

GAS INDUSTRY STANDARDS BOARD
EXECUTIVE COMMITTEE MEETING
AUGUST 13, 1997



**GAS INDUSTRY STANDARDS BOARD
GISB EXECUTIVE COMMITTEE MEETING
MEETING MATERIALS
AUGUST 13, 1997**

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¹ Transcripts of the June 10 meeting can be ordered from Jane Copeland of Ak/Ret Reporting, by calling 512-882-9037.



GAS INDUSTRY STANDARDS BOARD
GISB EXECUTIVE COMMITTEE MEETING
MEETING MATERIALS
AUGUST 13, 1997

WELCOME AND OPENING REMARKS

- The meeting is held at:
The Army and Navy Club
(On Farragut Square)
901 17th Street NW
Washington, D.C. 20006

Phone: 202-628-8400

Conference Room : Ballroom

- Times are:
August 13, 1997: 10:00 a.m. to 5:30 p.m.

The chairman may elect to extend the hours of the meeting if more time is required to complete the agenda.

- For further assistance please reach :
Veronica Thomason at (713) 757 - 4175

- The officers presiding over the Executive Committee meeting are:
Mike Bray - Chairman
Jerry Hahn - Vice-Chair
Rae McQuade - Executive Director

- Transcripts will be available from Jane Copeland, Ak/Ret Reporting, Inc. and can be ordered either during the meeting, or by calling 512-882-9037.



ANTITRUST GUIDELINES

- GISB General Counsel Dennis Holbrook will review the antitrust guidelines. The points are :

Antitrust guidelines direct meeting participants to avoid discussion of topics or behavior that would result in anti-competitive behavior including: restraint of trade and conspiracies to monopolize, unfair or deceptive business acts or practices, price discriminations, division of markets, allocation of production, imposition of boycotts, and exclusive dealing arrangements.



GAS INDUSTRY STANDARDS BOARD
GISB EXECUTIVE COMMITTEE MEETING
MEETING MATERIALS
AUGUST 13, 1997

ADOPTION OF AGENDA

- The proposed agenda, attached, has been distributed and is available on GISB's home page.
- **The Executive Committee is requested to review the agenda, suggest changes if needed, and vote to adopt the agenda.**



GISB EXECUTIVE COMMITTEE MEETING

The Army and Navy Club
On Farragut Square, 901 17th Street NW , Washington, D.C. 20006

PROPOSED AGENDA

August 13, 1997 -- 10:00 a.m. to 5:30 p.m.

- | | | |
|------------|----|--|
| 10:00 a.m. | 1. | Welcome <ul style="list-style-type: none">- Antitrust Guidelines- Welcome to members and attendees- Adoption of Agenda- Adoption of the Draft Minutes of July 10, 1997 |
| 10:15 a.m. | 2. | Review of Recommended Standards and Interpretations - R97054, C97002A <ul style="list-style-type: none">- Discussion- Vote by Executive Committee Members at a "17/2" Level |
| 10:45 a.m. | | Review of Recommended Model Trading Partner Agreement - R97035, R97060 <ul style="list-style-type: none">- Discussion- Vote by Executive Committee Members |
| Noon | | WORKING LUNCH |
| 1:00 p.m. | 3. | Scope Determination and Triage Actions <ul style="list-style-type: none">- Scope determination on New Requests : Discussion and Procedural Vote- Triage Actions for New Requests : Discussion and Procedural Vote |
| 1:30 p.m. | 4. | Update on Process Subcommittee Issues with possible votes <ul style="list-style-type: none">- Business Practices Subcommittee- Affiliated Groups- Triage Group<ul style="list-style-type: none">- Triaging Interpretation Requests |
| 2:30 p.m. | 5. | September 1 FERC Report and Conversations with FERC Staff <ul style="list-style-type: none">- Transfer of C97012 and C97013 to Business Practices Subcommittee |
| 3:30 p.m. | 6. | Definitions Task Force Update |
| 4:00 p.m. | 7. | Annual Meeting Update |
| 4:15 p.m. | 8. | EDI Matrix Report -- Comments Received by the GISB Office |
| 4:30 p.m. | 9. | Subcommittee Updates <ul style="list-style-type: none">- Forms and their Usage -- Conference Call on July 28 |
| 5:30 p.m. | | Adjourn |

Note: The business attire is business casual. The Chairman, at his discretion, may extend the hours of the meeting to ensure that all agenda items are addressed.



GAS INDUSTRY STANDARDS BOARD
GISB EXECUTIVE COMMITTEE MEETING
MEETING MATERIALS
AUGUST 13, 1997

ADOPTION OF MINUTES

- The minutes of July 10, 1997 were posted on the home page for review and are included in these materials for vote to adopt.
- **The Executive Committee is requested to review the draft minutes, suggest changes if needed, and vote to adopt as minutes of the meeting.**



**GAS INDUSTRY STANDARDS BOARD
Executive Committee Meeting
July 10, 1997 -- 10:00 a.m. to - 5:00 p.m.**

**Doubletree Hotel, 400 Dallas, Houston, TX
DRAFT MINUTES**

I. Introductory Items

Jerry Hahn welcomed the attendees and the Executive Committee (Executive Committee) members to Houston. Dennis Holbrook reviewed the antitrust guidelines. Housekeeping items and materials distributed were covered. The roll call was announced. The agenda was modified to add two items -- (1) a review of minor corrections and clarifications needed for the publication of the July 31 standards manuals and booklet, and (2) a discussion by Greg Lander of technical matters on June 12. Draft Executive Committee minutes from June 11 and June 12, 1997 were reviewed and adopted with changes.

II. Recommended Standards and Interpretations

Comments were received from Great Lakes and were considered in the deliberations. For each proposed standard or clarification, the discussion is listed below (please see attachment for statements of adopted standards and interpretations):

For request R96083, Kim Van Pelt described the request and recommended standard modification to the Statement of Account. Changes were made to the explanatory verbiage for the data element "invoice date" which is: "For GISB, this element is Sender's Option. The value is Invoice Date, if applicable, or if not applicable, repeat the value of data element Due Date." The motion was made to adopt the recommended standard. The Executive Committee supported the proposed standard unanimously, with two votes from each segment, and a total of seventeen affirmative votes cast. One member was absent from the vote. The motion passed unanimously. (Please see the attachment for the standards and interpretations adopted by the Executive Committee).

For the recommended interpretation for request C97003, after discussion, a motion was made to adopt the interpretation with no changes. The motion was seconded and the vote taken. The Executive Committee supported the proposed interpretation unanimously, with two votes from each segment, and a total of seventeen affirmative votes cast. One member was absent from the vote. The motion passed unanimously. (Please see the attachment for the standards and interpretations adopted by the Executive Committee).

For the recommended interpretation for request C97005, after discussion, a motion was made to adopt the interpretation with no changes. The motion was seconded and the vote taken. The Executive Committee supported the proposed interpretation unanimously, with two votes from each segment, and a total of seventeen affirmative votes cast. One member was absent from the vote. The motion passed unanimously. (Please see the attachment for the standards and interpretations adopted by the Executive Committee).

For the recommended interpretation for request C97006, after discussion, a motion was made to adopt the interpretation with no changes. The motion was seconded and the vote taken. The Executive Committee supported the proposed interpretation unanimously, with two votes from each segment, and a

Draft Executive Committee Draft Minutes - July 10, 1997

total of seventeen affirmative votes cast. One member was absent from the vote. The motion passed unanimously. (Please see the attachment for the standards and interpretations adopted by the Executive Committee).

For the recommended interpretation for request C97007, after discussion, a motion was made to adopt the interpretation with no changes. The motion was seconded and the vote taken. The Executive Committee supported the proposed interpretation unanimously, with two votes from each segment, and a total of seventeen affirmative votes cast. One member was absent from the vote. The motion passed unanimously. (Please see the attachment for the standards and interpretations adopted by the Executive Committee).

IIA Minor Corrections

Sylvia Munson described the minor corrections which were also described as oversights. In the process of updating the Standards Booklet with the items approved by the Executive Committee and ratified by members on February 28, 1997, it has come to the GISB office's attention that three standards required corrections. The corrected language for these standards is described in an attachment to the minutes. The Executive Committee adopted the corrections under the GISB Operating Practice for Minor Corrections and Clarifications. They will be posted in the Standards Action Bulletin as notification of the change and the industry is offered the opportunity to comment. With no adverse comments supplied, the corrections will be published in the July 31 release of the Standards Manuals and Standards Booklet.

III. New Requests

Request R97096 was found within scope and the triage action to forward the request to the newly formed Contracts Subcommittee Task Force on Day Trading was approved. The chairs of the newly formed task force are Bill Hebenstreit of El Paso Energy and Mike Wallace of NorAm. There will be an end of the year report on the task force's progress. Please see the attachment for a summary description of the request and further information.

