Balanced For	Vote Against	Balanced Against
End Users	0	0	0	0
LDCs	0	0	0	0
Services	0	0	0	0
Pipelines	7	2	0	0
Producers	0	0	0	0
Totals	**7**	**2**	**0**	**0**

Motion passes

c. Business Purpose:
To implement the FERC Order 2004 (Standards of Conduct order).

d. Commentary/Rationale of Subcommittee(s)/Task Force(s):

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via email and posting

TO: NAESB Wholesale Gas Quadrant (WGQ) Members and Interested Industry Participants
FROM: DeDe Kirby, Meeting/Project Manager
RE: WGQ Request for Comments
DATE: April 15, 2005

An industry comment period begins today, April 15, 2005 and ends on May 11, 2005 for five WGQ recommendations:

Recommendation R97110 - http://www.naesb.org/pdf2/r97110_rec.doc;
Recommendation R00004 – http://www.naesb.org/pdf2/r00004_rec.doc;
Recommendation R00005 – http://www.naesb.org/pdf2/r00005_rec.doc;
Recommendation R01011 – http://www.naesb.org/pdf2/r01011_rec.doc;
Recommendation R00010 - http://www.naesb.org/pdf2/r00010_rec.doc.

All interested parties, regardless of membership status within NAESB are eligible to submit comments for consideration. The WGQ Executive Committees will review these recommendations and consider them for vote as NAESB WGQ standards on May 12, 2005, and in that consideration will review all submitted comments.

All comments received by the NAESB office by end of business on May 11th will be posted on the Home Page (http://www.naesb.org/request.asp) and forwarded to the WGQ members for their consideration. If you have difficulty downloading the recommendation, please call the NAESB office at (713) 356-0060. The recommendations are also attached for your convenience.

Best Regards,

DeDe Kirby

cc: Rae McQuade, Executive Director

North American Energy Standards Board
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NAESB Wholesale Gas Quadrant Members as of April 13, 2005

Organization	Segment	Contact
8760	s	Jim Buccigross
AEP Energy Services, Inc.	s	Cathy Szasz
Alliance Pipeline LP	pl	Neil Coghlan
Ameren Corporation	l	Scott Glaeser
Apache Corporation	pr	Michele Markey
Arizona Public Service Company	e	Gary Duede Kelly Daly Curt Brechtel
Atmos Energy	pl	Steve Easley
Ballard Natural Gas, LLC	s	Susan Thibodeaux
Baltimore Gas & Electric Co.	l	Phil Precht
Barclays Bank PLC	s	Guy Kern-Martin
BG LNG Services, LLC	s	Martha Braddy
Boeing Company, The	e	Tina Burnett
BP Energy	pr	Bill Benham Lauren Kaestner
Bridgeline Gas Marketing	pl	Georgia Blanchard
Burlington Resources	pr	Paul Keeler
Calpine Energy Services, LP	e	Janet Dixon Craig Chancellor
Cargill Incorporated	s	Kathy Gerken
Cascade Natural Gas Corporation	l	Mark Sellers-Vaughn
CenterPoint Energy Gas Services, Inc.	s	James G. Beste
CenterPoint Energy Gas Transmission Company	pl	Larry Thomas
CenterPoint Energy Mississippi River Transmission Corp.	pl	Robert Trost
Chandeleur Pipe Line Company	pl	Janice E. Rogers
Chevron/Texaco	pr	Randy Mills
Cinergy	e	John Procario

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Organization	Segment	Contact
Cinergy Marketing and Trading	s	Maribeth Bedevian
Columbia Gas Transmission	pl	Carl Levander
Columbia Gulf Transmission Co.	pl	Carl Levander
Comprehensive Energy Services	e	Jim Templeton
ConocoPhillips Gas and Power	pr	Peter Frost
Consolidated Edison Company of NY	l	Mary Jane McCartney Jim Stanzione
Constellation Energy Commodities Group, Inc.	s	Robert McKay
Dauphin Island Gathering Partners	pl	Katie Rice
Defense Energy Support Center	e	Veronica Jones Kevin Ahern
Department of Energy	e	Christopher Freitas
Dominion Exploration and Production, Inc.	pr	David Ogden Gary Weaver Sheri Heslington
Dominion Resources	l	Craig Colombo
Dominion Transmission, Inc.	pl	Gary Sypolt Iris King
Duke Energy Gas Transmission - Texas Eastern	pl	Richard Kruse
Edison Mission Marketing and Trade	e	Christian Hnat William Roberts
El Paso Eastern Pipelines	pl	Larry Smith Mark Gracey
El Paso Natural Gas	pl	William Griffith
El Paso Production Company	pr	Bill Hebenstreit
Enbridge Energy Company, Inc.	pl	Terry McGill
EnCana Corporation	pr	Keith Sappenfield
EnCana Marketing (USA) Inc.	s	Keith Sappenfield
Energy East Management Corporation	l	Marjorie Perlman
Energy Velocity	s	Konni Keuter
Entergy Services, Inc.	e	Arlynn Kelleher Terry Shields
Equitable Gas Company	l	Steve Rafferty

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Organization	Segment	Contact
Equitrans, L.P.	pl	Mina Speicher
ExxonMobil Gas Marketing	pr	Richard Smith
Florida Power & Light Company	e	Dona Gussow
Florida Reliability Coordinating Council	e	Joe Stepenovitch
Gas Transmission Northwest Corporation	pl	Jay Story
Great Lakes Gas Transmission	pl	Gene Fava
Group 8760	s	Jim Buccigross
Gulf South Pipeline	pl	Claire Burum Randy Young
H S Resources Inc.	pl	Carol Hall
Imperial Irrigation District	e	William Rapp
Iroquois Gas Transmission System	pl	Tom Gwilliam
Kern River Gas Transmission Company	pl	Janie Nielsen
Kerr-McGee Oil and Gas Company	pr	Charles (Chuck) Johnson
KeySpan Energy	l	Dolores Chezar
Laclede Gas Co.	l	Kenneth Neises
Latitude Technologies	s	Leigh Spangler
Louis Dreyfus Energy Services L.P.	s	Mary Ellen Bell Ruby H. Melton
Lower Colorado River Authority	e	Mickey Bell
Oxadel Consulting, LLC	s	Lyn Maddox
Marathon Oil Company	pr	Robin Perrine
Mewbourne Oil Company	pr	Michael F. Shepard
National Fuel Gas Distribution	l	Michael Novak
National Fuel Gas Supply Corp.	pl	Joseph Kardas
Natural Gas Pipeline Co of America	pl	Paul Love
New Jersey Natural Gas Company	l	Douglas C. Rudd
Niagara Mohawk Power Corporation	l	Bruce Garcy

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Home Page: www.naesb.org

Organization	Segment	Contact
Nicor Gas	1	Nancy Brucher
NiSource Inc.	1	M. Christopher Maturo
NJR Energy Services Company	s	Ginger Richman
Northern Natural Gas	pl	Mary Darveaux
Northern Plains Natural Gas Company, Inc.	pl	Scott Coburn
Northwest Natural Gas Company	1	Randolph Friedman
NOVA Gas Transmission Ltd.	pl	Doug Miller
Occidental Energy Marketing Inc. (OEMI)	pr	Carol Wilson
Pacific Gas & Electric	1	John Breen
Panhandle Eastern Pipe Line	pl	Bill (William) Grygar Kim Van Pelt
PECO Energy Co.	1	Reed R. Horting Amy Hamilton
Pemex Gas Y Petroquimica Basica	s	Juan Enrique Gonzales Azuara
Peoples Gas Light & Coke Co.	1	Tom Zack
Platts	s	Bill Murphy
Portland General Electric	pl	Kathy Davies
Portland Natural Gas Transmission System	pl	David Haag
PPL EnergyPlus, LLC	e	Anne Lovett
Promet Energy Partners, LLC	s	Gregory R. White
Public Service Electric & Gas	1	David Wohlfarth
Questar Pipeline Co.	pl	Scott Hansen
Quorum Business Solutions Inc.	s	Douglas Allen
Sabine Pipe Line LLC	pl	Jan Rogers
Salt River Project Agricultural Improvement & Power District	e	Diane McVicker
SCANA Corporation	pl	Jacquelyn Gettle
Sempra Energy - Southern California Gas Co.	1	Lee Stewart Rodger Schwecke
Sequent Energy Management, L.P.	s	Pat Metteauer

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Home Page: www.naesb.org

Organization	Segment	Contact
Shell Gas Transmission, LLC	pl	Chuck Cook
SolArc Inc.	s	Tim Curtis
Southern California Edison Company	e	Roman Bakke
Southern Company Services, Inc.	e	Carl Haga
Southern Natural Gas Co.	pl	Renee Hyde Ronnie L. Martin
Southern Star Central Gas Pipeline	pl	James L. Harder Dale Sanders
Southwest Gas Corporation	1	Larry Black
SunGard Energy Systems	s	Chuck McClure Jennifer Chen
Telvent	s	William (Bill) Morrow
Tennessee Valley Authority	e	Valerie Crockett
Texas Gas Transmission, LLC	pl	Jeff Bittel
Tiger Natural Gas	s	Tracy Phillips
Suez Energy Marketing, NA, Inc.	s	Mark Hodges
TransCanada Pipelines	pl	Doug Miller
Trinity Apex Solutions, Inc.	s	Richard (Dick) Couron
UBS Energy LLC	s	Suzanne Calcagno
Vector Pipeline L.P.	pl	Amy Bruhn
Washington Gas Light Co.	1	Adrian Chapman Tim Sherwood
Westfield Gas & Electric Light Dept.	1	Joyce Bodak
Williams Gas Pipeline	pl	Dale Davis Ron Mucci
Williston Basin Interstate Pipeline	pl	Keith Tiggelaar
Wisconsin Public Service Corporation	1	Patrick Fox

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: TransCapacity / Skipping Stone **Request No.: R97110**

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:

___Initiation
_X_Modification
___Interpretation
___Withdrawal

___Principle (x.1.z)
___Definition (x.2.z)
_X_Business Practice Standard (x.3.z)
___Document (x.4.z)
___Data Element (x.4.z)
___Code Value (x.4.z)
___X12 Implementation Guide
___Business Process Documentation

Per Recommendation:

___Initiation
_X_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)
___Code Value (x.4.z)
_X_X12 Implementation Guide
_X_Business Process Documentation

3. RECOMMENDATION

SUMMARY:

- Modify the following data sets to modify the definition of the data elements 'Posting Date' and 'Posting Time':
  NAESB WGQ Standard 5.4.1 Offer Download
  NAESB WGQ Standard 5.4.2 Bid Download
  NAESB WGQ Standard 5.4.3 Award Download

- Modify NAESB WGQ Standard 5.4.5 – Withdrawal Download to delete the following data elements:
  Withdrawal Posting Date
  Withdrawal Posting Time

- Modify NAESB WGQ Standard 5.4.5 – Withdrawal Download to add the following data elements:
  Posting Date
  Posting Time

- Modify the Technical Implementation of Business Process for NAESB WGQ Standard 5.4.5 – Withdrawal Download

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: TransCapacity / Skipping Stone **Request No.: R97110**

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

Document Name and No.: NAESB WGQ Std. No. 5.4.1 Offer Download
NAESB WGQ Std. No. 5.4.2 Bid Download
NAESB WGQ Std. No. 5.4.3 Award Download

Business Name (Abbreviation)	Definition	EBB Usage	EDI/FF Usage	Condition
Posting Date (Post Date)	The date on which the service provider initially posts or updates (changes) ~~this~~ the information.	M	M	
Posting Time (Post Time)	The time on which the service provider initially posts or updates (changes) ~~this~~ the information.	M	M	

Document Name and No.: NAESB WGQ Std. No. 5.4.5 Withdrawal Download

Business Name (Abbreviation)	Definition	EBB Usage	EDI/FF Usage	Condition
Posting Date (Post Date)	The date on which the service provider initially posts or updates (changes) ~~this~~ the information.	M	M	
Posting Time (Post Time)	The time on which the service provider initially posts or updates (changes) ~~this~~ the information.	M	M	
~~Withdrawal Posting Date (W/D Post Date)~~	~~The date on which the transportation service provider posted this withdrawal notice. Postings are date and time stamped by the transportation service provider when they are posted.~~	~~M~~	~~M~~	
~~Withdrawal Posting Time (W/D Post Time)~~	~~The time at which the transportation service provider posted this withdrawal notice.~~	~~M~~	~~M~~	

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: TransCapacity / Skipping Stone **Request No.: R97110**

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

Standards Book: NAESB WGQ Std. No. 5.4.5 Withdrawal Download

Language: Technical Implementation of Business Process – modify the 4th paragraph as follows:
The ~~**withdrawal** **posting date**~~ and ~~**withdrawal** **posting time**~~ indicate the date and time that the withdrawal was initially posted or updated by the transportation service provider and was available for download.

