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Attachment 1
R98040 & R98050 Storage Information

Summary

- Modify NAESB WGQ Additional Standards Manual to include the new data set Storage Information (0.4.z1) – including a Technical Implementation of Business Practices, Sample Paper, Data Dictionary, and Code Values Dictionary
- Modify NAESB WGQ Standard 2.4.7 – Request for Information TIBP, Data Dictionary and Code Values Dictionary
- Modify NAESB WGQ Standard 2.4.8 – Response to Request for Information to add code values for the data element 'Data Availability Code

Proposed Motion: Adopt the following:

- **Modify the Additional Standards Manual as follows:**
  - **Table of Contents:** Add Storage Information as Tab 6 with corresponding EDI tab for ASC X12 Implementation
  - **Introduction:** Add the following at the end:

TABS 6 and greater

Technical Implementation of Business Process
Provides an overview of the business process for the specific transaction set.

Sample Paper Transactions
Contains a sample paper document. This paper transaction contains all the mandatory and conditional data elements for this transaction set and the appropriate hierarchy of the elements. It generally does not contain any business conditional or sender's option data elements.

Data Dictionary
Provides definition of the standard data elements and the usage requirements for each element. Data Dictionaries contain elements and usage requirements for NAESB WGQ defined web sites (EBB/EDM), EDI files (EDI/EDM) and flat files (FF/EDM).

Code Values Dictionary
Provides a list of the codes, descriptions and their business definitions for NAESB data elements to which code values have been assigned.

EDI Tabs (one per Tab 6 and greater)

Data Element Cross-reference to ASC X12
Contains a hierarchical listing of the ASC X12 segments and the NAESB WGQ data elements contained in each segment. Each segment is listed along with all the data elements it contains. When multiple occurrences of the segment can occur and each occurrence can contain separate data

elements, the segment will be listed for each set of data elements it can contain.

Sample ASC X12 Transactions
Provides users with a valid ASC X12 transaction(s) which can be created using this guide.

ASC X12 Transaction Set
Contains a hierarchical listing of the ANSI ASC X12 transaction segments and a description of each segment. The hierarchy section contains the list of the segments in the ANSI ASC X12 transaction that are used by NAESB WGQ. Each segment description provides both the ANSI ASC X12 standard information (such as segment and element names attributes) and the NAESB WGQ data element name and usage for both segments and elements.

Transaction Set Tables
When multiple NAESB WGQ data elements or element code values apply to a single ANSI ASC X12 element, NAESB WGQ has provided a table to depict each element, its usage and appropriate code values (where applicable).

Usage Requirements

All data elements in the Data Dictionary, Data Element Cross Reference to ASC X12, and ASC X12 Transaction Set and Transaction Set Tables indicate the usage of that element. The data element usage definitions according to NAESB WGQ Standard 1.2.2 are:

All trading partners should accept all NAESB WGQ standard data elements. Usage should be characterized as either mandatory, conditional, sender's option, business conditional, and mutually agreeable.

Mandatory (M) means the data element (information) must be supplied in the transaction.
Conditional (C) means that the presence of data in a field is determined by the presence or lack of data in another field within the transmittal or related data sets.

Sender's option (SO) means that this element is optional for the sender to send and, if sent, the receiver should receive and process.

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

were ignored by the receiver. (In some instances, this category will be used for country-to-country issues. Annually, NAESB WGQ will consider whether any data element will continue to be categorized with this usage code.)

Mutually agreeable (MA) means that the data element is mutually agreed to between trading partners. It must be presented to NAESB WGQ for technical implementation. It does not, by its definition, create a NAESB WGQ standard business practice. Usage of this element in no way can be mandated for inclusion by either trading partner in order to achieve a level of service.

- **Executive Summary:** Add the following at the end:

Additional Standards:

Storage Information (NAESB WGQ Standard 0.4.z1):
The Storage Information provides the service requesters with information related to its storage activities and / or balances.

- **Business Process and Practices:** Add the following new paragraph to Section A – Overview following the section on Creditworthiness:

Storage Information:
Transportation service providers may provide storage services to requesting parties. Depending on the service provided, gas may be injected, withdrawn, traded and / or transferred. The Storage Information provides the service requester status of its storage activities or balances.