Request R97102 did not require action from the Executive Committee as action had already been taken during the June 11 and 12 meeting of the Executive Committee. It was presented to the Executive Committee in order to finalize the administrative process for this request and further information.

Request R97103 was found within scope and the triage action to forward the request to the Business Practices Subcommittee was approved. If BPS determines that GISB should specify versions and revision numbers in its technology standards, the request would then be forwarded to Future Technology Task Force for determination of recommended versions for each technology standard (such as PGP, RTF, HTTP, and HTML). The activity on request R97103 should begin in September and conclude by year end. Please see the attachment for a summary description of the request and further information.

Request R97104 was found within scope and the triage action to forward the request to the Business Practices Subcommittee was approved. If the BPS determines that a new standard or modification of an existing standard is necessary, then the request with BPS instructions and BPS work products should be transferred to the Future Technology Task Force. Please see the attachment for a summary description of the request and further information.

Request R97105 was a duplicate of R97051, and was withdrawn by the requester. As such no action was needed.

Request R97106 was found within scope and the triage action to forward the request to the Information Requirements Subcommittee was approved. There will be an end of the year report on the task force's progress. Please see the attachment for a summary description of the request and further information.

Request R97107 was found within scope and the triage action to forward the request to the Business Practices Subcommittee was approved. The action on the request should begin in July and conclude by year end. Please see the attachment for a summary description of the request and further information.

V. Process Subcommittee Update

The fifth agenda item was moved before the fourth at the request of an Executive Committee member. Bill Boswell highlighted the Process Subcommittee meeting held directly prior to the Executive Committee meeting. The recommended GISB Operating Practice for the Interpretation Subcommittee Mission and Procedures was reviewed and modified, (please see attachment). The motion was made and seconded to adopt the amended GISB Operating Practice for the Interpretation Subcommittee Mission and Procedures. The procedural motion passed unanimously with 17 votes in favor. Bill Boswell noted that a letter was sent in support of the use of parliamentarians Bill Boswell and Dennis Holbrook when task forces or subcommittees require it. Other missions and procedures were available, but will be discussed in August, (see attachments).

IV Gas Day

Jean Ford of KN Energy presented information regarding request R97096, which requested that GISB standard 1.3.1 be modified for standard time instead of clock time for gas day. She had several questions in reviewing the transcripts relevant to gas day. KN Energy uses the standards for its interstate, intrastate and gathering facilities, but in the case of standard 1.3.1, it is only used for the interstate pipelines. She conducted a poll of interstate pipelines and the results were inconclusive on the question of "Should this gas day issue of clock versus standard time be reopened?". The results prior to the Executive Committee meeting were four in favor and five opposed, but results are still being received. Brian White has put out a similar survey but the results are not yet available.

Comments were made that the issue may be premature and could be postponed to consideration in either 1998 or 1999. Jean Ford responded that KN Energy would prefer that this issue be resolved prior to the October 1997 to avoid incurring a \$100,000 expense to physically make the changes to reflect the daylight savings changes. Others noted that this change could be addressed through software rather than physical changes. Jean Ford responded that there were concerns on how the software changes could be implemented in the back office. Comments were made regarding the need for a time sink up in the nominations process but added that in the future the sink up time might change as electric industry requirements become more important to the gas industry. Others observed that the membership does not have any new consensus on the change to standard 1.3.1 and it should be reviewed as the marketplace evolves further.

The motion was made to table the request for an indefinite time, and the motion was seconded. As a procedure to reactivate the request, any Executive Committee member could make the motion at an Executive Committee meeting with a simple majority requirement for approval. The vote was taken on the procedural motion and it passed with fourteen out of sixteen possible votes in favor. Lee Smith and Norm Walker absent, and Mark Scheel and Mike Novak were in opposition.

Jean Ford requested that when the request is reactivated, that it be viewed from an industry rather than an interstate pipeline perspective. Bill Boswell asked that a proposal be drafted before it is discussed again. The tabling vote does not indicate opposition to changing standard 1.3.1, it does indicate opposition to changing standard 1.3.1 at the time of the receipt of the request. Tabling an agenda item indefinitely is to be viewed as "at this point in time, a change is not required, but in the future, there may be a need for a change."

VI. Discussion Groups

Jim VanderNoot reviewed the update on the use of discussion groups. Cheryl Loewen had several questions, some of which were answered in Jim Vander Noot's update, and others would be presented in the Future Technology Task Force's upcoming telephone conference. Cheryl Loewen volunteered that she would invite the task forces of the Contracts Subcommittee for involvement in the testing. The first stage of testing however should have a limited number of participants, for control and administration of the test -- and currently is limited to twelve. The first stage of testing should be completed in September. After September, both Cheryl Loewen and Carl Caldwell volunteered to participate in the testing. The Future Technology Task Force conference call is scheduled on July 25 starting 1:30 p.m. central.

VII. Electronic Commerce Usage Matrix

The draft matrix, which replaces the EDI survey used by Gas*Flow, was discussed with Sylvia Munson leading the discussion. Recommendations to draft directions, user information, and indications for testing/production on the survey were made during the meeting. Written suggestions should be forwarded to Sylvia Munson for consideration before the next meeting. It was noted that the survey itself, will be made available to all interested parties, including those who are not members. No discussion was held on how and to whom the survey results would be made available.

VIII. FERC Conversations

There have been no conference calls with FERC staff since the last Executive Committee meeting. A call is scheduled for July 11 to informally update staff on GISB activities. From GISB, the participants are the GISB Officers, Rae McQuade and Dennis Holbrook. There was an hour long conference call with the NARUC Gas Subcommittee members, chaired by Henry Einhorn. The topic of the call was a highly summarized report on the Advisory Committee meeting held earlier this year.

X. ANSI Update - Codes & Accreditation

Don Loesch of Texaco updated the Executive Committee on the need to obtain X12 acceptance of codes and code values that GISB specifies for use but are not currently reflected in the X12 standards. A level of urgency is needed because some of the codes specified by GISB could be taken by other groups if GISB does not submit those changes through the X12 process. On October 5, there is a meeting in Los Angeles where the code requests will be discussed. To prepare for that meeting, the X12 request forms should be completed for the requested codes. Concerns were raised on when the codes would be available if approved by X12. The earliest date for approval is February 1998. Further complications were highlighted with regard to the version of the X12 EDI transactions -- X12 includes newly approved codes in the most recent version of the transactions -- which could require structural changes to the EDI Implementation Guides portion of the GISB standards, and as a result require structural changes to the implementations of companies that are GISB compliant. GISB would not be able to reflect the version accurately until January 1999 at the earliest depending on the types of structural changes made.

On accreditation as an SDO, we have responded to ANSI, with the changes discussed by the Executive Committee for the "Procedures to Adopt Standards" and with further communications to X12 members regarding their concerns about GISB becoming an ANSI Accredited Standards Development Organization. Dennis Holbrook expects that GISB accreditation should be discussed by ANSI in September, possibly resolved by the Board meeting on October 1.

IX. Reports

Sylvia Munson reviewed the draft forms that could streamline the information flow require for standards and interpretations. Several task force and subcommittee chairs noted that more testing is required before these forms can be posted on the home page for industry use. The testing should conclude in September. The forms and their usage will be discussed on July 28 in a chairs conference call.

XI. Subcommittee Updates

An Intraday Nominations Task Force meeting will be held on July 11 from 8 a.m. to 5 p.m. On the MTPA task force, the next meeting will review several sets of draft minutes, and is scheduled for July 15, from 10:30 a.m. and 1:00 p.m. An OBA Contracts Task Force meeting is scheduled for early August, and the Contracts Funds Transfer Agreement Task Force is scheduled for Washington on July 22. Keith Sappenfield updated the group on the progress made toward the 1997 Annual Meeting. The speakers confirmations are close to conclusion, and arrangements for a golf tournament are underway.

For the Technical Subcommittee, Kim Van Pelt noted that while many requests have been transferred to the Technical Subcommittee through observations of other groups' minutes, no formal requests and work papers have been forwarded to the Technical Subcommittee, so work on these "transferred" requests have not started. She requested that the Information Requirements Subcommittee please forward all information needed to the Technical Subcommittee to avoid delays in addressing requests.

On the request log, interpretation log, and sorted report on assignments and completion dates, Rae McQuade asked that all task force and subcommittee chairs carefully review those requests that have been assigned to them to ensure that the logs are correct. Any corrections should be forwarded to the GISB office in writing.

The Interpretations Subcommittee is meeting on July 11 from 10:00 a.m. to noon, although it is expected that the conference call will not taken the full time allotted. Mark Gracey will provide phone conferencing ability at Travis Place, for those at the Intraday Task Force meeting that want to participate in the Interpretations Subcommittee call. While not specifically a GISB topic, Norm Walker was asked by Tom Ehinger to update the group on his technical conference held in Washington on July 9. A very brief introduction was noted by Norm Walker, with indications that this topic was not a GISB agenda item nor related to a GISB activity.