TECHNICAL CHANGE LOG (all instructions to accomplish the recommendation)

Document Name and No.: NAESB WGQ Std. No. 5.4.5 Withdrawal Download

Description of Change:
Withdrawal Download (5.4.5)
Data Elem Xref to X12
Heading DTM: Modify the Withdrawal Posting Date and Withdrawal Posting Time data element names as follows to delete the word 'Withdrawal": DTM M ~~Withdrawal~~ Posting Date M ~~Withdrawal~~ Posting Time
X12 Mapping
Heading DTM (position 150): DTM07: In the element note, modify data elements 'Withdrawal Posting Date' and 'Withdrawal Posting Time' to 'Posting Date' and 'Posting Time'.

4. SUPPORTING DOCUMENTATION

a. Description of Request:

The request addresses the date time stamp appearing in the capacity release datasets in the field called Posting Date/Time. The time appearing in the field "Posting Date/Time" should be the time that the completed Offer, Bid, Award, and Notice of Withdrawal (as applicable) first appeared on the Transportation Service Provider's Electronic Bulletin Board (EBB) as a completed activity (or reached the completed state, in the event there was no EBB involved in the transaction).

The proposed standard would allow the data requester to receive data and know when it was FIRST posted to the Electronic Bulletin Board. The standard would also eliminate duplicated data as the data requester, using the Upload of Request for Download dataset can specify a "date after" value and receive only those transactions which were first posted after a data requester specified date and time. This means that even if a transaction may be posted for a duration of time, the data requester need not continually receive such transactions in each subsequent download

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: TransCapacity / Skipping Stone **Request No.: R97110**

b. Description of Recommendation:

Business Practices Subcommittee
See meeting miutes for the following Business Practices Subcommittee meetings:

- January 13, 2000
- January 20, 2000
- August 4, 2004

MOTION January 20, 2000

- Modify the definition of Posting Date and Posting Time as follows:

  Posting Date: The date on which the service provider initially posts or updates (changes) ~~this~~ the information.

  Posting Time: The time on which the service provider initially posts or updates (changes) ~~this~~ the information.
- Delete the data elements Withdraw Posting Date and Withdrawal Posting Time from the Withdrawal Download (GISB Standard 5.4.5). and add the mandatory data elements Posting Date and Posting Time with the above definitions.

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	1	0	1	1.00	0.00	1
Services	4	0	4	2.00	0.00	2
	13	0	13	5.00	0.00	5

Motion Passes

Information Requirements Subcommittee

See meeting miutes for the following Information Requirements Subcommittee meetings:

- July 14, 2004
- August 25, 2004

Motion:
Adopt the proposed implementation for R97110 as reflected in the attached workpaper.

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	7	0	7	2.00	0.00	2
Producers	0	0	0	0.00	0.00	0

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: TransCapacity / Skipping Stone **Request No.: R97110**

Services	0	0	0	0.00	0.00	0
	7	0	7	2.00	0.00	2

Motion Passes

Technical Subcommittee

See the meeting minutes for the following Technical Subcommittee meeting:

- March 15-16, 2005

Motion:

Segments	Vote For	Balanced For	Vote Against	Balanced Against
End Users	0	0	0	0
LDCs	0	0	0	0
Services	0	0	0	0
Pipelines	7	2	0	0
Producers	0	0	0	0
Totals	**7**	**2**	**0**	**0**
Motion passes				

c. Business Purpose:

d. Commentary/Rationale of Subcommittee(s)/Task Force(s):

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: Tennessee Gas Pipeline **Request No.: R00004**

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:

___Initiation
_X_Modification
___Interpretation
___Withdrawal

___Principle (x.1.z)
___Definition (x.2.z)
___Business Practice Standard (x.3.z)
___Document (x.4.z)
_X_Data Element (x.4.z)
_X_Code Value (x.4.z)
___X12 Implementation Guide
___Business Process Documentation

Per Recommendation:

___Initiation
_X_Modification
___Interpretation
___Withdrawal

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

3. RECOMMENDATION

SUMMARY:

- Add new data element "Limit Type" to the sub-detail level in NAESB WGQ Std. No. 2.4.1 – Pre-determined Allocation.
- Add 2 code values to the Code Values Dictionary for the new data element 'Limit Type' in NAESB WGQ Std. No. 2.4.1 – Pre-determined Allocation.
- Modify NAESB WGQ Standard 2.4.2 – Pre-determined Allocation Quick Response to add two validation codes for the sub-detail level.
- Modify NAESB WGQ Std. 2.3.35 to add 'Limit Type" to the Flowing Gas Data Group.

STANDARDS LANGUAGE:

- Modify the NAESB WGQ Standard 2.3.35, Flowing Gas Data Group as follows: All other data groups remain unchanged.

Flowing Gas Data Group:
Allocation Method
Allocation Rank Indicator
Allocation Rank Level
Limit Value
Limit Type

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: Tennessee Gas Pipeline **Request No.: R00004**

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

Document Name and No.: Pre-determined Allocation NAESB WGQ Std. 2.4.1

Limit Type

Code Value Description	Code Value Definition	Code Value
Injection Quantity	Indicates that the system generated Limit Value is based on the swing storage contract's Maximum Daily Injection Quantity	IQ
Withdrawal Quantity	Indicates that the system generated Limit Value is based on the swing storage contract's Maximum Daily Withdrawal Quantity	WQ

Document Name and No.:
Pre-determined Allocation – Quick Response NAESB WGQ Std. 2.4.2

Validation Code (Sub-detail)

Code Value	Code Value Description	Code Value Definition
EPDQR541	Invalid Limit Type	[no definition necessary]
WPDQR517	Limit Type not processed	[no definition necessary]

TECHNICAL CHANGE LOG (all instructions to accomplish the recommendation)

Document Name and No.:
NAESB WGQ Std. No. 2.4.1 Pre-determined Allocation
NAESB WGQ Std. No. 2.4.2 Pre-determined Allocation – Quick Response

Description of Change:
Pre-determined Allocation (2.4.1)
Data Elem Xref to X12
Sub-detail SI: Insert a new row after the "Transaction Type" data element so that the end result is as follows: BC Limit Type
X12 Mapping

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: Tennessee Gas Pipeline **Request No.: R00004**

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

Document Name and No.: NAESB WGQ Std. No. 2.4.1 Pre-determined Allocation

Business Name (Abbreviation)	Definition	Data Group	EBB Usage	EDI / FF Usage	Condition
Limit Type (Limit Type)	Information used for the determination of a system generated Limit Value.	FGDG	BC	BC	May be used where the transportation service provider allows the Limit Value to be a system-generated value.

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: Tennessee Gas Pipeline Request No.: R00004

Sub-detail SI segment (position 470): SI03: Add the data element "Limit Type" to the end of the list of data elements so that the end result is as follows:

Allocation Method, Allocation Rank Indicator, Allocation Rank Level, Downstream Contract Identifier, Package ID, Service Provider's Activity Code, Service Requester Contract, Upstream Contract Identifier, Associated Contract, Downstream Package ID, Upstream Package ID, Package ID, Transaction Type, Limit Type

Transaction Set Tables

SI Segments 1000/234 Pairs (Sub-detail) table: Insert a new row at the end of the table as follows:

Element Name	Usage	Elem 1000	Elem 234	Elem 234 Description
Limit Type	BC	LT	IQ WQ	Injection Quantity Withdrawal Quantity

Pre-determined Allocation – Quick Response (2.4.2)

Transaction Set Tables

Errors and Warnings (Sub-detail) table: Insert the following in numerical order:

Validation Code (N902)	Description
EPDQR541	Invalid Limit Type
WPDQR517	Limit Type not processed

4. SUPPORTING DOCUMENTATION

a. Description of Request:

Tennessee Gas Pipeline requests the addition of a new data element "Limit Type" ("Limit Type") to the Pre-determined Allocation (2.4.1).

b. Description of Recommendation:

Business Practices Subcommittee

See meeting minutes for Business Practices Subcommittee as follows:

- January 18, 2001
- February 1, 2001

Motion:
BPS instructs the Information Requirements Subcommittee to accommodate the business conditional business practice of allowing the PDA submitter to specify a Limit Type in the Pre-determined Allocation (2.4.1).

Vote				Balanced	Balanced	Balanced
	For	Against	Total	For	Against	Total
End Users	0	0	0	0.00	0.00	0
LDCs	1	0	1	1.00	0.00	1
Pipelines	7	0	7	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	3.00	0.00	3

Motion Passes

Information Requirements Subcommittee

See meeting minutes for Information Requirements Subcommittee as follows:

- August 25, 2004
- December 14, 2004
- March 17, 2005

Motion – August 25, 2004:
Adopt the proposed implementation for R00004 as reflected in the attached workpaper.

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	5	0	5	2.00	0.00	2
Producers	0	0	0	0.00	0.00	0
Services	0	0	0	0.00	0.00	0
	5	0	5	2.00	0.00	2

Motion Passes

Motion – December 14, 2004
In addition to the proposed implementation adopted by IR at the August 25, 2004 meeting, modify the Flowing Gas Data Group in NAESB WGQ Standard 2.3.35 as follows. All other data groups remain unchanged.

2.3.35 On the Pre-determined Allocation Web page, fields in the data groups should appear in the following order:

Flowing Gas Data Group:
Allocation Method
Allocation Rank Indicator
Allocation Rank Level
Limit Value
Limit Type

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: Tennessee Gas Pipeline **Request No.: R00004**

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	6	0	6	2.00	0.00	2
Producers	0	0	0	0.00	0.00	0
Services	0	0	0	0.00	0.00	0
	6	0	6	2.00	0.00	2

Motion Passes

Motion:
In addition to the proposed implementation for R00004 adopted by IR at its meeting of August 25, 2004, as modified December 14, 2004, should be further modified to include the following additional validation code in the Code Values Dictionary for NAESB WGQ Std. 2.4.2 - Pre-determined Allocation – Quick Response
:

Validation Code (Sub-detail)

Code Value	Code Value Description	Code Value Definition
W	Limit Type not processed	[no definition necessary]

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: Tennessee Gas Pipeline **Request No.: R00004**

Technical Subcommittee
See meeting minutes for Technical Subcommittee as follows:

- March 15-16, 2005

Motion:

Segments	Vote For	Balanced For	Vote Against	Balanced Against
End Users	0	0	0	0
LDCs	0	0	0	0
Services	0	0	0	0
Pipelines	7	2	0	0
Producers	0	0	0	0
Totals	**7**	**2**	**0**	**0**
Motion passes				

c. Business Purpose:

d. Commentary/Rationale of Subcommittee(s)/Task Force(s):

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: Tennessee Gas Pipeline **Request No.: R00005**

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:	**Per Recommendation:**
___Initiation	___Initiation
_X_Modification	_X_Modification
___Interpretation	___Interpretation
___Withdrawal	___Withdrawal
___Principle (x.1.z)	___Principle (x.1.z)
___Definition (x.2.z)	___Definition (x.2.z)
___Business Practice Standard (x.3.z)	_X_Business Practice Standard (x.3.z)
___Document (x.4.z)	___Document (x.4.z)
_X_Data Element (x.4.z)	_X_Data Element (x.4.z)
_X_Code Value (x.4.z)	_X_Code Value (x.4.z)
___X12 Implementation Guide	_X_X12 Implementation Guide
___Business Process Documentation	___Business Process Documentation

3. RECOMMENDATION

(The following changes are dependent on the successful processing of R00004, specifically NAESB WGQ Standard No. 2.3.35)

SUMMARY:

- Add new data element “Swing Fuel Option Indicator” to the sub-detail level of NAESB WGQ Std. No. 2.4.1 – Pre-determined Allocation
- Add 2 code values to the Code Values Dictionary for the new data element ‘Swing Fuel Option Indicator’ in NAESB WGQ Std. No. 2.4.1 – Pre-determined Allocation
- Modify NAESB WGQ Standard 2.4.2 – Pre-determined Allocation Quick Response to add three validation codes for the sub-detail level
- Modify NAESB WGQ Std. 2.3.35 to add ‘Swing Fuel Option Indicator’ to the Flowing Gas Data Group.