- **Related Standards:** Add the following after the section on Common Codes:

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 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. This will allow more time for implementation of electronic commerce. 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

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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). If the sending party is a Service Requester, Service Requester Agent or Third Party Service Provider, their appropriate identifiers will appear here. 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:

Manager of Publications
DISA
7600 Leesburg Pike, Suite 430
Falls Church, VA 22043

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Voice: 703-970-4480
Fax: 703-970-4488
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. Trading partners utilizing a password for their documents will use the Security Information element. The receiver of the document identifies a password for the sender to include in this element. This sender and receiver information is specified in the NAESB WGQ Electronic Data Interchange Trading Partner Agreement.

There are additional elements in the ISA segment. These elements 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 at the above address 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 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 at the above address 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 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. 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 any of several levels. NAESB WGQ recommends that compliance checking be set to the element level in the Functional Acknowledgement.

The 997 informs the originator of the transaction whether the translator accepted the file, accepted it with errors, or rejected it. When errors occur, the 997 identifies the location and type of error that was encountered. Once a

transaction passes the translator, the 997 is sent to the originator 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 with the lightness and speed necessary 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.

HTTP has been in use by the World-Wide Web global information initiative since 1990. Appendix A of the Electronic Delivery Mechanism Related Standards manual contains a listing of the HTTP version(s) supported by NAESB WGQ.

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**
	0.4.z1	Storage Information
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

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HTTP transaction-set Code Values	NAESB WGQ Standard Number	Transaction Set Description
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
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

- Add the following for the new data set Storage Information - NAESB WGQ Standard 0.4.z1:

TECHNICAL IMPLEMENTATION OF BUSINESS PROCESS

The Storage Information report allows parties to report on storage balances and activity. The **reporting type** indicates whether the report presents balance information or activity information. The balance type report presents the storage balance only. The activity type report presents the storage balance and the activities that affect the balance.

A storage balance is presented in one of four ways. When location data is not present, the **ending storage balance** is used. When location data is present, at least one of the **location ending storage balance**, the **location ending storage balance-firm**, or the **location ending storage balance-interruptible** is used.

In an activity type report, the quantities for each transaction type for a given day are totaled and reported as a single number (e.g. if there are 10 transfers in, each of which is for 10 units on that given day, a total of 100 is shown and not all 10 individual transfers).

The storage report may be provided at either (1) a contract level without sending the location, or (2) a contract / location level. In either case, the flexibility is provided such that the corresponding **storage rate schedule** can be sent. For reporting of ending balances, if the report is sent at a contract level, the ending storage balance is sent. If the report is at the contract / location level, then the location ending storage balance, location ending storage balance–firm or location ending storage balance-interruptible is sent. In addition to sending the location and location balances at the contract / location level, the ending storage balance may be sent at the contract level.

Parties should mutually agree to use the Transportation Service Provider's proprietary entity code when the D-U-N-S® Number is not available.

SAMPLE PAPER TRANSACTION

(Balance Type Report)

Transportation Service Provider	ABC Pipeline Co (987654321)
Contact Person	Joe Accountant
Statement Date/Time	June 8, 2003 10:45PM
Service Requester	Ben Franklin Electric and Gas (878787878)

Service Requester Contract	X-1.10029
Report Type	Balance
Ending Storage Balance	4,500,670
Beginning Flow Date/Time	May 1, 2003 9:00AM
Ending Flow Date/Time	May 31, 2003 9:00AM

(Activity Type Report)

Transportation Service Provider	ABC Pipeline Co (987654321)
Contact Person	Joe Accountant
Statement Date/Time	June 8, 2003 10:45PM
Service Requester	Ben Franklin Electric and Gas (878787878)

Service Requester Contract	X-1.10029
Report Type	Activity

		Quantity				
Beginning Flow Date	**Ending Flow Date**	**Injection**	**Withdrawal**	**Transfer In**	**Transfer Out**	**Ending Storage Balance**
May 1, 2003	May 1, 2003	1,000				11,000
May 2, 2003	May 2, 2003	500		500		12,000
May 3, 2003	May 3, 2003				800	11,200
May 4, 2003	May 4, 2003		400			10,800