XII. Adjourn

There was a motion to adjourn. The next meeting will be one day in duration on Wednesday August 13 in Washington, from 10:00 a.m. to 5:00 p.m. The Process Subcommittee meeting will directly precede the Executive Committee Meeting from 8:00 a.m. to 10:00 a.m. The meeting was adjourned at 4:00 p.m.

XII. Attendance

EXECUTIVE COMMITTEE

<u>SEGMENT</u>	<u>ATTENDING</u>	<u>MEMBERS/ALTERNATES</u>
END USERS:	✓	Kristine Mespelli
	✗	Rita Conway
	✓	Lee Smith
	✓	Lynnette Wilson
		Vacancy
LDCs:	✓	William Boswell
	✗	Darlene Buchholz
	✗	Kirt Kleinman
	✓	Mike Novak
	✗	Gary Beland
PIPELINES:	✓	Mark Gracey for Mike Bray
	✓	Theresa Hess for Max Feldman
	✓	Dale Davis for vacancy
	✓	Joyce Phillips for Fred Wolgel
	✓	Norm Walker (absent for portion of the meeting)
PRODUCERS:	✓	Jerry Hahn
	✓	Tom Ehinger
		Vacancy
	✗	Hugh Roberts
	✓	Bob Wallenhorst
SERVICES:	✓	Carl Caldwell
	✓	Steve Kretsch for Dave Pfeifer
	✓	Cheryl Loewen
	✓	Mark Scheel for the vacancy
	✓	Keith Sappenfield
<u>Administrative:</u>	Rae McQuade,	- Executive Director
	Dennis Holbrook	- General Counsel
	Sylvia Munson	- GISB Staff
	Dalia Alejos	- GISB Staff
	Jane Copeland	- Ak/Ret Reporting
<u>Observers:</u>	1.	Sandra Barnett Koch Gateway
	2.	Denise Breeden El Paso Energy
	3.	Catherine Calpotura Pacific Gas & Electric
	4.	Cynthia Corcoran Duke Energy
	5.	Julie Dennis Koch Gateway
	6.	Jean Ford KN Energy
	7.	Theresa Hess Enron
	8.	Greg Lander TransCapacity
	9.	Gary Payne Enron Capital and Trade
	10.	Lanyard Sledge El Paso Energy
	11.	Leigh Spangler Latitude Technologies
	12.	Kim Van Pelt Duke Energy Corp
	13.	Jim Vander Noot El Paso Energy

- Attachments:
1. Standards and Interpretations Adopted by the Executive Committee
 2. Minor Corrections and Clarifications Adopted by the Executive Committee
 3. Executive Committee Adoption of Triage Group Recommendations
 4. GISB Operating Practice -- Interpretations Subcommittee Mission and Procedures
 5. Draft procedures for the Triage Group
 6. Draft procedures for the Business Practices Subcommittee
 7. Draft procedures for the Affiliated Groups



Gas Industry Standards Board

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Home Page: www.gisb.org

July 10, 1997

TO: Executive Committee, Posting on the GISB Home Page
FROM: Rae McQuade, Executive Director
RE: Standards and Interpretations Adopted by the Executive Committee on July 10, 1997

R96083 For the Statement of Account, the Technical Subcommittee recommends maintaining the current mapping of the *Invoice Date* data element to the ANSI mandatory field ADJ05. However, the explanatory verbiage for the invoice date data element would be modified to: "For GISB, this element is Sender's Option. The value is Invoice Date, if applicable, or if not applicable, repeat the value of data element Due Date."

Proposed Mapping -- ADJ Segment

<u>GISB Usage</u>	<u>ANSI Field</u>	<u>GISB Field or Value</u>	<u>ANSI Usage</u>
Must Use	ADJ01	'L'	Mandatory
Must Use	ADJ02	Amount Due	Mandatory
Must Use	ADJ03	Invoiced Amount - For GISB, this element is Sender's Option. Send zero if not applicable.	Mandatory
Must Use	ADJ04	Due Date	Mandatory
Must Use	ADJ05	Invoice Date - For GISB, this element is Sender's Option. The value is Invoice Date, if applicable, or if not applicable, repeat the value of the data element Due Date.	Mandatory
	ADJ10	Paid Amount - For GISB, this element is Sender's Option.	Optional

C97003 "Do these standards taken together mean that all allocated quantities and imbalance statements will at least provide daily quantity detail, even when the quantities are estimates? Do these standards taken together mean that all allocated quantities and imbalance statements will also provide monthly quantity detail even if the quantities are estimates?"

Interpretation:

"Standard 2.3.27 states: "Allocated quantities and imbalances should be expressed in the same units as the nominated quantities." Standard 2.3.15 states: "There are two types of allocations: daily and monthly." Standard 2.3.24 states "Delivery point allocations should be provided at the lowest level of detail provided by nominations." And in relevant part, standard 1.2.14 states: "The standard quantity for nominations, confirmations and scheduling is Dekatherms per gas day in the United States...."

"That standard 2.3.15 refers to both daily and monthly allocations does not mean that transportation service providers must perform both daily and monthly allocations, but rather that there are both daily and monthly types of allocations. In essence this means

Attachment 1 to the Executive Committee Minutes of July 10, 1997

Executive Committee Adoption of Standards on July 10, 1997

Page 1



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that any given allocation is either daily or monthly. Just as there are three model types for transportation, but a transportation service provider may choose to support just one, so too are there two types (models) of allocations: daily and monthly and a transportation service provider may also choose to support just one."

"This means that it is possible to have an allocated quantity and an imbalance statement that does not provide daily quantity detail."

C97005 Is the definition of previously released indicator clear?

Interpretation:

"This means that the Offer is comprised of capacity made up in whole or in part of capacity which was acquired by the releasing shipper on a non-permanent basis. A releasing shipper which acquires capacity through a permanent release is not considered to have acquired that capacity via a non-permanent release; and, any offers of that capacity (acquired via permanent release) by that shipper would not be considered a release to which the subject indicator would be applicable. This indicator does not communicate to parties employing the Capacity Release Offer dataset that this capacity may have been released by this releasing shipper before this time, but rather it is intended to communicate that the releasing shipper acquired the now offered capacity via a previous non-permanent release."

C97006 In the "Request for Confirmation" document, should the sender indicate the quantity that a shipper requested, or should the quantity indicate only the positive or negative change requested?

Interpretation:

"For nominating and confirming purposes, the way to express quantities is as a zero or positive quantity. This applies to the request to confirm document and also to the confirmation response document."

"It is difficult to understand what the expected business result would be as to the confirmed quantity the confirmation requester would receive in the confirmation response if a 'change only' quantity were to be sent and responded to. It would be ambiguous and misleading to receive back a confirmation for -20 units, rather than the 80 units that is going to flow. The reverse is also true. By operation of standard 1.3.22, where a service requester 'changed' its nomination from 100 units to 120 units, requesting a confirmation of 20, (the change) would result in the confirming party's overwriting of the original 100 units with a requested confirmation of 20 units. Changes should mean the resulting total quantity per gas day for the nominated period and not the numeric value of the change from a previously scheduled quantity."

"Furthermore, application of a change only or negative quantity to the portion of standard 1.3.22, relating to the 'lesser of' rule, is difficult at best if the confirmed quantity is the numeric value of the 'change'."

C97007 It should be clarified that the "Nomination Quick Response" document due at noon as required by GISB standard 1.3.2 is used to validate the nomination request in implementing the X.12 nomination related data sets and is not required for the other forms of electronic delivery of Faxes and EBB on-line systems.

Interpretation:

"As the references to datasets within the nominations process timelines portion of the GISB standards (specifically Standard 1.3.2) are references to the datasets in the 1.4.x



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series and not to non-standard formats (as would be the case with non-standard delivery mechanisms such as deliveries via faxes or deliveries via EBBs), it is not intended that the 'quick response' (a standard response to a standard request) be required as a response to a non-standard request."

"In relevant portion, GISB Standard 1.3.2 references a 'quick response by noon'. This reference to the 'quick response' is specifically to the GISB EDI X12 Nomination Quick Response document. The Nomination Quick Response is a defined document within the 1.4.x portion of the nomination related standards and is used to validate the nomination (or provide relevant and applicable errors and warnings) in implementing the nomination process via the EDI X12 data sets (the GISB Standards contained in the 1.4.x series and the associated implementation guides)."



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July 10, 1997

TO: Executive Committee, Posting on the GISB Home Page

FROM: Rae McQuade, Executive Director

RE: Minor Corrections and Clarifications Adopted by the Executive Committee on July 10, 1997

The Executive Committee was adopted the minor corrections to the February 28, 1997 standards and they will be included in the July 31, 1997 version of the standards manuals and booklet, assuming no adverse comments are received through the posting and request for comments through the Standards Action Bulletin.