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: Tennessee Gas Pipeline **Request No.: R00005**

STANDARDS LANGUAGE:

- Modify the NAESB WGQ Standard 2.3.35, Flowing Gas Data Group as follows: All other data groups remain unchanged.

  Flowing Gas Data Group:
  Allocation Method
  Allocation Rank Indicator
  Allocation Rank Level
  Limit Value
  Limit Type
  Swing Fuel Option Indicator

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: Tennessee Gas Pipeline **Request No.: R00005**

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

Document Name and No.: NAESB WGQ Std. No. 2.4.1 – Pre-determined Allocation

Swing Fuel Option Indicator

Code Value Description	Code Value Definition	Code Value
Swing Fuel is allocated	Swing Fuel is allocated to the service requester contract identified in the subject PDA.	Y
Swing Fuel is not allocated	Swing Fuel is not allocated to the service requester contract identified in the subject PDA.	N

Document Name and No.: NAESB WGQ Std. No. 2.4.2 – Pre-determined Allocation Quick Response

Validation Code (Sub-detail)

Code Value	Code Value Description	Code Value Definition
EPDQR542	Invalid Swing Fuel Option Indicator	(no definition necessary)
EPDQR543	Missing Swing Fuel Option Indicator	(no definition necessary)
WPDQR518	Swing Fuel Option Indicator not processed.	(no definition necessary)

TECHNICAL CHANGE LOG (all instructions to accomplish the recommendation)

Document Name and No.: **Pre-determined Allocation** **NAESB Std. 2.4.1**
Pre-determined Allocation – Quick Response **NAESB Std. 2.4.2**

Description of Change:
Pre-determined Allocation (2.4.1)
Data Elem Xref to X12
Sub-detail SI: Insert a new row after the "Limit Type" data element so that the end result is as follows: BC Swing Fuel Option Indicator
X12 Mapping
Sub-detail SI segment (position 470): SI03: Add the data element "Swing Fuel Option Indicator" to the end of the list of data elements so that the end result is as follows: Allocation Method, Allocation Rank Indicator, Allocation Rank Level, Downstream Contract Identifier, Package ID, Service Provider's Activity Code, Service Requester Contract, Upstream Contract Identifier, Associated Contract, Downstream Package ID, Upstream Package ID, Package ID, Transaction Type, Limit Type, Swing Fuel Option Indicator
Transaction Set Tables

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: Tennessee Gas Pipeline **Request No.: R00005**

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

Document Name and No.: NAESB WGQ Std. No. 2.4.1 Pre-determined Allocation

Business Name (Abbreviation)	Definition	Data Group	EBB Usage	EDI / FF Usage	Condition
Swing Fuel Option Indicator (SG Fuel Opt)	Indicates whether the service requestor contract is allocated the fuel associated with the overflow / underflow quantity allocated to storage.	FGDG	BC	BC	May be used where the transportation service provider allows the option for allocating the fuel associated with overflow / underflow quantity allocated to storage contracts.

SI Segments 1000/234 Pairs (Sub-detail) table: Insert a new row at the end of the table as follows:

Element Name	Usage	Elem 1000	Elem 234	Elem 234 Description
Swing Fuel Option Indicator	BC	SF	Y N	Swing Fuel is allocated Swing Fuel is not allocated

Pre-determined Allocation – Quick Response (2.4.2)

Transaction Set Tables

Errors and Warnings (Sub-detail) table: Insert the following in numerical order:

Validation Code (N902)	Description
EPDQR542	Invalid Swing Fuel Option Indicator
EPDQR543	Missing Swing Fuel Option Indicator
WPDQR518	Swing Fuel Option Indicator not processed

4. SUPPORTING DOCUMENTATION

a. Description of Request:

Tennessee Gas Pipeline requests the addition of a new data element "Swing Fuel Option Ind" ("SG Fuel Opt") to the Pre-determined Allocation (2.4.1).

b. Description of Recommendation:

Business Practices Subcommittee

See meeting minutes for Business Practices Subcommittee as follows:

- January 18, 2001
- February 1, 2001
- February 15, 2001

Motion – February 15, 2001:
BPS instructs the Information Requirements Subcommittee to accommodate the business conditional business practice of allowing the PDA submitter to specify a swing fuel option for the swing service requester contract(s) in the Pre-determined Allocation (2.4.1).

Vote				Balanced	Balanced	Balanced
	For	Against	Total	For	Against	Total
End Users	0	0	0	0.00	0.00	0
LDCs	2	0	2	2.00	0.00	2
Pipelines	6	0	6	2.00	0.00	2
Producers	0	0	0	0.00	0.00	0
Services	2	0	2	2.00	0.00	2
	10	0	10	6.00	0.00	6

Motion Passes

Information Requirements Subcommittee

See meeting minutes for Information Requirements Subcommittee as follows:

- November 17 2004
- December 14, 2004

Motion – December 14, 2004:
Adopt the proposed implementation for R00005 as reflected in the attached workpaper (see minutes for workpaper).

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	6	0	6	2.00	0.00	2
Producers	0	0	0	0.00	0.00	0
Services	0	0	0	0.00	0.00	0
	6	0	6	2.00	0.00	2

Motion Passes

Technical Subcommittee
See meeting minutes for the Technical Subcommittee as follows:

- March 15-16, 2005

Motion:

Segments	Vote For	Balanced For	Vote Against	Balanced Against
End Users	0	0	0	0
LDCs	0	0	0	0
Services	0	0	0	0
Pipelines	0	0	0	0
Producers	0	0	0	0
Totals	**0**	**0**	**0**	**0**
Motion passes				

c. Business Purpose:

d. Commentary/Rationale of Subcommittee(s)/Task Force(s):

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: CMS (Panhandle Eastern Pipeline) Request No.: R01011

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:	**Per Recommendation:**
___Initiation	___Initiation
_X_Modification	_X_Modification
___Interpretation	___Interpretation
___Withdrawal	___Withdrawal
___Principle (x.1.z)	___Principle (x.1.z)
___Definition (x.2.z)	___Definition (x.2.z)
___Business Practice Standard (x.3.z)	___Business Practice Standard (x.3.z)
___Document (x.4.z)	___Document (x.4.z)
___Data Element (x.4.z)	___Data Element (x.4.z)
_X_Code Value (x.4.z)	_X_Code Value (x.4.z)
___X12 Implementation Guide	_X_X12 Implementation Guide
___Business Process Documentation	___Business Process Documentation

3. RECOMMENDATION

SUMMARY:

- Modify NAESB WGQ Standard 2.4.2 – Pre-determined Allocation Quick Response to add one validation code for the sub-detail level.

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

Document Name and No.: NAESB WGQ Std. No. 2.4.2 Pre-determined Allocation Quick Response

Validation Code (Sub-detail)

Code Value	Code Value Description	Code Value Definition
WPDQR519	Number of digits sent after the decimal point for the Allocation Rank Level exceeds the number of digits supported by the Transportation Service Provider.	[no definition necessary]

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: CMS (Panhandle Eastern Pipeline) Request No.: R01011

TECHNICAL CHANGE LOG (all instructions to accomplish the recommendation)

Document Name and No.:
NAESB WGQ Std. No. 2.4.2 Pre-determined Allocation Quick Response

Pre-determined Allocation – Quick Response (2.4.2)
Transaction Set Tables
Errors and Warnings (Sub-detail) table: Insert the following in numerical order:

Validation Code (N902)	Description
WPDQR519	Number of digits sent after the decimal point for the Allocation Rank Level exceeds the number of digits supported by the Transportation Service Provider.

4. SUPPORTING DOCUMENTATION

a. Description of Request:

CMS Panhandle Eastern Pipeline Companies request the addition of a warning message for the data element Validation Code in the Pre-determined Allocation Quick Response (2.4.2) data set.

b. Description of Recommendation:

Information Requirements Subcommittee

See meeting minutes for Information Requirements Subcommittee as follows:

- November 17 2004
- December 14, 2004

Motion – December 14, 2004:
Modify the PDA Quick Response - NAESB WGQ Standard 2.4.2 as follows:

Data Element: Validation Code (Sub-detail)

Code Value	Code Value Description	Code Value Definition
W	Number of digits sent after the decimal point for the Allocation Rank Level exceeds the number of digits supported by the Transportation Service Provider.	[no definition necessary]

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: CMS (Panhandle Eastern Pipeline) Request No.: R01011

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	6	0	6	2.00	0.00	2
Producers	0	0	0	0.00	0.00	0
Services	0	0	0	0.00	0.00	0
	6	0	6	2.00	0.00	2

Motion Passes

Technical Subcommittee
See meeting minutes for Technical Subcommittee as follows:

- March 15-16, 2005

Motion:

Segments	Vote For	Balanced For	Vote Against	Balanced Against
End Users	0	0	0	0
LDCs	0	0	0	0
Services	0	0	0	0
Pipelines	8	2	0	0
Producers	0	0	0	0
Totals	**8**	**2**	**0**	**0**
Motion passes				

c. Business Purpose:

d. Commentary/Rationale of Subcommittee(s)/Task Force(s):

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: Enron Gas Pipeline Group (Northern Border) Request No.: R00010

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:	**Per Recommendation:**
___Initiation	___Initiation
_X_Modification	_X_Modification
___Interpretation	___Interpretation
___Withdrawal	___Withdrawal
___Principle (x.1.z)	___Principle (x.1.z)
___Definition (x.2.z)	___Definition (x.2.z)
___Business Practice Standard (x.3.z)	___Business Practice Standard (x.3.z)
___Document (x.4.z)	___Document (x.4.z)
___Data Element (x.4.z)	___Data Element (x.4.z)
_X_Code Value (x.4.z)	_X_Code Value (x.4.z)
___X12 Implementation Guide	___X12 Implementation Guide
___Business Process Documentation	___Business Process Documentation

3. RECOMMENDATION

SUMMARY:

- Add one new code value for the data element 'Rate Identification Code' in the following data sets:

Offer Download	NAESB WGQ Std. 5.4.1
Bid Download	NAESB WGQ Std. 5.4.2
Award Download	NAESB WGQ Std. 5.4.3
Offer Upload	NAESB WGQ Std. 5.4.7
Offer Upload Quick Response	NAESB WGQ Std. 5.4.8
Offer Upload Notification	NAESB WGQ Std. 5.4.9
Bid Upload	NAESB WGQ Std. 5.4.18
Bid Upload Quick Response	NAESB WGQ Std. 5.4.19

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: Enron Gas Pipeline Group (Northern Border) **Request No.: R00010**

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

Document Name and No.:

Offer Download	NAESB WGQ Std. 5.4.1
Bid Download	NAESB WGQ Std. 5.4.2
Award Download	NAESB WGQ Std. 5.4.3
Offer Upload	NAESB WGQ Std. 5.4.7
Offer Upload Quick Response	NAESB WGQ Std. 5.4.8
Offer Upload Notification	NAESB WGQ Std. 5.4.9
Bid Upload	NAESB WGQ Std. 5.4.18
Bid Upload Quick Response	NAESB WGQ Std. 5.4.19