DATA DICTIONARY

Standard 0.4.z1

Business Name (Abbreviation)	Definition	Data Group	EBB Usage	EDI/FF Usage	Condition
Accounting Period (Acct Per)	The month and year the information was recorded.	BEDG	SO	SO	
Beginning Flow Date (Beg Date)	The date on which the transportation/transaction first started.	DDG	M	M	
Beginning Flow Time (Beg Time)	The time on which the transportation/transaction first started.	DDG	M	M	Default is beginning of the gas day on the Beginning Flow Date.
Contact Person Data	The name and telephone number of the contact for questions regarding the statement information.	BEDG			
Contact Person (Name) (Contact Name)		BEDG	M	M	
Contact Person (Phone) (Contact Phone)		BEDG	M	M	
Ending Flow Date (End Date)	The date on which the transportation/transaction ended.	DDG	M	M	
Ending Flow Time (End Time)	The time on which the transportation/transaction ended.	DDG	M	M	Default is end of the gas day on the Ending Flow Date.
Ending Storage Balance (End Stor Bal)	The quantity in storage for the Service Requester Contract as of the ending flow date and time.	CDG	C	C	At least one of following is required: • Ending Storage Balance • Location Ending Storage Balance • Location Ending Storage Balance-Firm • Location Ending Storage Balance-Interruptible.

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Business Name (Abbreviation)	Definition	Data Group	EBB Usage	EDI/FF Usage	Condition
Fuel Quantity (Fuel Qty)	The quantity per gas day of fuel in standard units.	TSDG	SO	SO	May only be used when the Report Type is 'Activity'.
Location Data	Unique identification of a point.	LDG			
Location Code* ** (Loc)		LDG	C	C	Mandatory when one of the following is provided: • Location Ending Storage Balance • Location Ending Storage Balance-Firm • Location Ending Storage Balance-Interruptible.
Location Name (Loc Name)		LDG	C	nu	For EBB, mandatory when one of the following is provided: • Location Ending Storage Balance • Location Ending Storage Balance-Firm • Location Ending Storage Balance-Interruptible
Location Proprietary Code (Loc Prop)		LDG	C	C	Mandatory when one of the following is provided: • Location Ending Storage Balance • Location Ending Storage Balance-Firm • Location Ending Storage Balance-Interruptible and Location Code is not present.
Location Ending Storage Balance (Loc End Stor Bal)	The quantity in storage for the Service Requester Contract and location as of the ending flow date and time.	LBDG	C	C	At least one of following is required: • Ending Storage Balance • Location Ending Storage Balance • Location Ending Storage Balance-Firm • Location Ending Storage Balance-Interruptible.

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Business Name (Abbreviation)	Definition	Data Group	EBB Usage	EDI/FF Usage	Condition
Location Ending Storage Balance-Firm (Loc End Stor Bal-Firm)		LBDG	C	C	At least one of following is required: • Ending Storage Balance • Location Ending Storage Balance • Location Ending Storage Balance–Firm • Location Ending Storage Balance–Interruptible.
Location Ending Storage Balance-Interruptible (Loc End Stor Bal-Int)		LBDG	C	C	At least one of following is required: • Ending Storage Balance • Location Ending Storage Balance • Location Ending Storage Balance-Firm • Location Ending Storage Balance-Interruptible.
Maximum Available Daily Injection Quantity (Max AD Inj Qty)	The maximum daily quantity available for injection as of the ending flow date and time, as adjusted for applicable ratchets.	MMDG	SO	SO	
Maximum Available Daily Withdrawal Quantity (Max AD W/D Qty)	The maximum daily quantity available for withdrawal as of the ending flow date and time, as adjusted for applicable ratchets.	MMDG	SO	SO	
Maximum Storage Capacity (Max Stor Cap)	The maximum quantity that can be stored pursuant to the contract.	CCG	SO	SO	
Minimum Required Daily Injection Quantity (Min RD Inj Qty)	The minimum daily quantity required to be injected as of the ending flow date and time.	MMDG	SO	SO	
Minimum Required Daily Withdrawal Quantity (Min RD W/D Qty)	The minimum daily quantity required to be withdrawn as of the ending flow date and time.	MMDG	SO	SO	
Preparer Data	The name of the business party preparing the report.	BEDG			