1 Standard 2.4.6 -- Measured Volume Audit Statement (Requests R96005, R96092)

The Measured Volume Audit Statement, GISB standard 2.4.6, was added as a standard as a result of request R96005, and includes two data elements: "Beginning Flow Date/Time" and "Ending Flow Date/Time". GISB standard 2.4.6 was modified with the ratification of request R96092 to split the two data elements "Beginning Flow Date/Time" and "Ending Flow Date/Time" to four data elements: "Beginning Flow Date", "Beginning Flow Time", "Ending Flow Date", "Ending Flow Time". The adoption of the modification to a standard represented in request R96092 modified all flowing gas data sets, including GISB Standard 2.4.6. The modification to GISB Standard 2.4.6 was inadvertently omitted from the Final Action document prepared for the February 28 ratification, but the final action document did include the modifications to the other flowing gas data sets.

Minor Correction:

Correct GISB Standard 2.4.6 data elements from "Beginning Flow Date/Time" and "Ending Flow Date/Time" to "Beginning Flow Date", "Beginning Flow Time", "Ending Flow Date", and "Ending Flow Time".

2 Standard 1.4.4 -- Confirmation, (Request R96054)

GISB standard 1.4.4 was modified as a result of request R96054. The modification was the addition of the "Service Requester" data element to the Confirmation data set (1.4.4) with a usage code of "C". The corresponding condition was inadvertently omitted from the final action document and the ballot. The condition that should have been stated was "Mandatory when present in the request for confirmation". All data elements with a condition of 'C' are required to have a corresponding condition statement in all GISB data sets.

Minor Correction:

Correct GISB Standard 1.4.4 to add the condition of "Mandatory when present in the request for confirmation" to the "Service Requester" data element.

3 Standard 3.4.1 -- Transportation/Sales Invoice, (Request R96063)

This request addressed standard abbreviation definitions for all Invoice Related data sets. The standard supporting request R96063 included a list of all existing data elements and their associated abbreviations. The data elements "Associated Contract", "Charge Type", "End



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Transaction Date" and "End Transaction Time" were added to the data sets after the modification to the invoice related data set standards was approved. As a result, there are no approved abbreviations for the elements listed above. The modifications to standards which added the four data elements did not include standard abbreviations for them.

Minor Correction:

Correct GISB Standard 3.4.1 to include the following abbreviations:

Associated Contract	Assoc K
Charge Type	Chrg Type
End Transaction Date	End Tran Date
End Transaction Time	End Tran Time

note: that these abbreviations use abbreviations from the approved list to comprise the proposed abbreviation (e.g. "K" = Contract)



Gas Industry Standards Board

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July 10, 1997

TO: Executive Committee, Posting on the GISB Home Page
FROM: Rae McQuade, Executive Director
RE: Executive Committee Adoption of Triage Group Recommendations on July 10, 1997

The Executive Committee met on July 10, 1997 and approved the following actions for new requests for standards.

- R97096 Create a standard contract for day trades.
From: El Paso Energy
Summary: Please see the request posted on the home page. It is a series of e-mail messages.
Triage: Send to Contracts Subcommittee Task Force on Day Trading.
Priority: End of year report on progress.
EC Action: Found within scope. All 17 members voted unanimously to support Triage.
- R97102 Develop standards to implement the five postings on the Internet as described in GISB standard 4.3.6, version 1.1, in a consistent and user-friendly manner.
From: Natural Gas Clearinghouse
Summary: GISB should further evaluate such standards as are necessary to ensure that the five postings in GISB Standard 4.3.6 version 1.1 are implemented by Transportation Service Providers in a consistent and user friendly manner including the development of common Web page structures, viewing formats, nomenclature, logon procedures, and download capabilities.
Triage: The Executive Committee has already addressed this item in the meeting on June 11. The request was filed to complete the necessary paperwork. The assignment was made to the Internet "Look and Feel" group of the joint BPS, Future Technology Task Force, and IR subcommittees.
Priority: As soon as possible, with a high priority.
EC Action: Found within scope. Previously determined by the EC as in scope and direction stated by Triage group.
- R97103 Develop version and revision level of technology standards.
From : Future Technology Task Force
Summary: The version and revision level of technology standards adopted by GISB and referenced in GISB standards should be clearly stated in the applicable standard(s). Any implementation of GISB standards should, at a minimum, be compatible with this version. Changes to the version and revision level of open standards should be made only through the GISB standards process. Note: This refers only to technology standards

Attachment 3 to the Executive Committee Minutes of July 10, 1997



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formulated by other standards organizations such as the Internet Engineering Task Force and the World-Wide Web Consortium. As with other GISB standards, the referenced version and revision is considered a minimum level that must be matched in order to remain compliant. Other versions may be implemented as long as they are fully compatible with the specified version. This means that they must support all functions and features included in the version designated in the standard. Because technology and open standards are evolving quickly, there is some concern that inclusion of version information in a standard may be too restrictive. If the published version is considered a minimum as described above, this issue is mitigated. Furthermore, it will ensure that changes to the published version will only be made when that version level no longer serves the industry, either because new functionality is needed or because commercially available products are no longer functionally compatible. Such changes have industry-wide impact and may affect other standards. Therefore it is important for them to be coordinated through the standards process.

A concern has arisen over what version of an open standard (e.g., HTTP, HTML) should be used in order to be compliant with GISB standards. This principle defines a mechanism for publishing version information. Specifying this information within the applicable standards conveys important details that the industry needs for successful and compatible implementations. In addition, it ensures that the GISB standards process will be applied to determining if and when that version should be changed. These standards will not result in incremental cost. Rather they will control costs by helping companies to implement technical standards in a more efficient and uniform fashion. Furthermore, they will ensure that versioning of open standards occupies GISB task force time only when there is a material reason to consider a change. Although technologies are evolving rapidly, there is ordinarily a period of several months during which new technologies are incorporated into commercial products, tested and deployed. It is expected that this cycle will allow sufficient time for GISB to accommodate those changes in an orderly fashion. However, circumstances could arise that might require GISB to accelerate its adoption of technology changes.

- Triage: Send to BPS. If BPS determines that GISB should specify versions and revision numbers in its technology standards, then forward to Future Technology Task Force for determination of recommended versions for each technology standard (such as PGP, RTF, HTTP, and HTML).
- Priority: September to be completed by end of year.
- EC Action: Found within scope. All 17 members voted unanimously to support Triage. It was noted that the version numbers apply to third party software referenced in GISB standards.

R97104 Add a new standard to the current GISB Electronic Delivery Mechanism standards to address testing.
From : TransCapacity



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Summary: The request is to add a new standard to the current GISB Electronic Delivery Mechanism standards. This proposed standard deals with testing, and as such can and should be read in conjunction with existing GISB Standard No. 4.3.14 that reads in part: "The industry should use standard policies and guidelines for testing new data sets."

Proposed Standard:

"Testing of new data sets includes testing of the current and/or future electronic delivery mechanisms including related EDI implementation issues (i.e., enveloping and security). Standard policies and guidelines should be developed to test these aspects."

While standard 4.3.14 indicates that the industry uses standard testing methodology for testing of the GISB standardized datasets, this is only a piece of the overall testing that must take place. TransCapacity believes that this standardized testing methodology should be applied to the underlying communication methodology (Electronic Delivery Mechanisms), security features, and EDI enveloping, as well as to the datasets themselves. This new standard would apply to testing of the electronic delivery mechanisms and communication procedures. Mere testing of datasets, without the surrounding methods of communication, accomplishes neither the purpose or spirit of the existing standards.

Standardized testing methodologies are clearly beneficial to the goal of a seamless electronic marketplace for natural gas. Participants in the GISB standards initiation and adoption process recognized this in enacting the existing GISB standard No. 4.3.14. However, this standard - as written - is arguably applicable only to the datasets themselves. (Though this is not TransCapacity's view, it can rationalize a reading of the standard in this manner.) The proposed additional standard language will clarify the issue that standardized testing also applies to the electronic delivery mechanism including related EDI implementation issues (i.e., enveloping and security). This will ease implementation for all parties involved and will identify any potential obstacles earlier in the process. Certainly testing has a cost associated with it. However, this testing must be undertaken, and currently is. The only difference is the standardization aspect that this language would add. Therefore, the true *incremental* cost is marginal, and we believe it will be recovered through a less labor intensive (and smoother) implementation down the line.

Triage: Send to BPS for consideration. After BPS consideration, if the BPS determines that a new standard or modification to existing standard is necessary, the request should be forwarded with BPS instructions and BPS work products to the Future Technology Task Force. It was recognized that Future Technology Task Force has valuable knowledge in this area and should develop the catalog and necessary testing procedures for each item in the catalog.

Priority: To begin is September complete by end of year with other Future Technology Task Force items.

EC Action: Found within scope. All 17 members voted unanimously to support Triage.