Rate Identification Code

Code Value Description	Code Value Definition	Code Value
Rate Per 100 Dekatherm Miles	A daily charge based on the transportation rate assessed per 100 Dekatherm Miles as defined in the Transportation Service Provider's tariff.	124

TECHNICAL CHANGE LOG (all instructions to accomplish the recommendation)

Document Name and No.:

Offer Download	NAESB WGQ Std. 5.4.1
Bid Download	NAESB WGQ Std. 5.4.2
Award Download	NAESB WGQ Std. 5.4.3
Offer Upload	NAESB WGQ Std. 5.4.7
Offer Upload Quick Response	NAESB WGQ Std. 5.4.8
Offer Upload Notification	NAESB WGQ Std. 5.4.9
Bid Upload	NAESB WGQ Std. 5.4.18
Bid Upload Quick Response	NAESB WGQ Std. 5.4.19

Description of Change:
Offer Download (5.4.1)
Transaction Set Tables
SAC Segments (Detail) table: Under table in SAC04 section, add a "Rate Identification Code" code value as follows: 124 Rate Per 100 Dekatherm Miles
Bid Download (5.4.2)
Transaction Set Tables
SAC Segments (Detail) table: Under table in SAC04 section, add a "Rate Identification Code" code value as follows: 124 Rate Per 100 Dekatherm Miles
Award Download (5.4.3)

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: Enron Gas Pipeline Group (Northern Border) **Request No.: R00010**

Transaction Set Tables
SAC Segments (Detail) table: Under table in SAC04 section, add a "Rate Identification Code" code value as follows: 124 Rate Per 100 Dekatherm Miles
Offer Upload (5.4.7)
Transaction Set Tables
SAC Segments (Detail) table: Under table in SAC04 section, add a "Rate Identification Code" code value as follows: 124 Rate Per 100 Dekatherm Miles
Offer Upload Quick Response (5.4.8)
X12 Mapping
Detail PID segment (position 050): PID07: Insert a new code value as follows: 124 Rate Per 100 Dekatherm Miles
Offer Upload Notification (5.4.9)
Transaction Set Tables
SAC Segments (Detail) table: Under table in SAC04 section, add a "Rate Identification Code" code value as follows: 124 Rate Per 100 Dekatherm Miles
Bid Upload (5.4.18)
Transaction Set Tables
SAC Segments (Detail) table: Under table in SAC04 section, add a "Rate Identification Code" code value as follows: 124 Rate Per 100 Dekatherm Miles
Bid Upload Quick Response (5.4.19)
Transaction Set Tables
Detail PID segment (position 050): PID07: Insert a new code value as follows: 124 Rate Per 100 Dekatherm Miles

4. SUPPORTING DOCUMENTATION

a. Description of Request:

Enron Gas Pipeline Group requests additional Rate Identification Codes to be added to the sub-detail level of the Offer Download (5.4.1), Bid Download (5.4.2), Award Download (5.4.3), Offer Upload (5.4.7), Offer Upload Quick Response (5.4.8), Offer Upload Notification (5.4.9), Bid Upload (5.4.18) and Bid Upload Quick Response (5.4.19).

b. Description of Recommendation:

Information Requirements Subcommittee

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: Enron Gas Pipeline Group (Northern Border) **Request No.: R00010**

See meeting minutes for Information Requirements Subcommittee as follows:

- July 14, 2004
- August 25, 2004
- December 14, 2004

Note: At the December 14, 2004 meeting, the requester indicated they no longer needed the requested code value for 'Base Billing Amount'.

Motion – December 14, 2004:
Add the following code value for the data element Rate Identification Code to the following documents:

Document Name and No.: Offer Download, 5.4.1
Bid Download, 5.4.2
Award Download, 5.4.3
Offer Upload, 5.4.7
Offer Upload Quick Response, 5.4.8
Offer Upload Notification, 5.4.9
Bid Upload, 5.4.18
Bid Upload Quick Response, 5.4.19

Data Element: Rate Identification Code

Code Value Description	Code Value Definition	Code Value
Rate Per 100 Dekatherm Miles	A daily charge based on the transportation rate assessed per 100 Dekatherm Miles as defined in the Transportation Service Provider's tariff.	

Motion Passes

Technical Subcommittee
See meeting minutes for Information Requirements Subcommittee as follows:

- March 16, 2005

Motion:

Segments	Vote For	Balanced For	Vote Against	Balanced Against
End Users	0	0	0	0
LDCs	0	0	0	0
Services	0	0	0	0
Pipelines	5	2	0	0
Producers	0	0	0	0
Totals	**5**	**2**	**0**	**0**

Motion passes

c. Business Purpose:

d. Commentary/Rationale of Subcommittee(s)/Task Force(s)

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

via email and posting

TO: NAESB Wholesale Gas Quadrant (WGQ) Members and Interested Industry Participants
FROM: DeDe Kirby, Meeting/Project Manager
RE: WGQ Request for Comments
DATE: April 13, 2005

An industry comment period began on April 13, 2005 and will end on May 11, 2005 for three WGQ recommendations. Please note that after the files were posted and distributed we discovered that the incorrect attachment for Recommendation R99031/ R03008 was included. Attached please find the correct recommendation for R99031/R03008.

Recommendation R02006 – http://www.naesb.org/pdf2/r02006_rec.doc;

Recommendation R99031/R03008 - http://www.naesb.org/pdf2/r99031_r03008_rec_revised.doc;

Recommendation R03004/R01013 - http://www.naesb.org/pdf2/r03004_r01013_rec.doc.

All interested parties, regardless of membership status within NAESB are eligible to submit comments for consideration. The WGQ Executive Committees will review these recommendations and consider them for vote as NAESB WGQ standards on May 12, 2005, and in that consideration will review all submitted comments.

All comments received by the NAESB office by end of business on May 11th will be posted on the Home Page (http://www.naesb.org/request.asp) and forwarded to the WGQ members for their consideration. If you have difficulty downloading the recommendation, please call the NAESB office at (713) 356-0060. The recommendations are also attached for your convenience.

Best Regards,

DeDe Kirby

cc: Rae McQuade, Executive Director

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

NAESB Wholesale Gas Quadrant Members as of April 13, 2005

Organization	Segment	Contact
8760	s	Jim Buccigross
AEP Energy Services, Inc.	s	Cathy Szasz
Alliance Pipeline LP	pl	Neil Coghlan
Ameren Corporation	l	Scott Glaeser
Apache Corporation	pr	Michele Markey
Arizona Public Service Company	e	Gary Duede Kelly Daly Curt Brechtel
Atmos Energy	pl	Steve Easley
Ballard Natural Gas, LLC	s	Susan Thibodeaux
Baltimore Gas & Electric Co.	l	Phil Precht
Barclays Bank PLC	s	Guy Kern-Martin
BG LNG Services, LLC	s	Martha Braddy
Boeing Company, The	e	Tina Burnett
BP Energy	pr	Bill Benham Lauren Kaestner
Bridgeline Gas Marketing	pl	Georgia Blanchard
Burlington Resources	pr	Paul Keeler
Calpine Energy Services, LP	e	Janet Dixon Craig Chancellor
Cargill Incorporated	s	Kathy Gerken
Cascade Natural Gas Corporation	l	Mark Sellers-Vaughn
CenterPoint Energy Gas Services, Inc.	s	James G. Beste
CenterPoint Energy Gas Transmission Company	pl	Larry Thomas
CenterPoint Energy Mississippi River Transmission Corp.	pl	Robert Trost
Chandeleur Pipe Line Company	pl	Janice E. Rogers
Chevron/Texaco	pr	Randy Mills
Cinergy	e	John Procario

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Organization	Segment	Contact
Cinergy Marketing and Trading	s	Maribeth Bedevian
Columbia Gas Transmission	pl	Carl Levander
Columbia Gulf Transmission Co.	pl	Carl Levander
Comprehensive Energy Services	e	Jim Templeton
ConocoPhillips Gas and Power	pr	Peter Frost
Consolidated Edison Company of NY	l	Mary Jane McCartney Jim Stanzione
Constellation Energy Commodities Group, Inc.	s	Robert McKay
Dauphin Island Gathering Partners	pl	Katie Rice
Defense Energy Support Center	e	Veronica Jones Kevin Ahern
Department of Energy	e	Christopher Freitas
Dominion Exploration and Production, Inc.	pr	David Ogden Gary Weaver Sheri Heslington
Dominion Resources	l	Craig Colombo
Dominion Transmission, Inc.	pl	Gary Sypolt Iris King
Duke Energy Gas Transmission - Texas Eastern	pl	Richard Kruse
Edison Mission Marketing and Trade	e	Christian Hnat William Roberts
El Paso Eastern Pipelines	pl	Larry Smith Mark Gracey
El Paso Natural Gas	pl	William Griffith
El Paso Production Company	pr	Bill Hebenstreit
Enbridge Energy Company, Inc.	pl	Terry McGill
EnCana Corporation	pr	Keith Sappenfield
EnCana Marketing (USA) Inc.	s	Keith Sappenfield
Energy East Management Corporation	l	Marjorie Perlman
Energy Velocity	s	Konni Keuter
Entergy Services, Inc.	e	Arlynn Kelleher Terry Shields
Equitable Gas Company	l	Steve Rafferty

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Organization	Segment	Contact
Equitrans, L.P.	pl	Mina Speicher
ExxonMobil Gas Marketing	pr	Richard Smith
Florida Power & Light Company	e	Dona Gussow
Florida Reliability Coordinating Council	e	Joe Stepenovitch
Gas Transmission Northwest Corporation	pl	Jay Story
Great Lakes Gas Transmission	pl	Gene Fava
Group 8760	s	Jim Buccigross
Gulf South Pipeline	pl	Claire Burum Randy Young
H S Resources Inc.	pl	Carol Hall
Imperial Irrigation District	e	William Rapp
Iroquois Gas Transmission System	pl	Tom Gwilliam
Kern River Gas Transmission Company	pl	Janie Nielsen
Kerr-McGee Oil and Gas Company	pr	Charles (Chuck) Johnson
KeySpan Energy	l	Dolores Chezar
Laclede Gas Co.	l	Kenneth Neises
Latitude Technologies	s	Leigh Spangler
Louis Dreyfus Energy Services L.P.	s	Mary Ellen Bell Ruby H. Melton
Lower Colorado River Authority	e	Mickey Bell
Oxadel Consulting, LLC	s	Lyn Maddox
Marathon Oil Company	pr	Robin Perrine
Mewbourne Oil Company	pr	Michael F. Shepard
National Fuel Gas Distribution	l	Michael Novak
National Fuel Gas Supply Corp.	pl	Joseph Kardas
Natural Gas Pipeline Co of America	pl	Paul Love
New Jersey Natural Gas Company	l	Douglas C. Rudd
Niagara Mohawk Power Corporation	l	Bruce Garcy

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Organization	Segment	Contact
Nicor Gas	1	Nancy Brucher
NiSource Inc.	1	M. Christopher Maturo
NJR Energy Services Company	s	Ginger Richman
Northern Natural Gas	pl	Mary Darveaux
Northern Plains Natural Gas Company, Inc.	pl	Scott Coburn
Northwest Natural Gas Company	1	Randolph Friedman
NOVA Gas Transmission Ltd.	pl	Doug Miller
Occidental Energy Marketing Inc. (OEMI)	pr	Carol Wilson
Pacific Gas & Electric	1	John Breen
Panhandle Eastern Pipe Line	pl	Bill (William) Grygar Kim Van Pelt
PECO Energy Co.	1	Reed R. Horting Amy Hamilton
Pemex Gas Y Petroquimica Basica	s	Juan Enrique Gonzales Azuara
Peoples Gas Light & Coke Co.	1	Tom Zack
Platts	s	Bill Murphy
Portland General Electric	pl	Kathy Davies
Portland Natural Gas Transmission System	pl	David Haag
PPL EnergyPlus, LLC	e	Anne Lovett
Promet Energy Partners, LLC	s	Gregory R. White
Public Service Electric & Gas	1	David Wohlfarth
Questar Pipeline Co.	pl	Scott Hansen
Quorum Business Solutions Inc.	s	Douglas Allen
Sabine Pipe Line LLC	pl	Jan Rogers
Salt River Project Agricultural Improvement & Power District	e	Diane McVicker
SCANA Corporation	pl	Jacquelyn Gettle
Sempra Energy - Southern California Gas Co.	1	Lee Stewart Rodger Schwecke
Sequent Energy Management, L.P.	s	Pat Metteauer