Business Name (Abbreviation)	Definition	Data Group	EBB Usage	EDI/FF Usage	Condition
Preparer ID * [4] (Prep ID)		BEDG	C	C	Mandatory when the Preparer ID is different from the Transportation Service Provider.
Preparer ID Proprietary Code (Prep ID Prop)		BEDG	C	C	Mandatory when the Preparer ID is different from the Transportation Service Provider and when the Preparer ID is not present.
Preparer Name (Prep Name)		BEDG	C	nu	For EBB, mandatory when the Preparer ID is different from the Transportation Service Provider
Quantity (Qty)	The product quantity in standard units.	TSDG	C	C	Mandatory when the Report Type is 'Activity'.
Report Type Data	Indicates the type of information being reported.	CDG			
Report Type (Rpt Type)		CDG	C	M	For EBB, at least one of Report Type or Report Type Description is required.
Report Type Description (Rpt Type Desc)		CDG	C	nu	For EBB, at least one of Report Type or Report Type Description is required
Service Requester Contract (Svc Req K)	This is the contract under which service is being requested.	CDG	M	M	
Service Requester Data	Identifies the party requesting the service.	BEDG			
Service Requester ID * [4] (Svc Req)		BEDG	M	M	
Service Requester Name (Svc Req Name)		BEDG	M	nu	
Service Requester Proprietary Code (Svc Req Prop)		BEDG	C	C	Mandatory when Service Requester ID is not present.
Statement Basis Data	Code used to identify statement quantities as estimate, actual, or revision. Default value is 'Actual'.	TSDG			

Business Name (Abbreviation)	Definition	Data Group	EBB Usage	EDI/FF Usage	Condition
Statement Basis (Stmt Basis)		TSDG	SO	SO	May only be used when Report Type is 'Activity'.
Statement Basis Code Name (Stmt Basis Name)		TSDG	SO	nu	For EBB, may only be used when Report Type is 'Activity'.
Statement Date/Time (Stmt D/T)	Date and time the statement was produced.	BEDG	M	M	
Storage Rate Schedule (Stor Rate Sch)	The transportation service provider's tariff designation for the storage rate schedule applicable to the Service Requester Contract.	CDG	SO	SO	
Transaction Type Data	This field identifies the specific type of transaction. This field will be populated with NAESB WGQ approved transaction types. For example: authorized overrun, imbalance payback to pipeline, imbalance payback from pipeline, plant thermal reduction, current business, pooling, injection, withdrawal. The default value is 'Current Business'.	TSDG			
Transaction Type (TT)		TSDG	C	C	Mandatory when the Report Type is 'Activity'. When this condition is met, for EBB, at least one of Transaction Type or Transaction Type Description is required.
Transaction Type Description (TT Desc)		TSDG	C	nu	Mandatory when the Report Type is 'Activity'. When this condition is met, for EBB, at least one of Transaction Type or Transaction Type Description is required.
Transportation Service Provider Data	Identifies the party providing the requested service.	BEDG			
Transportation Service Provider * [4] (TSP)		BEDG	M	M	

Business Name (Abbreviation)	Definition	Data Group	EBB Usage	EDI/FF Usage	Condition
Transportation Service Provider Name (TSP Name)		BEDG	M	nu	
Transportation Service Provider Proprietary Code (TSP Prop)		BEDG	C	C	Mandatory when Transportation Service Provider is not present.

RELEVANT FOOTNOTES:

* Indicates Common Code

** When a Transportation Service Provider's proprietary location code is employed pursuant to this standard, the parties agree that nominations, confirmations, scheduled quantities, and capacity release documents employing such code should be for one gas day at a time, and used only until there is a verified common code for the point associated with the proprietary location code. This would include daily nominations over a weekend. Within two months following the availability of the location the parties should employ the common code and no longer employ the proprietary code for identifying such location in the data sets related to the identified standards.

[4] Refer to NAESB WGQ Standard No. 0.3.2.