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-
- R97105 Modify standard 1.3.27 to remove the data element "service provider activity code" from the set of data elements which defines the key of the nomination.
- From : TransCapacity
- Triage: Duplicate of R97051 -- Withdrawn by requester during the Triage Group discussion on July 2, 1997.
- Priority: Not applicable.
- EC Action: Not required.
-
- R97106 Add two code values (one warning and one error) for the validation code element in the nomination Quick Response transaction.
- From : Enron
- Summary: The codes to be added are:
- Warning - Rounding difference due to a fuel calculation -- within tolerance
- Error - Rounding difference due to a fuel calculation -- not within tolerance
- GISB Standard 1.3.29 states "For in-kind fuel reimbursement methods, Service Providers should not reject a nomination for reasons of rounding differences due to fuel calculation of less than 5 Dth." The additional Validation Code values will be used in the Nomination Quick Response to notify the Service Requester that their Nomination contains a rounding difference(s) due to a fuel calculation.
- Service Requesters will benefit from receiving notification that a Nomination contains differences due to a fuel calculation. Currently NGC, Utilicorp, Cibola, U.S. Energy, Northern States Power, Tenaska, and ECT are willing to test the standard modification.
- Triage: Send to Information Requirements.
- Priority: To begin in September with a progress report by year-end.
- EC Action: Found within scope. All 17 members voted unanimously to support Triage.
-
- R97107 Add an optional ASC X12 name segment, N1, to send/receive meters in the GISB Measurement Information Report.
- From : Texaco and El Paso Natural Gas
- Summary: This enhancement could provide a further breakdown of the volumes associated with a PI Data Reference Number, which will continue to be included as a required data element. This enhancement will include the functionality for sending/receiving parties to transmit the volumes at the PI Data Reference Number and meter number level on an optional basis.
- Triage: Send to BPS.
- Priority: To begin in July and conclude by year-end.
- EC Action: Found within scope. All 17 members voted unanimously to support Triage.



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July 10, 1997

GISB OPERATING PRACTICE INTERPRETATION SUBCOMMITTEE MISSION AND PROCEDURES

Interpretations Subcommittee Mission

The Interpretations Subcommittee is a segment balanced subcommittee of GISB whose mission is to receive Requests for Interpretation or Clarification of GISB Standards; to solicit input as to the source and nature of the circumstances giving rise to the Request for Clarification or Interpretation; and, working in conjunction with other subcommittees within GISB, to develop clarifications; or, other recommendations with respect to the processing of a Request for Clarification or Interpretation, in response to such requests; for review and determination by the GISB Executive Committee.

Composition of the Interpretations Subcommittee

The Interpretations Subcommittee is comprised of two members of each of the five GISB Segments. These members are selected by the EC Members for each respective segment, which segment's representative(s) are communicated to the GISB office are communicated time to time. The Interpretations Subcommittee members are GISB members with dues paid and serve on the Interpretations Subcommittee at the pleasure of the GISB segment EC Members for their respective segment. The Interpretations Subcommittee shall be chaired by a member of the Subcommittee chosen by the EC from time to time. The Interpretations Subcommittee shall have a Vice-chair also chosen by the EC from time to time.

Interpretations Subcommittee Procedures

Meetings and Voting:

The Interpretations Subcommittee will meet on a regularly scheduled basis, if outstanding requests merit meeting, with a preference for telephone conferences. The schedule of meetings will be noticed on the GISB home page and will be open to any participant. When votes are taken, the members of the Interpretations Subcommittee are the voting members of the subcommittee. Votes with respect to interpretations and recommendations are to be recorded by polling each member of the Interpretations Subcommittee. Members not present at the time of a vote will be polled notationally to ascertain their voting position upon all interpretations and recommendations.

Processing Requests for Interpretation/Clarification:

1. A Request for Clarification or Interpretation shall be submitted to the GISB Office, given a designation number (beginning with a "C" and the last two digits of the year and then beginning with 001, 002 etc.) and forwarded to the voting members of the Interpretations Subcommittee for review.
2. Each Request for Clarification or Interpretation shall be noticed by posting on the GISB home page and will be discussed during at least one meeting. During the first meeting to discuss a Request for Clarification or Interpretation the subcommittee members and participants will discuss the matter under consideration and seek from the requester and other interested parties



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their views on the matter and the circumstances giving rise to the request. Issues and potential resolutions will be discussed and recorded in the minutes of the subcommittee.

3. During this first meeting in which a request is discussed, the subcommittee, in conjunction with the requester, may determine that:
 - 3.1 The request has been satisfied through the discussion and the requester determines to withdraw the request pursuant to paragraph 5.5 below;
 - 3.2 A proposed interpretation be drafted and posted for discussion at the next scheduled meeting of the Interpretations Subcommittee;
 - 3.3 Additional information, research, or input is needed from the requester or other knowledgeable parties including other GISB subcommittees or task forces before proceeding with processing the Request for Clarification or Interpretation; or
 - 3.4 The Request for Clarification or Interpretation is better handled as a request for standard.

In the event of a determination under 3.4 above, the Interpretations Subcommittee will draft a suggestion to the EC that the EC can refer the request to another GISB Subcommittee or task force with passage of the appropriate minutes and any appropriate work papers.

In the event of a determination under 3.3 above, a) the Interpretations Subcommittee member(s) seeking additional information may solicit material from sources of their choosing (including but not limited to GISB meeting minutes and transcripts); and/or b) the Chair may request of the GISB office that a formal request for information be forwarded to the chair(s) of the applicable GISB Subcommittee or task force.

Processing Draft Interpretations:

4. In the event of a determination under 3.2 above, the draft interpretation will be generated and posted sufficiently in advance of the next scheduled meeting of the Interpretations Subcommittee so that interested parties may have an opportunity to review the draft interpretation and provide comment (written or verbal) at the next scheduled meeting of the Interpretations Subcommittee. Meeting minutes will close with the agenda of proposed items for discussion at the next scheduled meeting.
 - 4.1 Proposed interpretations will be discussed during at least one meeting of the Interpretations Subcommittee. If the Interpretations Subcommittee determines at that time that a draft (including the first draft) of an interpretation is ready for EC review and determination, a vote will be taken. If the matter passes by simple majority (including a count of notational votes), the interpretation shall be posted for industry comment and the matter forwarded to the EC to be added to the next EC agenda following the close of the comment period (which comment period, absent an EC determination to shorten, would not be less than two weeks).
 - 4.2 If there are changes to a draft (including the first draft) of an interpretation which changes are agreed to by the members of the Interpretations Subcommittee, another draft will be done, posted with the minutes of the meeting and discussion upon the second (or subsequent) draft scheduled for the next meeting of the Interpretations Subcommittee.
 - 4.3 The Interpretations Subcommittee may, upon review of a draft interpretation, determine that the matter under review should be handled pursuant to 3.3 or 3.4 above. In which case the draft interpretation will be "held" in its draft state until: a) resolution (or lack



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thereof) under 3.4, or b) the receipt of additional material; and, c) further review and vote by the Interpretations Subcommittee.

- 4.4 All draft interpretations which are being "held" in their draft state under Section 4.3 are open for discussion during an Interpretations Subcommittee meeting but may not move to final draft without a determination during one meeting that the matter will be placed on the Agenda for the next scheduled meeting at which time the Interpretations Subcommittee will address the drafting (and potential resolution by vote) of the "held" interpretation request.

Completion of the Interpretations Process:

5. Action by the EC determines whether or not a Request for Clarification or Interpretation has been processed to completion by the Interpretation Subcommittee.
 - 5.1 The EC, at any scheduled EC meeting may, by a majority vote, discharge a draft interpretation from the Interpretations Subcommittee. Upon such vote to discharge, the EC may place the matter on its next agenda for review and a determination by the EC. The matter so discharged pursuant to this section 5.1 will be posted for industry comment in advance of the EC meeting at which it will be discussed.
 - 5.2 The EC, upon receipt of a matter from the Interpretations Subcommittee pursuant to section 3.4 may accept or modify the suggestion; and if so, the matter shall be deemed to have been processed to completion.
 - 5.3 The EC, upon receipt of a matter from the Interpretations Subcommittee pursuant to section(s) 4.1 or 5.1 may determine to accept, modify or reject the draft interpretation; and if so, the matter shall be deemed to have been processed to completion.
 - 5.4 The EC, upon receipt of a matter from the Interpretations Subcommittee pursuant to section 4.1 or 3.4 may determine to refer the matter back to the Interpretations Subcommittee with instructions; and if so, the matter shall be deemed to be an open matter requiring further processing by the Interpretations Subcommittee.
 - 5.5 The requester of an interpretation may withdraw their Request for Clarification or Interpretation. Upon withdrawal, work upon that numbered request shall cease without prejudice to subsequent action on a request pertaining to the same or related subject matter. Notice of withdrawal should be made a) in writing at or following the meeting of the interpretations subcommittee (and included in the minutes thereof); b) at a meeting of the EC where it is scheduled for resolution or discussion (and included in the minutes thereof); or c) in writing to the GISB Office which shall forward such notice to the Interpretations Subcommittee and/or EC as applicable. Requests for Clarification or Interpretation may not be withdrawn after a final vote of the EC upon the matter.
 - 5.6 A Request for Clarification or Interpretation shall be deemed to have been processed to completion upon the occurrence of a) a vote of the EC pursuant to section(s) 5.2 or 5.3; or b) the receipt and recording of a notice of withdrawal pursuant to section 5.5.