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Organization	Segment	Contact
Shell Gas Transmission, LLC	pl	Chuck Cook
SolArc Inc.	s	Tim Curtis
Southern California Edison Company	e	Roman Bakke
Southern Company Services, Inc.	e	Carl Haga
Southern Natural Gas Co.	pl	Renee Hyde Ronnie L. Martin
Southern Star Central Gas Pipeline	pl	James L. Harder Dale Sanders
Southwest Gas Corporation	1	Larry Black
SunGard Energy Systems	s	Chuck McClure Jennifer Chen
Telvent	s	William (Bill) Morrow
Tennessee Valley Authority	e	Valerie Crockett
Texas Gas Transmission, LLC	pl	Jeff Bittel
Tiger Natural Gas	s	Tracy Phillips
Suez Energy Marketing, NA, Inc.	s	Mark Hodges
TransCanada Pipelines	pl	Doug Miller
Trinity Apex Solutions, Inc.	s	Richard (Dick) Couron
UBS Energy LLC	s	Suzanne Calcagno
Vector Pipeline L.P.	pl	Amy Bruhn
Washington Gas Light Co.	1	Adrian Chapman Tim Sherwood
Westfield Gas & Electric Light Dept.	1	Joyce Bodak
Williams Gas Pipeline	pl	Dale Davis Ron Mucci
Williston Basin Interstate Pipeline	pl	Keith Tiggelaar
Wisconsin Public Service Corporation	1	Patrick Fox

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: Enron Transportation Services (Northern Natural Gas)

Request No.: R02006

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:	**Per Recommendation:**
___Initiation	___Initiation
_X_Modification	_X_Modification
___Interpretation	___Interpretation
___Withdrawal	___Withdrawal
___Principle (x.1.z)	___Principle (x.1.z)
___Definition (x.2.z)	___Definition (x.2.z)
___Business Practice Standard (x.3.z)	___Business Practice Standard (x.3.z)
___Document (x.4.z)	___Document (x.4.z)
___Data Element (x.4.z)	___Data Element (x.4.z)
_X_Code Value (x.4.z)	_X_Code Value (x.4.z)
___X12 Implementation Guide	___X12 Implementation Guide
___Business Process Documentation	___Business Process Documentation

3. RECOMMENDATION

SUMMARY:

- Add validation code warning value "Higher rate may result" in NAESB WGQ Std. No. 1.4.2 – Nomination Quick Response

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

Document Name and No.: NAESB WGQ Std. No. 1.4.2 - Nomination Quick Response

Validation Code (Detail)

Code Value	Code Value Description	Code Value Definition
WNMQR307	Higher rate may result.	Contract path(s) nominated may result in higher transportation rate.

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: Enron Transportation Services (Northern Natural Gas)

Request No.: R02006

TECHNICAL CHANGE LOG (all instructions to accomplish the recommendation)

Document Name and No.: **Nomination Quick Response, 1.4.2**

Description of Change:
Nomination Quick Response (1.4.2)
Transaction Set Tables
Errors and Warnings (Detail) table: Insert the following errors and warnings in numerical order:

Validation Code (III02)	Description
WNMQR307	Higher rate may result

4. SUPPORTING DOCUMENTATION

a. Description of Request:

Add a code value for the Validation Code data element in the Nomination Quick Response (1.4.2).

b. Description of Recommendation:

Information Requirements Subcommittee

See meeting minutes for Information Requirements Subcommittee as follows:

- August 25, 2004

Motion:
Modify the Code Values Dictionary for the data element Validation Code (Detail) in the NAESB WGQ Std. 1.4.2 - Nomination Quick Response.

Document Name and No.: Nomination Quick Response, 1.4.2

Validation Code (Detail)

Code Value	Code Value Description	Code Value Definition
W	Higher rate may result.	Contract path(s) nominated may result in higher transportation rate.

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: Enron Transportation Services (Northern Natural Gas)

Request No.: R02006

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	7	0	7	2.00	0.00	2
Producers	0	0	0	0.00	0.00	0
Services	0	0	0	0.00	0.00	0
	7	0	7	2.00	0.00	2

Technical Subcommittee

See meeting minutes for Information Requirements Subcommittee as follows:

- August 25, 2004

Motion:

Segments	Vote For	Balanced For	Vote Against	Balanced Against
End Users	0	0	0	0
LDCs	0	0	0	0
Services	0	0	0	0
Pipelines	6	2	0	0
Producers	0	0	0	0
Totals	**6**	**2**	**0**	**0**
Motion passes				

c. Business Purpose:

d. Commentary/Rationale of Subcommittee(s)/Task Force(s):

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: TransCapacity / Skipping Stone Request No. R99031
And
El Paso Eastern Pipelines Request No. R03008

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:	**Per Recommendation:**
___Initiation	___Initiation
_X_Modification	_X_Modification
___Interpretation	___Interpretation
___Withdrawal	___Withdrawal
___Principle (x.1.z)	___Principle (x.1.z)
___Definition (x.2.z)	___Definition (x.2.z)
_X_Business Practice Standard (x.3.z)	_X_Business Practice Standard (x.3.z)
___Document (x.4.z)	___Document (x.4.z)
_X_Data Element (x.4.z)	_X_Data Element (x.4.z)
_X_Code Value (x.4.z)	_X_Code Value (x.4.z)
___X12 Implementation Guide	_X_X12 Implementation Guide
___Business Process Documentation	___Business Process Documentation

3. RECOMMENDATION

SUMMARY:

- Modify NAESB WGQ Nominations Related Standards Manual to add the new data element 'Cycle Indicator' at the detail level and corresponding code values to the following NAESB WGQ data sets:
  - NAESB WGQ Std. 1.4.1 Nomination
  - NAESB WGQ Std. 1.4.3 Request for Confirmation
  - NAESB WGQ Std. 1.4.4 Confirmation Response
  - NAESB WGQ Std. 1.4.5 Scheduled Quantity
  - NAESB WGQ Std. 1.4.6 Scheduled Quantity for Operator
- Modify NAESB WGQ Standard 1.4.2 – Nomination Quick Response and NAESB WGQ Standard 1.4.7 – Confirmation Response Quick Response to add five validation codes for the detail level.
- Modify NAESB WGQ Standard 1.4.4 – Confirmation Response to add one code value for the data element 'Reduction Reason'.
- Modify the NAESB WGQ Standards 1.3.54, 1.3.60, 1.3.61 and 1.3.63 to add the data element 'Cycle Indicator' in the Dates Data Group.

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: TransCapacity / Skipping Stone Request No. R99031
And
El Paso Eastern Pipelines Request No. R03008

STANDARDS LANGUAGE:

- Modify the Dates Data Group in the NAESB WGQ Standard 1.3.54 as follows:

1.3.54 On the nominations data entry screen, fields in the data groups on the Form should appear in the following order:
*
*
Dates Data Group:
Beginning Date
Beginning Time
Ending Date
Ending Time
Cycle Indicator
*
*

- Modify the Dates Data Group in the NAESB WGQ Standard 1.3.60 as follows:

1.3.60 On the confirmation data entry screen, fields in the data groups should appear in the following order:
*
*
Dates Data Group:
Beginning Date
Beginning Time
Ending Date
Ending Time
Cycle Indicator
*
*

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: TransCapacity / Skipping Stone Request No. R99031
And
El Paso Eastern Pipelines Request No. R03008

- Modify the Dates Data Group in the NAESB WGQ Standard 1.3.61 as follows:

1.3.61 On the scheduled quantity Web page, fields in the data groups on the Form should appear in the following order:
*
*
Dates Data Group:
Beginning Date
Beginning Time
Ending Date
Ending Time
Cycle Indicator
*
*

- Modify the Dates Data Group in the NAESB WGQ Standard 1.3.63 as follows:

1.3.63 On the scheduled quantity for operator Web page, fields in the data groups should appear in the following order:
*
*
Dates Data Group:
Beginning Date
Beginning Time
Ending Date
Ending Time
Cycle Indicator
*
*

Adobe Page # 316 of 335

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: TransCapacity / Skipping Stone Request No. R99031
And
El Paso Eastern Pipelines Request No. R03008

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

Document Name and No.: **Nomination** **NAESB WGQ Std. 1.4.1**
Scheduled Quantity **NAESB WGQ Std. 1.4.5**

Business Name (Abbreviation)	Definition	Data Group	EBB Pathed	EBB Non-Pathed	EBB PNT - "T"	EBB PNT - "U"	EDI / FF Usage	Condition
Cycle Indicator (Cycle)	Associates information to applicable nomination cycle.	DDG	MA	MA	MA	MA	MA	

Document Name and No.: **Request for Confirmation** **NAESB WGQ Std. 1.4.3**
Confirmation Response **NAESB WGQ Std. 1.4.4**
Scheduled Quantity for Operator **NAESB WGQ Std. 1.4.6**

Business Name (Abbreviation)	Definition	Data Group	EBB Usage	EDI / FF Usage	Condition
Cycle Indicator (Cycle)	Associates information to applicable nomination cycle.	DDG	MA	MA	

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: TransCapacity / Skipping Stone Request No. R99031
And
El Paso Eastern Pipelines Request No. R03008

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

Document Name and No.: **Nomination** **NAESB WGQ Std. 1.4.1**
Request for Confirmation **NAESB WGQ Std. 1.4.3**
Confirmation Response **NAESB WGQ Std. 1.4.4**
Scheduled Quantity **NAESB WGQ Std. 1.4.5**
Scheduled Quantity for Operator **NAESB WGQ Std. 1.4.6**

Cycle Indicator

Code Value Description	Code Value Definition	Code Value
Evening Cycle	[no definition necessary]	EVE
Intraday 1	[no definition necessary]	ID1
Intraday 2	[no definition necessary]	ID2
Timely	[no definition necessary]	TIM
TSP Defined 1	TSP defined cycle	TD1
TSP Defined 2	TSP defined cycle	TD2
TSP Defined 3	TSP defined cycle	TD3
TSP Defined 4	TSP defined cycle	TD4
TSP Defined 5	TSP defined cycle	TD5

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: TransCapacity / Skipping Stone Request No. R99031
And
El Paso Eastern Pipelines Request No. R03008

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

Standards Book: N/A

TECHNICAL CHANGE LOG (all instructions to accomplish the recommendation)

Document Name and No.: Nomination, 1.4.1
Nomination Quick Response, 1.4.2
Request for Confirmation, 1.4.3
Confirmation Response, 1.4.4
Scheduled Quantity, 1.4.5
Scheduled Quantity, 1.4.6
Confirmation Response Quick Response, 1.4.7

Description of Change:
Nomination (1.4.1)
Data Elem Xref to X12
Insert a N9 segment between the DTM and CS segments in the Detail as follows: DTM M M M M Beginning Date BC BC BC BC Beginning Time M M M M Ending Date M M M M Ending Time N9 MA MA MA MA Cycle Indicator CS M M M M Service Requester Contract M M M M Model Type
X12 Mapping
Mark the detail 0200 N9 segment as used. Insert the following segment note: For NAESB WGQ, this segment is mutually agreed. Mark N901 as must use. Mark the code value "CYI" (Cycle Indicator) as used. Mark N902 as must use. Insert the following element note: Cycle Indicator Insert the following code values: Evening Cycle EVE Intraday 1 ID1 Intraday 2 ID2 Timely TIM TSP Defined 1 TD1 TSP Defined 2 TD2 TSP Defined 3 TD3 TSP Defined 4 TD4 TSP Defined 5 TD5
Nomination Quick Response (1.4.2)