BEDG Business Entity Data Group
CDG Contracts Data Group
DDG Dates Data Group
LBDG Location Balance Data Group
LDG Location Data Group
MMDG Min/Max Data Group
TSDG Transaction Specific Data Group

CODE VALUES DICTIONARY

Data Element: Report Type

Code Value Description	Code Value Definition	Code Value
Activity	The information being reported includes balance data and transactional data.	
Balance	The information being reported includes only balance data.	

Data Element: Statement Basis

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

Data Element: Transaction Type:

Code Value Description	Code Value Definition	Code Value
Authorized Injection Overrun	Storage injections which exceed contract capacity rights for which authorization has been granted.	12
Authorized Withdrawal Overrun	Storage withdrawals which exceed contract capacity rights for which authorization has been granted.	13
Excess Injection	Storage injection in excess of inventory contractual rights.	
Excess Injection – Daily	Storage injection in excess of daily contractual injection rights	
Excess Withdrawal	Storage withdrawal in excess of inventory contractual rights.	
Excess Withdrawal – Daily	Storage withdrawal in excess of daily contractual withdrawal rights	
Fuel Adjustment	An adjustment necessary to modify fuel calculations	
Imbalance Payback from Transportation Service Provider	A payback of an imbalance from the Transportation Service Provider to the Service Requester.	03
Imbalance Payback to Transportation Service Provider	A payback of an imbalance from the Service Requester to the Transportation Service Provider.	04
Inventory Addition	An adjustment made by the transportation service provider resulting in an increase to the storage inventory.	

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Code Value Description	Code Value Definition	Code Value
Inventory Reduction	An adjustment made by the transportation service provider resulting in a decrease to the storage inventory.	
Netting Injection	An injection as a result of netting a service requester's imbalance(s) with their storage inventory.	
Netting Withdrawal	A withdrawal as a result of netting a service requester's imbalance(s) with their storage inventory.	
Storage Injection	A quantity of gas for storage injection.	06
Storage Inventory Cycling	Quantity that is injected or withdrawn to satisfy storage inventory cycling requirements.	41
Storage Inventory Transfer	A transfer of storage inventory between storage contracts or service requesters.	11
Storage Withdrawal	A quantity of gas for storage withdrawal.	07
Trade Injection	An injection as a result of an imbalance trade between service requesters.	
Trade Withdrawal	A withdrawal as a result of a imbalance trade between service requesters.	
Transfer Injection	An increase in the storage inventory as a result of a transfer of storage inventory between storage contracts or service requesters	
Transfer Withdrawal	A decrease increase in the storage inventory as a result of a transfer of storage inventory between storage contracts or service requesters	
Unauthorized Overrun	Describes a transaction assigned during the allocation process in which allocated quantity exceeds contractual limits and no authorized overrun has been granted.	50
Unauthorized Injection Overrun	Describes an injection transaction assigned during the allocation process in which allocated quantity exceeds contractual limits and no authorized overrun has been granted.	
Unauthorized Transfer	The transfer of unauthorized gas (e.g., trespass gas)	
Unauthorized Withdrawal Overrun	Describes a withdrawal transaction assigned during the allocation process in which allocated quantity exceeds contractual limits and no authorized overrun has been granted	
Un-nominated Injection	An injection transaction assigned during the allocation process for which there is no corresponding nomination.	
Un-nominated Withdrawal	A withdrawal transaction assigned during the allocation process for which there is no corresponding nomination.	
Write Off	[no definition necessary]	

Final Minutes For IR 3/31/04
Attachment 1
R98040 & R98050 Storage Information

- **The levels for the data elements are as follows:**

Level	Business Name	EBB Usage	EDI / FF Usage
H	Accounting Period	SO	SO
H	Contact Person Data	M	M
H	Preparer Data	C	C
H	Service Requester Data	M	M
H	Statement Date/Time	M	M
H	Transportation Service Provider Data	M	M
D	Beginning Flow Date	M	M
D	Beginning Flow Time	M	M
D	Ending Flow Date	M	M
D	Ending Flow Time	M	M
D	Ending Storage Balance	C	C
D	Location Data	C	C
D	Location Ending Storage Balance	C	C
D	Location Ending Storage Balance – Firm	C	C
D	Location Ending Storage Balance – Interruptible	C	C
D	Maximum Available Daily Injection Quantity	SO	SO
D	Maximum Available Daily Withdrawal Quantity	SO	SO
D	Maximum Storage Capacity	SO	SO
D	Minimum Required Daily Injection Quantity	SO	SO
D	Minimum Required Daily Withdrawal Quantity	SO	SO
D	Report Type Data	C	M
D	Service Requester Contract	M	M
D	Storage Rate Schedule	SO	SO
SD	Fuel Quantity	SO	SO
SD	Quantity	C	C
SD	Statement Basis Data	SO	SO
SD	Transaction Type Data	C	C