GAS INDUSTRY STANDARDS BOARD
GISB EXECUTIVE COMMITTEE MEETING
MEETING MATERIALS
AUGUST 13, 1997

PROPOSED STANDARDS AND INTERPRETATIONS

- Several proposed standards, modifications to standards, and interpretations are presented here for discussion and adoption. The votes necessary for adoption are at least 17 votes in favor, with at least 2 votes in favor from each segment.
- The requests and recommended standards and recommended interpretations can be accessed from the GISB home page. The comments on the requests and recommended standards and interpretations will also be available on the GISB home page **no later than August 6, 1997**. The deadline for comments on the proposed standards and interpretations was August 6, 1997.
- A ballot is attached which can be faxed into the GISB office if you are unable to attend the meeting on August 13. If you send in a ballot, you are voting on the recommendations from the task forces regarding the original requests, not the original requests themselves.
- The 3 proposed standards and the 1 proposed interpretation to be voted on by the Executive Committee are R97054, C97002A, R97035, and R97060 - (17 and 2 vote)
- **The Executive Committee is asked to consider the requests, proposed standard and interpretations (subcommittee and task force recommendations), and comments filed for each of the above requests and vote on them at a "17 and 2" level²**
- **The Executive Committee members who are not able to attend this meeting, and who have not asked an alternate to vote for them, are asked to complete the attached ballot and forward it to the GISB office no later than August 12.**

²The "17 and 2" level of voting is required to adopt a standard: at least 17 of the 25 Executive Committee members must vote in the affirmative, and at least two members from each segment defined for the Executive Committee must vote in the affirmative.



**GAS INDUSTRY STANDARDS BOARD
GISB EXECUTIVE COMMITTEE MEETING
MEETING MATERIALS
AUGUST 13, 1997**

PROPOSED STANDARD AND INTERPRETATION BALLOT

This ballot is to be used by those Executive Committee members who cannot attend the August 13 Executive Committee meeting in Houston, and who do not have an alternate who has been given the responsibility to vote for them. Please note either "in favor" with a check mark, "opposed" with an "X", or "abstain" with an "A" by each request number for each proposed standard or interpretation, referred to by request number -- you are voting on the subcommittee/task force recommended proposed standard or interpretation, not the original request.

<u>VOTE</u>	<u>REQ. #</u>
<input type="text"/>	C97002A
<input type="text"/>	R97035
<input type="text"/>	R97054
<input type="text"/>	R97060

Committee Member Signature: <hr/>
Date: <hr/>

**PLEASE FAX (713-757-2491) YOUR COMPLETED BALLOT TO THE GISB OFFICE BY
END OF BUSINESS, TUESDAY, AUGUST 12, 1997.**



Gas Industry Standards Board

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July 8, 1997

BPS RECOMMENDED STANDARD FOR R97054

R97054 Add a new data element "Detail Code" to the Request for Confirmation and Confirmation Response transactions.

PROPOSED STANDARD:

The Business Practices Subcommittee recommends that the Executive Committee consider the following business practice standard:

1.3.X "For request to confirm and confirmation response processes, all parties will seek to confirm by means of communicating at the applicable detail / summary level all transactions with respect to a location.

EXCERPT FROM THE JUNE 26, 1997 BPS MINUTES:

R97054 Add a new data element "Detail Code" to the Request for Confirmation and Confirmation Response transactions.

From: Columbia Gulf

Discussion: Michael Hansen noted that if the Executive Committee chose not to accept the proposed new business practice standard, the data element "detail code" should be added to the Request to Confirm and Confirmation Response transactions.

Gary Highberger asked for a clarification of the proposed standard in that did it imply that the data should be sent every day even when there were no changes? Greg Lander noted that the standard is silent on that issue and silent on how frequently the information is to be sent.

Laura Moseley asked if the standard that implied intraday nominations and their requests to confirm and confirmation responses would be included in the standard and be communicated along with the other changes. Greg Lander responded that intraday nominations and their confirmation processes would be covered by this proposed standard.

Action: The motion was made, seconded and voted for support unanimously to adopt the following proposed business practice standard and send it out for industry comment, which would conclude in time for a vote by the Executive Committee at the August meeting:

The Business Practices Subcommittee recommends that the Executive Committee consider the following business practice standard: "For request to confirm and confirmation response processes, all parties will seek to confirm by means of communicating at the applicable detail / summary level all transactions with respect to a location.

Note: If the Executive Committee chooses not to accept the above proposed standard, the only practical alternative in order to bring about unambiguous communication with respect to the confirmation process, would be to add the data element originally recommended "detail code".

R97054
REQUEST FOR INITIATION OF A GISB STANDARD
OR
ENHANCEMENT OF AN EXISTING STANDARD

Date of Request: 03/18/97

1. Submitting Entity & Address:

COLUMBIA GULF TRANSMISSION COMPANY
PO BOX 683
HOUSTON TX 77001-0683

2. Contact Person, Phone #, Fax #, Electronic Mailing Address:

Name: Michael R. Hansen
Title: Team Leader, Confirmations / Allocations
Phone: (713) 267-4221
Fax: (713) 267-4233
E-mail: MRHansen@worldnet.att.net

3. Description of Proposed Standard or Enhancement:

A new mandatory "Detail Code" data element is needed in the Request for Confirmation and Confirmation Response data sets which will indicate the nature of the information contained in the data sets.

4. Use of Proposed Standard or Enhancement (include how the standard will be used, documentation on the description of the proposed standard, any existing documentation of the proposed standard, and required communication protocols):

The code would be used to communicate whether the data set includes all transactions at the location or just transactions changed from previous confirmations. There would also need to be a code that is used only for the Confirmation Response which indicates that only exceptions have been provided in the data set and that all transactions included in the Request for Confirmation not included in the Confirmation Response data set are deemed as confirmed as requested. (This last code would allow the responding party to minimize the number of transactions in the data set without losing functionality on the part of the requesting party.)

5. Description of Any Tangible or Intangible Benefits to the Use of the Proposed Standard or Enhancement:

As a result of the official “clarification” C96028, there are multiple ways to populate the confirmation data sets. Each location can have its own “negotiated” protocols for populating data sets. To avoid having to hard code protocols for each location, a code would indicate to the data set recipient exactly the nature of the information contained in the data set so automated “routines” may be written process the data. Hard coding solutions is time consuming and difficult to maintain where codes with associated routines are relatively easy to process and maintain.

6. Estimate of Incremental Specific Costs to Implement Proposed Standard or Enhancement:

Cost savings will be created by adding this data element as opposed to hard coding solutions.

7. Description of Any Specific Legal or Other Considerations:

Unknown.

8. If This Proposed Standard or Enhancement is Not Tested Yet, List Trading Partners Willing to Test Standard or Enhancement (Corporations and contacts):

Unknown.

9. If This Proposed Standard or Enhancement Is In Use, Who are the Trading Partners:

Confirmations are currently a manual process and therefore this proposed solution is not in use.

10. Attachments (such as: further detailed proposals, transaction data descriptions, information flows, implementation guides, business process descriptions, examples of ASC ANSI X.12 mapped transactions):

Work in progress. Additional information will be provided to the task force assigned to study this request.



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July 8, 1997

INTERPRETATIONS SUBCOMMITTEE RECOMMENDED RESPONSE FOR C97002A

C97002A Part A: Does this standard mean that a new scheduled quantity is sent at the end of every day?

PROPOSED INTERPRETATION:

"GISB Standard No. 1.3.3 states that "In addition to making scheduled quantities information available by 4:30 p.m., at the end of each day transportation service providers should also make available to shippers information containing scheduled quantities, including scheduled intra-day nominations and any other scheduling changes."

"This means that a new scheduled quantity document transmittal would occur at the end of each gas day , which scheduled quantity document would contain all of the transactions scheduled for the just-completed gas day. The information concerning the prior (i.e., just completed) gas day would be transmitted to the service requesters regardless of when the nomination or activity giving rise to the scheduled quantity was initially submitted to or processed by the transportation service provider."

EXCERPT FROM THE APRIL 18, 1997 BPS MINUTES:

C97002A Request:

Part A: Does this standard mean that a new scheduled quantity is sent at the end of every day?

Draft Interpretation for C97002 -- C97002A

"GISB Standard No. 1.3.3 states that "In addition to making scheduled quantities information available by 4:30 p.m., at the end of each day transportation service providers should also make available to shippers information containing scheduled quantities, including scheduled intra-day nominations and any other scheduling changes."