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: TransCapacity / Skipping Stone Request No. R99031
And
El Paso Eastern Pipelines Request No. R03008

Document Name and No.: Nomination Quick Response NAESB WGQ Std. 1.4.2
Confirmation Response Quick Response NAESB WGQ Std. 1.4.7

Validation Code (Detail)

Code Value	Code Value Description	Code Value Definition
ENMQR320	Invalid Cycle Indicator	[no definition necessary]
ENMQR321	Missing Cycle Indicator	[no definition necessary]
WNMQR304	Cycle Indicator not used	[no definition necessary]
WNMQR305	Invalid Cycle Indicator	[no definition necessary]
WNMQR306	Missing Cycle Indicator	[no definition necessary]

Document Name and No.: Confirmation Response NAESB WGQ Std. 1.4.4

Reduction Reason

Code Value Description	Code Value Definition	Code Value
Invalid Cycle Indicator	[no definition necessary]	015

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: TransCapacity / Skipping Stone Request No. R99031
And
El Paso Eastern Pipelines Request No. R03008

Transaction Set Tables

Errors and Warnings (Detail) table: Insert the following errors and warnings in numerical order:

Validation Code (III02)	Description
ENMQR320	Invalid Cycle Indicator
ENMQR321	Missing Cycle Indicator
WNMQR304	Cycle Indicator not used
WNMQR305	Invalid Cycle Indicator
WNMQR306	Missing Cycle Indicator

Request for Confirmation (1.4.3)

Data Elem Xref to X12

Insert a N9 segment between the DTM and LCD segments in the Detail as follows:

DTM	M	Beginning Date
	M	Beginning Time
	M	Ending Date
	M	Ending Time
N9	MA	Cycle Indicator
LCD	M	Location/Location Proprietary Code

X12 Mapping

Mark the detail 0200 N9 segment as used.
Insert the following segment note: For NAESB WGQ, this segment is mutually agreed.

Mark N901 as must use.
Mark the code value "CYI" (Cycle Indicator) as used.

Mark N902 as must use.
Insert the following element note: Cycle Indicator
Insert the following code values:

Evening Cycle	EVE
Intraday 1	ID1
Intraday 2	ID2
Timely	TIM
TSP Defined 1	TD1
TSP Defined 2	TD2
TSP Defined 3	TD3
TSP Defined 4	TD4
TSP Defined 5	TD5

Confirmation Response (1.4.4)

Data Elem Xref to X12

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: TransCapacity / Skipping Stone Request No. R99031
And
El Paso Eastern Pipelines Request No. R03008

Insert a N9 segment between the DTM and LQ segments in the Detail as follows:

DTM	M	Beginning Date
	M	Beginning Time
	M	Ending Date
	M	Ending Time
N9	MA	Cycle Indicator
LQ	SO	Reduction Reason

X12 Mapping

Mark the detail 0200 N9 segment as used.
Insert the following segment note: For NAESB WGQ, this segment is mutually agreed.

Mark N901 as must use.
Mark the code value "CYI" (Cycle Indicator) as used.

Mark N902 as must use.
Insert the following element note: Cycle Indicator
Insert the following code values:

Evening Cycle	EVE
Intraday 1	ID1
Intraday 2	ID2
Timely	TIM
TSP Defined 1	TD1
TSP Defined 2	TD2
TSP Defined 3	TD3
TSP Defined 4	TD4
TSP Defined 5	TD5

Transaction Set Tables

LQ Segments (Detail) table: Insert the following LQ02 code value and LQ02 Description in numerical order:

Element Name (LQ02)	Usage	LQ01	LQ02	LQ02 Description
Reduction Reason	SO	RED	015	Invalid Cycle Indicator

Scheduled Quantity (1.4.5)

Data Elem Xref to X12

Insert a N9 segment between the DTM and CS segments in the Detail as follows:

DTM	M	M	M	M		M	M	M	M	Beginning Date
	M	M	M	M		M	M	M	M	Beginning Time
	M	M	M	M		M	M	M	M	Ending Date
	M	M	M	M		M	M	M	M	Ending Time
N9	MA	MA	MA	MA		MA	MA	MA	MA	Cycle Indicator
CS	M	M	M	M		M	M	M	M	Service Requester Contract
	M	M	M	M		M	M	M	M	Model Type

X12 Mapping

Mark the detail 0200 N9 segment as used.
Insert the following segment note: For NAESB WGQ, this segment is mutually agreed.

Mark N901 as must use.
Mark the code value "CYI" (Cycle Indicator) as used.

Mark N902 as must use.
Insert the following element note: Cycle Indicator
Insert the following code values:

Evening Cycle	EVE
Intraday 1	ID1
Intraday 2	ID2
Timely	TIM
TSP Defined 1	TD1
TSP Defined 2	TD2
TSP Defined 3	TD3
TSP Defined 4	TD4
TSP Defined 5	TD5

Scheduled Quantity for Operator (1.4.6)

Data Elem Xref to X12

Insert a N9 segment between the DTM and LCD segments in the Detail as follows:

DTM	M	M	Beginning Date
	M	M	Beginning Time
	M	M	Ending Date
	M	M	Ending Time
N9	MA	MA	Cycle Indicator
LCD	M	M	Location/Location Proprietary Code

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: TransCapacity / Skipping Stone Request No. R99031
And
El Paso Eastern Pipelines Request No. R03008

X12 Mapping

Mark the detail 0200 N9 segment as used.
Insert the following segment note: For NAESB WGQ, this segment is mutually agreed.

Mark N901 as must use.
Mark the code value "CYI" (Cycle Indicator) as used.

Mark N902 as must use.
Insert the following element note: Cycle Indicator
Insert the following code values:

Evening Cycle	EVE
Intraday 1	ID1
Intraday 2	ID2
Timely	TIM
TSP Defined 1	TD1
TSP Defined 2	TD2
TSP Defined 3	TD3
TSP Defined 4	TD4
TSP Defined 5	TD5

Confirmation Response Quick Response (1.4.7)

Transaction Set Tables

Errors and Warnings (Detail) table: Insert the following errors and warnings in numerical order:

Validation Code (PID04)	Description
ECRQR320	Invalid Cycle Indicator
ECRQR321	Missing Cycle Indicator
WCRQR302	Cycle Indicator not used
WCRQR303	Invalid Cycle Indicator
WCRQR304	Missing Cycle Indicator

4. SUPPORTING DOCUMENTATION

a. Description of Request:

R99031: Add a new data element "Confirmation Intraday Indicator" to Request for Confirmation (1.4.3), Confirmation Response (1.4.4), Confirmation Response Quick Response (1.4.7) and Scheduled Quantity for Operator (1.4.6).

R03008: Add a new mutually agreeable data element "Nominations Intra-day Indicator" to the Nominations data set.

b. Description of Recommendation:

Business Practices Subcommittee

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: TransCapacity / Skipping Stone Request No. R99031
And
El Paso Eastern Pipelines Request No. R03008

See minutes for the following Business Practices Subcommittee meetings:

- September 7, 2000 (R99031)
- September 14, 2000 (R99031)
- September 28, 2000 (R99031)
- August 14, 2003 (R99031 and R03008)
- August 21, 2003 (R99031 and R03008)

Motion – 9/28/00 re R99031:

Adopt the ANR Workpaper and send it to IR as follows:
BPS instructs IR to add a new data element "Confirmation Intraday Indicator" to the Request for Confirmation, Confirmation Response, Confirmation Response Quick Response and the Scheduled Quantity for Operator datasets. The usage would be Mutually Agreed. As outlined in R99031, this new data element is needed to allow trading partners to easily distinguish confirmation records where the confirming parties allow advance transmittals of the confirmation information. This new data element is especially necessary to differentiate the Timely cycle from the Late (Evening) cycle since both have a gas flow start time of 9:00am. The code values required for the "Confirmation Intraday Indicator" should be created to reflect the following cycles and situations:

Intraday cycle 1
Intraday cycle 2
Timely cycle
Evening cycle (Late nom cycle)
End of gas day Scheduled Quantity
Curtailment (representing a revised Scheduled Quantity).

IR is instructed to review the suggested implementation on R99031 for possible use in their determination of the best implementation of the above new data element.

Sense of the Room: September 28, 2000 11 In Favor 0 Opposed

Motion 8/21/03 re R03008:

The Business Practices Subcommittee instructs the Information Requirements Subcommittee to accommodate the mutually agreed business practice of sending a nomination intraday indicator data element in the nominations related data sets. This request is similar in nature to request R99031 which implemented the Confirmation Intraday Cycle Indicator.. IR should investigate the possibility of implementing consistent code values for industry standard nomination cycles.

Vote				Balanced	Balanced	Balanced
	For	Against	Total	For	Against	Total
End Users	1	0	1	1.00	0.00	1
LDCs	0	0	0	0.00	0.00	0
Pipelines	8	0	8	2.00	0.00	2
Producers	1	0	1	1.00	0.00	1
Services	0	0	0	0.00	0.00	0
	10	0	10	4.00	0.00	4

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: TransCapacity / Skipping Stone Request No. R99031
And
El Paso Eastern Pipelines Request No. R03008

Motion Passes

Information Requirements Subcommittee

See minutes for the following Information Requirements Subcommittee meetings:

- March 19, 2002 (R99031)
- April 16, 2002 (R99031)
- September 4, 2003 (R99031)
- January 13, 2004 (R99031 and R03008)
- February 27, 2004 (R99031 and R03008)
- March 31, 2004 (R99031 and R03008)
- February 4, 2005 (R99031 and R03008)

Motion 4/16/02 re R99031:

See April 16, 2002 Minutes for motion detail.

Sense of the Room: April 16, 2002 7 In Favor 0 Opposed

Motion 3/31/04 re R99031 and R03008:

See March 31, 2004 Minutes for motion detail.

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	6	0	6	2.00	0.00	2
Producers	0	0	0	0.00	0.00	0
Services	0	0	0	0.00	0.00	0
	6	0	6	2.00	0.00	2

Motion Passes

Motion 2/4/05 re R99031 and R03008:

In addition to the implementation proposed by IR at its March 31 – April 1, 2004 meeting for R99031 and R03008, modify the following Code Values Dictionary:

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	7	0	7	2.00	0.00	2
Producers	0	0	0	0.00	0.00	0
Services	0	0	0	0.00	0.00	0
	7	0	7	2.00	0.00	2

Motion Passes

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: TransCapacity / Skipping Stone Request No. R99031
And
El Paso Eastern Pipelines Request No. R03008

Technical Subcommittee
See minutes for the following Technical Subcommittee meetings:

- May 13, 2002 (R99031)
- February 2, 2005 (R99031 and R03008)

Motion:

Segments	Vote For	Balanced For	Vote Against	Balanced Against
End Users	0	0	0	0
LDCs	0	0	0	0
Services	0	0	0	0
Pipelines	6	2	0	0
Producers	0	0	0	0
Totals	**6**	**2**	**0**	**0**
Motion passes				

c. Business Purpose:

d. Commentary/Rationale of Subcommittee(s)/Task Force(s):

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: El Paso Eastern Pipelines Request No.: R03004
Williams Gas Pipeline R01013

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:

___Initiation
_X_Modification
___Interpretation
___Withdrawal

___Principle (x.1.z)
___Definition (x.2.z)
___Business Practice Standard (x.3.z)
___Document (x.4.z)
___Data Element (x.4.z)
_X_Code Value (x.4.z)
___X12 Implementation Guide
___Business Process Documentation

Per Recommendation:

___Initiation
_X_Modification
___Interpretation
___Withdrawal

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

3. RECOMMENDATION

SUMMARY:

- Add code value "Exceeded Family of Contracts MDQ" for the data element Reduction Reason in NAESB WGQ Std. No. 1.4.5 – Scheduled Quantity

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

Document Name and No.: NAESB WGQ Std. No. 1.4.5 – Scheduled Quantity

Data Element: Reduction Reason

Code Value Description	Code Value Definition	Code Value
Exceeded Family of Contracts MDQ	Nominations on the original contract and all related capacity released contracts have exceeded the contractual rights of the original contract.	EFC

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: El Paso Eastern Pipelines **Request No.: R03004**
Williams Gas Pipeline **R01013**

TECHNICAL CHANGE LOG (all instructions to accomplish the recommendation)

Document Name and No.: **Scheduled Quantity, 1.4.5**

Description of Change:
Scheduled Quantity (1.4.5)
Transaction Set Tables

LQ Segments (Sub-detail) table: For the data element Reduction Reason, insert the following code value and code value description in the LQ02 and LQ02 Description columns in alphabetical order:

Element Name (LQ02)	Usage when CS05 =				LQ01	LQ02	LQ02 Description
	'P'	'N'	'T'	'U'			
Reduction Reason	M	M	M	M	RED	EFC	Exceeded Family of Contracts MDQ

LQ Segments (Sub-detail) table: For the data element Reduction Reason, insert the following code value and code value description in the LQ02 and LQ02 Description columns in alphabetical order:

Element Name (LQ02)	Usage when CS05 =				LQ01	LQ02	LQ02 Description
	'P'	'N'	'T'	'U'			
Reduction Reason (see n4)	M	M	M	M	REE	EFC	Exceeded Family of Contracts MDQ

4. SUPPORTING DOCUMENTATION

a. Description of Request:

R03004: El Paso Eastern Pipelines is requesting for a new code value for the data element 'Reduction Reason' that will be used with the NAESB Scheduled Quantity data sets. The code value description being requested is "Exceed Family of Contracts MDQ".