- **Modify the Flowing Gas Manual as follows:**
  - Modify the Technical Implementation of Business Process for NAESB WGQ Standard 2.4.7 Request for Information to add the following in paragraph 4 after item 3:

4. Storage Information - - - > information related to service requesters storage activities and / or balances, if applicable.

- Modify NAESB WGQ Standard 2.4.7 Request for Information data dictionary as follows:

Standard 2.4.7

Business Name (Abbreviation)	**Definition**	**EDI / FF Usage**	**Condition**
Information Requested Begin Date (Info Req Beg)	The requested beginning date of the information. For the request for allocation, ~~or request for~~ shipper imbalance, or storage information this date should reflect a month and year. For the request for scheduled quantity, this date could reflect a day, month and year or a month and year.	M	
Information Requested End Date (Info Req End)	The requested ending date of the information. For the request for allocation, ~~or request for~~ shipper imbalance, or storage information this date should reflect a month and year. For the request for scheduled quantity, this date could reflect a day, month and year or a month and year.	SO	Used when • more than one month of allocation, ~~or~~ shipper imbalance, or storage information is requested or • more than one day of scheduled quantity information is requested.
Location Data	Unique identification of a point.		
Location Code * ** (Loc)		C	Mandatory when Data Sets Requested is 'Allocation for a specified location', otherwise not used.
Location Proprietary Code (Loc Prop)		C	Mandatory when Data Sets Requested ~~is~~ the following two conditions are present: • 'Allocation for a specified location' and • Location Code is not present; otherwise not used..
Service Requester Data	Identifies the party requesting the service, or their agent.		

Business Name (Abbreviation)	Definition	EDI / FF Usage	Condition
Service Requester * [4] (Svc Req)		C	Mandatory when Data Sets Requested is~~, one of the following~~ not 'Allocation for a specified location' or 'Allocation for all locations.': • ~~'Shipper Imbalance for a specified service requester's contract'~~ • ~~'Shipper Imbalance for all of the service requester's contracts'~~ • ~~'Scheduled Quantity for a specified service requester's contract', or~~ • ~~'Scheduled Quantity for all o f the service requester's contracts',~~ ~~otherwise not used.~~

Service Requester Proprietary Code (Svc Req Prop)		C	Mandatory when the following conditions are met:
			• Data Sets Requested is ~~one of the following~~ not 'Allocation for a specified location' or 'Allocation for all locations':
			  ~~•'Shipper Imbalance for a specified service requester's contract'~~
			  ~~•'Shipper Imbalance for all of the service requester's contracts'~~
			  ~~•'Scheduled Quantity for a specified service requester's contract', or~~
			  ~~•'Scheduled Quantity for all of the service requester's contracts', or~~
			• and Service Requester is not present~~.~~.
			~~otherwise not used.~~

Service Requester Contract (Svc Req K)	This is the contract under which service is being requested.	C	Mandatory when Data Sets Requested is one of the following: • 'Shipper Imbalance for a specified service requester's contract' or • 'Scheduled Quantity for a specified service requester's contract'; otherwise not used..

- Modify NAESB WGQ Standard 2.4.7 Request for Information code values dictionary as follows:

Data Sets Requested

Code Value Description	Code Value Definition	Code Value
Storage Information	[no definition necessary]	

- Modify NAESB WGQ Standard 2.4.8 Response to Request for Information code values dictionary as follows:

Data Availability Code

Code Value Description	Code Value Definition	Code Value
Not supported by the Transportation Service Provider. This value is only a valid response when responding to a request for Storage Information.	[no definition necessary]	