"This means that a new scheduled quantity document transmittal would occur at the end of each gas day , which scheduled quantity document would contain all of the transactions scheduled for the just-completed gas day. The information concerning the prior (i.e., just completed) gas day would be transmitted to the service requesters regardless of when the nomination or activity giving rise to the scheduled quantity was initially submitted to or processed by the transportation service provider."

Discussion

This interpretation does not exclude intraday nominations through the day, but the information would need to be reported at the end of the day in the scheduling changes. Prior period adjustments do not adjust scheduled quantities in this interpretation as it only affects the gas for that gas day. Tennessee has a "retro scheduling" process that could affect this interpretation, and Tennessee was urged to send in a separate interpretation request, as C97002 does not address prior period adjustments, if required, however, the information reported is not limited to just the prior days. Theresa asked that reference to point operator be removed as it changed the intent for the standard. It was agreed to delete the reference. Carl Caldwell questioned if the point operator would have the

RECOMMENDED INTERPRETATION FOR C97002A -- July 8, 1997



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necessary information at the end of the gas day, and the change does not affect the information provided to the point operator was the response.

Action -- Vote:

Of the Interpretation Subcommittee members on the phone, there was full acceptance. Of the observers, Lisa Arthur noted that she did not support the draft interpretation as stated.

C97002

Gas Industry Standards Board

Request For Clarification Or Interpretation

Date: March 5, 1997
Requester Name: Jim Buccigross
Company: TransCapacity Limited Partnership
Phone: (508) 535-7500
Facsimile: (508) 535-7744
E-mail: LEGALJB@TCAPSERV.COM

GISB Standard Number: 1.3.3

Clarification or interpretation request:

Standard 1.3.3 states: "In addition to making scheduled quantities information available by 4:30 PM, at the end of each day transportation service providers should also make available to shippers information concerning scheduled quantities, including scheduled intra-day nominations and any other scheduling changes.

Possible interpretations or clarifications, if known:

Part one: Does this standard mean that a new scheduled quantity is sent at the end of every gas day?

It is our expectation that such an "End-of-Gas-day-Scheduled Quantity" would be sent by transportation service providers to service requesters after the end of each gas day.

Part two: Will the information contained in the "End-of-Gas-day-Scheduled Quantity" be comprised of only those transactions scheduled to flow on the previous day inclusive of intra-day nominations and intra-day scheduling changes regardless of when they were initially nominated and confirmed?

It is our expectation that such an "End-of-Gas-day-Scheduled Quantity" would contain all transactions scheduled the previous day without regard to when they were initially nominated or confirmed.

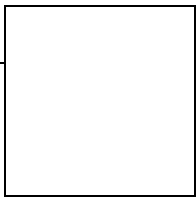
Part three: Will an "End-of-Gas-day-Scheduled Quantity" be sent even when there are no changes

to the previously transmitted “End-of-Gas-day-Scheduled Quantity” other than the date?

It is our expectation that the receiver can waive the obligation of the sender to send but that absent such waiver by the receiver, the “End-of-Gas-day-Scheduled Quantity” would be sent every day.

Part four: Will an “End-of-Gas-day-Scheduled Quantity” be sent even when there are no changes to the previously transmitted “Scheduled Quantity” (i.e., the 4:30 PM prior to gas flow transmittal)?

It is our expectation that the receiver can waive the obligation of the sender to send but that, absent such waiver by the receiver, the “End-of-Gas-day-Scheduled Quantity” would be sent every day.



RECOMMENDATION TO GISB EXECUTIVE COMMITTEE

Requester: **Future Technology Task Force**
Request No.: **R97035**

1. Recommended Action:

- Accept as requested
- Accept as modified below**
- Decline

Effect of EC Vote to Accept Recommended Action:

- Change to Existing Practice**
- Status Quo

2. RECOMMENDATION

2a. Subcommittee(s)/Task Force(s): Contracts/ Model Trading Partner Agreement Task Force

2b. Description of Recommendation: See Attached “Model Electronic Data Interchange Trading Partner Agreement” - June 4, 1997 Draft.

2c. Description of Request: R97035

2d. Business Purpose:

“Provide information in the model Trading Partner Agreement to accomodate the use of Internet Electronic Delivery Mechanism for any organizations using the new standards starting April 1, 1997”, R97035, page 1, Section 3. Description of Proposed Standard or Enhancement

2e. Sense of the Room : Model Trading Partner Agreement Task Force, June 17, 1997
Vote to recommend the body of contract, appendix and exhibits in response to R97035

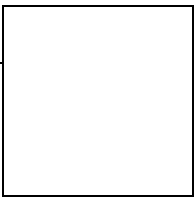
10 In Favor 7 Opposed 1 Abstention

Segment Check:

In Favor: 1 End-Users 1 LDCs 1 Pipelines 1 Producers 6 Services

Oppose : 0 End-Users 0 LDCs 4 Pipelines 0 Producers 3 Services

2f. Commentary/Rationale of Subcommittee(s)/Task Force(s): See Attached “Model Electronic Data Interchange Trading Partner Agreement” - June 4, 1997 Draft.



RECOMMENDATION TO GISB EXECUTIVE COMMITTEE

Requester: **Future Technology Task Force**
Request No.: **R97035**

3. TYPE OF MAINTENANCE

Per Request:

- Initiation
- Modification**
- Deletion
- Interpretation
- Withdrawal of Request

Per Recommendation:

- Initiation
- Modification**
- Deletion
- Interpretation
- Withdrawal of Request

- Principle (x.1.z)
- Definition (x.2.z)
- 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
- Interpretation

- Principle (x.1.z)
- Definition (x.2.z)
- 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
- Interpretation

Other - Model Trading Partner Agreement

Other - Model Trading Partner Agreement

4. TABLES (INCLUDED IN THE RECOMMENDATION ON AN AS-NEEDED BASIS)

N/A

STANDARD LANGUAGE (for addition, modification or deletion of a principle, definition or business practice standard): **Not Applicable**

Standard Language:

INTERPRETATION (for interpretation of a business practice standard): **Not Applicable**

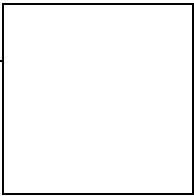
Standard No., Language and Interpretation:

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

Document Name and No.: **Not Applicable**

Business Name	Definition	Usage	Condition

* Indicates Common Code



RECOMMENDATION TO GISB EXECUTIVE COMMITTEE

Requester: **Future Technology Task Force**
Request No.: **R97035**

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

Document Name and No.: Not Applicable

Business Name	Usage	Code Value Description	Code Value Definition

TECHNICAL CHANGE LOG (all instructions to accomplish the subcommittee or task force recommendation)

Document Name and No.: Not Applicable

Description of Change:

TECHNICAL CODE VALUES LOG (for code values assigned to the code value description)

Document Name and No.: Not Applicable

Business Name	Usage	Code Value	Code Value Description	Code Value Definition

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

Standards Book: Not Applicable

Language:

1
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3

**MODEL
ELECTRONIC DATA INTERCHANGE
TRADING PARTNER AGREEMENT**

4 THIS ELECTRONIC DATA INTERCHANGE TRADING PARTNER AGREEMENT (the
5 "Agreement") is made as of _____, 19__, by and between
6 _____, a _____ corporation, with offices at
7 _____ and _____, a _____ corporation,
8 with offices at _____ (collectively, the "parties").

9

RECITALS

10 WHEREAS, the parties desire to facilitate transactions, reports and other information
11 exchanged ("Transactions") by electronically transmitting and receiving data in agreed formats
12 in substitution for on-line transmittal and/or for conventional paper-based documents; and

13 WHEREAS, the parties desire to assure that such Transactions are not legally invalid or
14 unenforceable as a result of the use of available electronic technologies for the mutual benefit
15 of the parties; and

16 WHEREAS, the parties desire to enter into this Agreement to govern their relationship with
17 respect to computer to computer exchange of information, also know as, electronic data
18 interchange ("EDI") Transactions.

19 NOW THEREFORE, in consideration of the premises and covenants herein contained, and for
20 other good and valuable consideration, the receipt and sufficiency of which are hereby
21 acknowledged, the parties, intending to be legally bound, hereby agree as follows:

22 **Section 1. Prerequisites.**

23 1.1. Documents: Standards. Each party may electronically transmit to or receive from the
24 other party any of the transaction sets listed in the Exhibit(s) of the Appendix, and transaction
25 sets which the parties by written agreement add to the Appendix (collectively "Documents").
26 Any transmission of data which is not a Document shall have no force or effect between the
27 parties unless justifiably relied upon by the receiving party. All Documents shall be transmitted
28 in accordance with the standards and the published industry guidelines set forth in the
29 Appendix. The Appendix to this Agreement is attached hereto and made a part hereof; the
30 Appendix and Exhibit(s) thereto hereafter are referred to as the "Appendix". In the event of a
31 conflict between the provisions in the body of this Agreement and the Appendix, the Appendix
32 will govern.