R01013: Williams Gas Pipeline is requesting the addition of a new code value for the data element 'Reduction Reason' that will be used in with the NAESB Scheduled Quantity data sets. The code value description being requested is "Exceeded contract quantity—segmentation"

b. Description of Recommendation:

Information Requirements Subcommittee

See meeting minutes for Information Requirements Subcommittee as follows:
- August 25, 2004
- October 13, 2004

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: El Paso Eastern Pipelines **Request No.: R03004**
Williams Gas Pipeline **R01013**

Motion: August 25, 2004
Modify the Code Values Dictionary for the data element Reduction Reason in NAESB WGQ Std. 1.4.5 - Scheduled Quantity as follows:

Code Value Description	Code Value Definition	Code Value
Exceeded Family of Contracts MDQ	Nominations on the original contract and all related capacity released contracts have exceeded the contractual rights of the original contract.	

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	7	0	7	2.00	0.00	2
Producers	0	0	0	0.00	0.00	0
Services	0	0	0	0.00	0.00	0
	7	0	7	2.00	0.00	2

Motion Passes

Motion: October 13, 2004
Reflect that the implementation proposed for Request R03004 at the IR meeting August 25, 2004 also satisfies Request R01013.

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

Technical Subcommittee

See meeting minutes for Information Requirements Subcommittee as follows:
- February 2, 2005

Adobe Page # 323 of 335

RECOMMENDATION TO NAESB WGQ EXECUTIVE COMMITTEE

Requester: El Paso Eastern Pipelines **Request No.: R03004**
Williams Gas Pipeline **R01013**

Motion:

Segments	Vote For	Balanced For	Vote Against	Balanced Against
End Users	0	0	0	0
LDCs	0	0	0	0
Services	0	0	0	0
Pipelines	6	2	0	0
Producers	0	0	0	0
Totals	**6**	**2**	**0**	**0**
Motion passes				

c. Business Purpose:

d. Commentary/Rationale of Subcommittee(s)/Task Force(s):

Wholesale Gas Quadrant

TAB 19

Minor Corrections

Rae Mcquade

From: Veronica Thomason

Sent: Tuesday, February 15, 2005 5:59 PM

To: Veronica Thomason; Rae Mcquade; Rager,Denise; Oncken, Todd

Subject: Minor Corrections to NAESB WGQ Version 1.7 Standards approved by the WGQ Executive Committee on February 3, 2005

Dear WGQ Members:

The WGQ Executive Committee voted unanimously to adopt two minor corrections to the NAESB WGQ Version 1.7 Standards at the February 3, 2005 Executive Committee meeting. The minor corrections affect NAESB WGQ Version 1.7 Standard 2.2.4 (definition of Monthly Allocation); NAESB WGQ Version 1.7 Standard 1.4.2 (Nomination Quick Response); and NAESB WGQ Version 1.7 Standard 1.4.7 (Confirmation Response Quick Response). The minor corrections can be accessed on the NAESB web site at the following addresses: http://www.naesb.org/pdf/wgq_mc021505_definition_224.doc; http://www.naesb.org/pdf/wgq_mc021505_validation_codes.doc. Pursuant to NAESB's procedures for adopting minor corrections (found at pp. 18-19 of the NAESB Operating Procedures (NAESBOPs) and shown below), the public comment period for the minor corrections will begin today and end on March 1, 2005. If no comments are received, these corrections will be applied to the WGQ Version 1.7 Standards effective April 1 and will be posted in the final actions portion of the NAESB web site. Similarly, because the WGQ Version 1.7 Standards were provided to the Federal Energy Regulatory Commission, these corrections will also be provided to the Commission.

Should you have any concerns or issues with either of these minor corrections, please notify the NAESB office by March 1 (email: naesb@naesb.org, fax 713-356-0067).

Best Regards,

Todd Oncken
NAESB Deputy Director

Wholesale Gas Quadrant

TAB 20

FERC Filings – WGQ

NORTH AMERICAN ENERGY STANDARDS BOARD
1301 Fannin, Suite 2350 • Houston, Texas 77002 • **Phone:** (713) 356-0060 • **Fax:** (713) 356-0067
email: naesb@naesb.org • **Web Site Address:** www.naesb.org

March 18, 2005
Filed Electronically

The Honorable Magalie Salas
Secretary
Federal Energy Regulatory Commission
888 First Street N.E.
Washington, D.C. 20585

RE: Standards for Business Practices of Interstate Natural Gas Pipelines (Docket No. RM96-1 et al) and Regulation of Short-Term Natural Gas Transportation Services and Regulation of Interstate Natural Gas Transportation Services (Docket No. RM 98-10 et al)

Dear Ms. Salas:

The North American Energy Standards Board ("NAESB") herewith submits this report to the Federal Energy Regulatory Commission ("FERC" or "Commission") regarding the permanent numbers assigned to the NAESB Wholesale Gas Quadrant ("WGQ") standards to implement gas quality reporting requirements, previously provided to the Commission on November 1, 2004. This NAESB report is voluntarily submitted by NAESB in response to Docket Nos. RM96-1 et al and RM98-10 et al.

NAESB assigns a temporary reference ID to standards under development and later assigns permanent numbers, typically as part of the publication process. At the time the NAESB WGQ standards to implement gas quality reporting requirements were reported to the Commission for its information, the permanent numbers had not been assigned. Permanent numbers have been assigned to the NAESB WGQ standards to implement gas quality reporting requirements and are provided herein for the Commission's reference.

The report is being filed electronically in Adobe Acrobat® Print Document Format (.pdf). Please feel free to call me at (713) 356-0060 should you have any questions or need additional information regarding the permanent numbers assigned to the NAESB WGQ standards to implement gas quality reporting requirements.

Respectfully submitted,

Ms. Rae McQuade
Executive Director & COO, North American Energy Standards Board

NORTH AMERICAN ENERGY STANDARDS BOARD
1301 Fannin, Suite 2350 • Houston, Texas 77002 • **Phone:** (713) 356-0060 • **Fax:** (713) 356-0067
email: naesb@naesb.org • **Web Site Address:** www.naesb.org

cc:

Chairman Patrick H. Wood III, Federal Energy Regulatory Commission
Commissioner Nora Mead Brownell, Federal Energy Regulatory Commission
Commissioner Joseph Kelliher, Federal Energy Regulatory Commission
Commissioner SueDeen Kelly, Federal Energy Regulatory Commission

Mark Maassel, NAESB Chairman and CEO
William P. Boswell, NAESB General Counsel

UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

Standards for Business Practices of Interstate Natural Gas Pipelines	)	**Docket No. RM 96-1 et al**
Regulation of Short-Term Natural Gas Transportation Services, and Regulation of Interstate Natural Gas Transportation Services	)	**Docket No. RM 98-10 et al**

REPORT OF THE NORTH AMERICAN ENERGY STANDARDS BOARD

The North American Energy Standards Board ("NAESB") is voluntarily submitting this report in accordance with the Commission's Orders in the above referenced dockets. The report includes a table indicating the correlation between the temporary reference ID and permanent numbers assigned to the NAESB Wholesale Gas Quadrant ("WGQ") standards to implement gas quality reporting requirements.

PERMANENT NUMBERS ASSIGNED TO THE NAESB WGQ STANDARDS TO IMPLEMENT GAS QUALITY REPORTING REQUIREMENTS

Temporary Reference ID for WGQ Standard to Implement Gas Quality Reporting Requirements	Permanent Standard Number for WGQ Standard to Implement Gas Quality Reporting Requirements
4.3.s1	4.3.89
4.3.s2	4.3.90
4.3.s3	4.3.91
4.3.s4	4.3.92
4.1.p1	4.1.40

NORTH AMERICAN ENERGY STANDARDS BOARD
1301 Fannin, Suite 2350 • Houston, Texas 77002 • **Phone:** (713) 356-0060 • **Fax:** (713) 356-0067
email: naesb@naesb.org • **Web Site Address:** www.naesb.org

April 12, 2005
Filed Electronically

The Honorable Magalie Salas
Secretary
Federal Energy Regulatory Commission
888 First Street N.E.
Washington, D.C. 20585

RE: Standards for Business Practices of Interstate Natural Gas Pipelines (Docket No. RM96-1 et al) and Regulation of Short-Term Natural Gas Transportation Services and Regulation of Interstate Natural Gas Transportation Services (Docket No. RM 98-10 et al)

Dear Ms. Salas:

The North American Energy Standards Board ("NAESB") herewith submits this report to the Federal Energy Regulatory Commission ("FERC" or "Commission") regarding errata to Version 1.7 of the NAESB Wholesale Gas Quadrant ("WGQ") Standards, previously provided to the Commission on April 13, 2004. This NAESB report is voluntarily submitted by NAESB in response to Docket Nos. RM96-1 et al and RM98-10 et al.

NAESB WGQ Version 1.7 standards were ratified by NAESB membership and published on December 31, 2003. The minor corrections, which correct the definition of Monthly Allocation and correct certain errors in the validation codes in the Code Values Dictionary of NAESB WGQ Standard 1.4.2 and 1.4.7, were brought to NAESB's attention prior to the February 3, 2005 Executive Committee meeting, where the Executive Committee voted unanimously to adopt the errata. The member comment period ended on March 1, 2005 and no adverse comments were received. The errata will be applied to the NAESB WGQ Version 1.7 standards on April 1, 2005.

The report is being filed electronically in Adobe Acrobat® Print Document Format (.pdf), and each enclosure is bookmarked separately. All of the documents are also available on the NAESB web site (www.naesb.org). Please feel free to call me at (713) 356-0060 or refer to the NAESB website (www.naesb.org) should you have any questions or need additional information regarding the errata to the NAESB WGQ Version 1.7 standards.

Respectfully submitted,

Ms. Rae McQuade
President & COO, North American Energy Standards Board

NORTH AMERICAN ENERGY STANDARDS BOARD
1301 Fannin, Suite 2350 • Houston, Texas 77002 • **Phone:** (713) 356-0060 • **Fax:** (713) 356-0067
email: naesb@naesb.org • **Web Site Address:** www.naesb.org

cc without enclosures:

Chairman Patrick H. Wood III, Federal Energy Regulatory Commission
Commissioner Nora Mead Brownell, Federal Energy Regulatory Commission
Commissioner Joseph Kelliher, Federal Energy Regulatory Commission
Commissioner SueDeen Kelly, Federal Energy Regulatory Commission

Mark Maassell, NAESB Chairman and CEO
William P. Boswell, NAESB General Counsel

Enclosures (all available publicly on the NAESB web site – www.naesb.org):
(1) Errata for NAESB WGQ Standards Version 1.7
http://www.naesb.org/pdf/wgq_mc021505_validation_codes.doc
http://www.naesb.org/pdf/wgq_mc021505_definition_224.doc
(2) NAESB Operating Procedure for Minor Clarifications and Corrections to Standards
http://www.naesb.org/pdf/operating_procedures.pdf
(3) Notice to WGQ Members of Executive Committee Adoption of Two Minor Corrections
http://www.naesb.org/pdf/wgq_mc021505_reqcom.doc

UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

Standards for Business Practices of Interstate Natural Gas Pipelines	)	**Docket No. RM 96-1 et al**
Regulation of Short-Term Natural Gas Transportation Services, and Regulation of Interstate Natural Gas Transportation Services	)	**Docket No. RM 98-1 et al**

REPORT OF THE NORTH AMERICAN ENERGY STANDARDS BOARD

The North American Energy Standards Board ("NAESB") is voluntarily submitting this report in accordance with the Commission's Orders in the above referenced dockets. The report is in three parts – errata for NAESB Wholesale Gas Quadrant ("WGQ") Version 1.7 Standards; NAESB Operating Procedure for Minor Clarifications and Corrections to Standards; and Notice to WGQ Members of Executive Committee Adoption of Two Minor Corrections.

Appendix 1

Errata for NAESB WGQ Standards Version 1.7

This Appendix contains the errata for the following NAESB WGQ Version 1.7 Standards:

2.2.4 – Definition of Monthly Allocation
1.4.2 – Nomination Quick Response
1.4.7 - Confirmation Response Quick Response

To: NAESB Office, WGQ Executive Committee Chairs

From: Kim Van Pelt, Panhandle Eastern Pipe Line

Subject: Minor Correction – NAESB WGQ Definition No. 2.2.4

Date: January 26, 2005

In the NAESB WGQ Standards Book 1 of 2, please modify the definition

2.2.4 Monthly Allocation is the term used to describe the process where the Allocating Party performs the allocation process following each gas day.

to

2.2.4 Monthly Allocation is the term used to describe the process where the Allocating Party performs the allocation process at the end of the monthly flow period.

The correct definition was adopted by the WGQ Executive Committee on September 16, 1999 and ratified by the membership on December 10, 2003. However, during publication of Version 1.7, the definition was captured incorrectly. Please note that the incorrect definition is actually the definition for the term "Daily Allocation" (NAESB WGQ Definition 2.2.5). Also, please note that the 2.2.4 definition is correctly captured in the NAESB WGQ Flowing Gas Related Standards book.

To: NAESB Office, WGQ Executive Committee Chairs

From: Dale Davis, WGQ Information Requirements Chair
Kim Van Pelt, WGQ Technical Subcommittee Chair

Subject: Minor Correction re Validation Codes in Nomination Process

Date: January 26, 2005

In November 2004, the NAESB Office received an e-mail from a software service provider who, in the process of developing its NAESB WGQ Version 1.6 implementation, questioned several technical issues. Such questions were passed on to the above subcommittees for development of a response. As a result of developing such response, it was determined that the following minor corrections need to be made to the currently effective NAESB WGQ Version 1.7 Standards 1.4.2 - Nomination Quick Response and 1.4.7 - Confirmation Response Quick Response as set forth below. The motions and votes for the two subcommittees adopting these corrections can be found in the meeting minutes for IR's December 14-15, 2004 and Technical's January 26, 2005 meetings:

- The following minor corrections should be made to the Code Values Dictionary in the Version 1.7 NAESB WGQ Standard 1.4.2 - Nomination Quick Response:

Data Set: **NAESB WGQ Standard 1.4.2 – Nominations Quick Response**

Data Elements: **Validation Code (Heading)**

Code Value	Code Value Description	Code Value Definition
ENMQR100	Invalid transaction set purpose code ~~(BEG01)~~(BGN01)	[no definition necessary]
ENMQR101	Invalid ~~purchase order~~ transaction type code ~~(BEG02)~~ (BGN07)	[no definition necessary]

Data Elements: **Validation Code (Detail)**

Code Value	Code Value Description	Code Value Definition
~~ENMQR300~~	~~Invalid product/service id qualifier (PO1, 235 element)~~	~~[no definition necessary]~~

Data Elements: **Validation Code (Sub-detail)**

Code Value	Code Value Description	Code Value Definition
~~ENMQR500~~	~~Missing assigned identification (SLN01)~~	~~[no definition necessary]~~
ENMQR506	Invalid unit or basis for measurement code ~~(SLN05, PO307)~~ (QTY03, 355)	[no definition necessary]
ENMQR507	Missing unit or basis for measurement code ~~(SLN05, PO307)~~ (QTY03, 355)	[no definition necessary]

- The following minor correction should be made to the Code Values Dictionary in the Version 1.7 NAESB WGQ Standard 1.4.7 - Confirmation Response Quick Response:

Data Set: **NAESB WGQ Standard 1.4.7 – Confirmation Response Quick Response**

Data Elements: **Validation Code (Detail)**

Code Value	Code Value Description	Code Value Definition
~~ECRQR315~~	~~Invalid product/service id qualifier (PO1, 235 element)~~	~~[no definition necessary]~~

TECHNICAL CHANGE LOG (all instructions to accomplish the recommendation)

Document Name and No.: **NAESB WGQ Standard 1.4.2-Nomination Quick Response**
NAESB WGQ Standard 1.4.7-ConfirmationResponse Quick Response

Description of Change:
Nomination Quick Response
Transaction Set Tables
Errors and Warnings (Heading) table: For code value ENMQR100, modify the Code Value Description to “Invalid transaction set purpose code (BGN01)”.
Errors and Warnings (Heading) table: For code value ENMQR101, modify the Code Value Description to “Invalid transaction type code (BNG07)”.
Errors and Warnings (Detail) table: Delete the entry for code value ENMQR300.
Errors and Warnings (Sub-detail) table: Delete the entry for code value ENMQR500.
Errors and Warnings (Sub-detail) table: For code value ENMQR506, modify the Code Value Description to “Invalid unit or basis for measurement code (QTY03, 355)”.
Errors and Warnings (Sub-detail) table: For code value ENMQR507, modify the Code Value Description to “Missing unit or basis for measurement code (QTY03, 355)”.
Confirmation Response Quick Response
Transaction Set Tables
Errors and Warnings (Detail) table: Delete the entry for code value ECRQR315.

NORTH AMERICAN ENERGY STANDARDS BOARD
1301 Fannin, Suite 2350 • Houston, Texas 77002 • **Phone:** (713) 356-0060 • **Fax:** (713) 356-0067
email: naesb@naesb.org • **Web Site Address:** www.naesb.org

April 22, 2005
Filed Electronically

The Honorable Magalie Salas
Secretary
Federal Energy Regulatory Commission
888 First Street N.E.
Washington, D.C. 20585

RE: Standards for Business Practices of Interstate Natural Gas Pipelines (Docket No. RM96-1 et al) and Regulation of Short-Term Natural Gas Transportation Services and Regulation of Interstate Natural Gas Transportation Services (Docket No. RM 98-10 et al)

Dear Ms. Salas:

The North American Energy Standards Board ("NAESB") herewith submits this report to the Federal Energy Regulatory Commission ("FERC" or "Commission") regarding NAESB Wholesale Gas Quadrant ("WGQ") standards in response to paragraph 10 of the Commission's Notice of Proposed Rulemaking and Termination Order in Docket Nos. RM96-1-026 and RM96-1-015[1].

NAESB's WGQ Executive Committee (EC) approved a modification to an existing standard to provide a specific location for posting voluntary consent to information disclosure by non-affiliated customers as required by § 358 of the Commission's regulations.[2] The modified standard was approved by the NAESB WGQ EC on April 4, 2005. The modified standard has been distributed for NAESB WGQ member ratification, with ballots due on May 3, 2005. NAESB plans to provide a supplemental report to the Commission on May 9, 2005 that includes the ratification results. The NAESB meetings where this standard was modified took place in January and February 2005. The minutes of these meetings are provided as enclosures, which include the voting records. The pending ratification ballot is also included as an enclosure.

The report is being filed electronically in Adobe Acrobat® Print Document Format (.pdf). Please feel free to call me at (713) 356-0060 should you have any questions or need additional information regarding the permanent numbers assigned to the NAESB WGQ standards to implement gas quality reporting requirements.

[1] 109 FERC ¶ 61,326 (Dec 21, 2004)
[2] 18 CFR 358.5(b)(4).

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Respectfully submitted,

Ms. Rae McQuade
President & COO, North American Energy Standards Board

cc without appendices:

Chairman Patrick H. Wood III, Federal Energy Regulatory Commission
Commissioner Nora Mead Brownell, Federal Energy Regulatory Commission
Commissioner Joseph Kelliher, Federal Energy Regulatory Commission
Commissioner SueDeen Kelly, Federal Energy Regulatory Commission

Mark Maassel, NAESB Chairman and CEO
William P. Boswell, NAESB General Counsel

Appendices (all available publicly on the NAESB web site–www.naesb.org):
(1) Relevant NAESB Executive Committee Meeting Minutes and Subcommittee meetings and Voting Records
(2) Ratification Ballot

UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

Standards for Business Practices of Interstate Natural Gas Pipelines	)	**Docket No. RM 96-1 et al**
Regulation of Short-Term Natural Gas Transportation Services, and Regulation of Interstate Natural Gas Transportation Services	)	**Docket No. RM 98-10 et al**

REPORT OF THE NORTH AMERICAN ENERGY STANDARDS BOARD

The North American Energy Standards Board ("NAESB") is voluntarily submitting this report in accordance with the Commission's Orders in the above referenced dockets. More specifically, the report addresses the issue identified in paragraph 10 of the Commission's Notice of Proposed Rulemaking and Termination Order in Docket Nos. RM96-1-026 and RM96-1-015[3]. The report includes a modification to a standard[4] adopted by the Wholesale Gas Quadrant ("WGQ") of NAESB and two enclosures that document the efforts undertaken to define the modified standard.

Two enclosures provide supporting documentation. The enclosures are:

Appendix 1 — NAESB Wholesale Gas Quadrant Subcommittee and Executive Committee meeting minutes and voting records related to the modified standard

Appendix 2 — Ratification Ballot

This report is intended solely as a status report from NAESB regarding the modification of existing NAESB WGQ standards. NAESB does not advocate that the Commission take a particular position on any of the issues presented.

[3] 109 FERC ¶ 61,326 (Dec 21, 2004)
[4] The modification to NAESB WGQ Standard 4.3.23 was completed pursuant to NAESB WGQ 2005 Annual Plan Item 8: *Review and develop necessary standards for the posting requirements contained in Paragraph 10 of FERC Notice of Proposed Rulemaking and Termination Order, Docket Nos. RM96-1-026 and RM96-1-015, 109 FERC ¶ 61,326 (Dec 21, 2004).*

STANDARDS APPROVED BY THE NAESB WGQ EXECUTIVE COMMITTEE ON APRIL 4, 2005

Modified Standard:

4.3.23 Transportation Service Providers should establish an Informational Postings Web site accessible via the Internet. The subcategories and labels for the categories of Informational Postings should be as follows:

CATEGORIES	SUBCATEGORIES
Capacity	Operationally Available
	Unsubscribed
Energy Affiliate Info	Capacity Allocation Log (when applicable)
	Employee Transfers
	Names and Addresses
	Potential Mergers
	Shared Facilities
Index of Customers	
Non-discrimination Reqmts	Discounts
	Emergency Deviations
	Implementation Procedures
	Information Disclosure
	Tariff Discretionary Actions
	Voluntary Consent
Notices	Critical
	Non-Critical
	Planned Service Outage
Organizational Charts	
Posted Imbalances	
Tariff	Title Page
	Table of Contents
	Preliminary Statement
	Map
	Currently Effective Rates
	Rate Schedules
	General Terms and Conditions
	Form of Service Agreement
	Entire Tariff
	Sheet Index
Transactional Reporting	

These categories and labels should appear in the order specified above and before any others.