33 1.2. Third Party Service Providers.

34 1.2.1. Documents will be transmitted electronically to each party either, as specified in the
35 Appendix, directly or through any third party service provider ("Provider") with which either
36 party may contract. Either party may modify its election to use, not use or change a Provider
37 upon 30 days prior written notice.

38 1.2.2. Each party shall be responsible for the costs of any Provider with which it contracts,
39 unless otherwise set forth in the Appendix. Unless otherwise stated in the Appendix, the
40 sending party shall pay all costs to get its data to the receiving party's Receipt Computer
41 (below defined) and the receiving party shall pay all costs to retrieve the data.

42 1.2.3. Each party shall be liable for the acts or omissions of its Provider while transmitting,
43 receiving, storing or handling Documents, or performing related activities, for such party;
44 provided, that if both the parties use the same Provider to effect the transmission and receipt
45 of a Document, the originating party shall be liable for the acts or omissions of such Provider
46 as to such Document. This provision does not limit any claim of a party against a Provider in
47 respect of any act or omission.

48 1.3. System Operations. Each party, at its own expense, shall provide and maintain the
49 equipment, software, services and testing necessary to effectively and reliably transmit and
50 receive Documents. Any special data retention requirements shall be set forth in the
51 Appendix.

52 1.4. Security Procedures. Each party shall properly use those security procedures, including
53 those specified in the Appendix, if any, which are reasonably sufficient to ensure that all
54 transmissions of Documents are authorized and to protect its business records and data from
55 improper access.

56 1.5. Signatures. Each party shall adopt as its signature an electronic identification consisting
57 of symbol(s) or code(s) which are to be affixed to or contained, where required, in the
58 Document transmitted by such party ("Signature Code(s)"). Such Signature Code(s) shall be
59 specified in the Appendix. In such cases where a Signature Code(s) is required for one or
60 more Transaction Set(s), the requirement shall be specified in the Appendix applicable to such
61 Transaction Set(s). Each party agrees that the Signature Code(s) of such party affixed to or
62 contained in any transmitted Document shall be sufficient to verify such party originated such
63 Document(s). Neither party shall disclose to any unauthorized person the Signature Code(s)
64 of the other party.

65 **Section 2. Transmissions.**

66 2.1. Proper Receipt. Documents shall not be deemed to have been properly received, and no
67 Document shall give rise to any obligation, until accessible to the receiving party at such
68 party's Receipt Computer designated in the Appendix. The Receipt Computer shall be defined
69 in the Appendix as the receiving party's electronic mailbox or Uniform Resource Locator
70 ("URL"), which describes the protocols which are needed to access the resources and point to
71 the appropriate Internet locations. Where the parties employ the services of Providers to
72 transmit and receive Documents, the Receipt Computer shall be defined in the Appendix as
73 the receiving party's electronic mailbox or URL provided by the receiving party's Provider.

74 2.2. Verification.

75 2.2.1. Upon proper receipt of any Document, the receiving party shall promptly and properly
76 transmit a functional acknowledgment in return, unless otherwise specified in the Appendix.

77 2.2.2. For the purposes of this Agreement, a "functional acknowledgment" means an ASC
78 X.12 Transaction Set 997, which confirms a Document (in the format specified by such
79 acknowledgment) has been received and whether all required portions of the Document are
80 syntactically correct, but which does not confirm the substantive content(s) of the related
81 Document.

82 2.2.3. By mutual agreement, the parties may designate in the Appendix a "response
83 document" Transaction Set as a substitute for or in addition to an ASC X.12 Transaction Set
84 997. A "response document" confirms that a Document (in the format specified by such
85 acknowledgment) has been received, and whether all required portions of the Document are
86 syntactically correct, and contains data sent by the receiving party to the sending party in
87 response to the substantive content of the related Document. If the parties designate a
88 response document as a substitute for a functional acknowledgment, the time requirements in
89 the Appendix applicable to functional acknowledgments shall apply to such response
90 documents.

91 2.2.4. A functional acknowledgment, or a response document that has been designated in the
92 Appendix as a substitute for a functional acknowledgment, shall constitute conclusive evidence
93 a Document has been properly received.

94 2.2.5. Except as to conditions governed under Section 2.4, in the event the receiving party
95 fails to promptly and properly transmit a functional acknowledgment or response document in
96 return for a properly received Document, where required, the originating party's records of the
97 contents of the Document shall control.

June 4, 1997 Draft

98 2.3. Acceptance. If acceptance of a Document is required by the Appendix, any such
99 Document which has been properly received shall not give rise to any obligation unless and
100 until the party initially transmitting such Document has properly received in return an
101 Acceptance Document (as specified in the Appendix).

102 2.4. Garbled Transmissions. If any transmitted Document is received in an unintelligible or
103 garbled form, the receiving party shall promptly notify the originating party (if identifiable from
104 the received Document) in a reasonable manner. In the absence of such a notice and where a
105 functional acknowledgment or response document has resulted, the originating party's records
106 of the contents of such Document shall control.

107 2.5. Retransmissions. If the originating party of a Document has not properly received a
108 corresponding functional acknowledgment or response document within the Retransmission
109 Timeframe indicated in the Appendix, the originating party shall retransmit the Document.

110 **Section 3. Transaction Terms.**

111 3.1. Terms and Conditions. This Agreement is to be considered part of any other written
112 agreement referencing it or referenced in the Appendix. In the absence of any other written
113 agreement applicable to any Transaction made pursuant to this Agreement, such Transaction
114 (and any related communication) also shall be subject to [CHOOSE ONE]:

115 [A] those terms and conditions, including any terms for payment, included in the
116 Appendix.

117 [B] the terms and conditions included on each party's standard printed applicable forms
118 attached to or identified in the Appendix [as the same may be amended from time to time by
119 either party upon written notice to the other]. The parties acknowledge that the terms and
120 conditions set forth on such forms may be inconsistent, or in conflict, but agree that any conflict
121 or dispute that arises between the parties in connection with any such Transaction will be
122 resolved as if such Transaction had been effected through the use of such forms.

123 [C] such additional terms and conditions as may be determined in accordance with
124 applicable law.

125 The terms of this Agreement shall prevail in the event of any conflict with any other terms and
126 conditions applicable to any Transaction. Notwithstanding the foregoing and Section 4.1 of
127 this Agreement, if any party determines that this Agreement is in conflict with either that party's
128 existing tariff or an obligation imposed by a governmental entity exercising jurisdiction over that
129 party, then the affected party shall give immediate notice defining which terms of this
130 Agreement are affected, and the reasons therefor, and may provide notice of termination of

131 this Agreement as provided in Section 4.7, effective immediately upon receipt of such notice by
132 the other party to this Agreement.

133 3.2. Confidentiality. No information contained in any Document or otherwise exchanged
134 between the parties shall be considered confidential, except to the extent provided in Section
135 1.5, by written agreement between the parties, or by applicable law.

136 **3.3. Validity: Enforceability.**

137 3.3.1. This Agreement has been executed by the parties to evidence their mutual intent to
138 create binding obligations pursuant to the electronic transmission and receipt of Documents
139 specifying certain of the applicable terms.

140 3.3.2. Any Document properly transmitted pursuant to this Agreement shall be considered, in
141 connection with any Transaction, any other written agreement described in Section 3.1, or this
142 Agreement, to be a "writing" or "in writing"; and any such Document when containing, or to
143 which there is affixed, a Signature Code ("Signed Documents") shall be deemed for all
144 purposes (a) to have been "signed" and (b) to constitute an "original" when printed from
145 electronic files or records established and maintained in the normal course of business.

146 3.3.3. The conduct of the parties pursuant to this Agreement, including the use of Signed
147 Documents properly transmitted pursuant to this Agreement, shall, for all legal purposes,
148 evidence a course of dealing and a course of performance accepted by the parties in
149 furtherance of this Agreement, any Transaction and any other written agreement described in
150 Section 3.1.

151 3.3.4. The parties agree not to contest the validity or enforceability of Signed Documents
152 under the provisions of any applicable law relating to whether certain agreements are to be in
153 writing or signed by the party to be bound thereby. Signed Documents, if introduced as
154 evidence on paper in any judicial, arbitration, mediation or administrative proceedings, will be
155 admissible as between the parties to the same extent and under the same conditions as other
156 business records originated and maintained in documentary form. Neither party shall contest
157 the admissibility of copies of Signed Documents under either the business records exception to
158 the hearsay rule or the best evidence rule on the basis that the Signed Documents were not
159 originated or maintained in documentary form.

160 **Section 4. Miscellaneous.**

161 4.1. Term. This Agreement shall be effective as of the date first set forth above and shall
162 remain in effect until terminated by either party with not less than 30 days prior written notice
163 specifying the effective date of termination; provided, however, that written notice for purposes

164 of this paragraph shall not include notice provided pursuant to an EDI transaction; further
165 provided, however, that any termination shall not affect the respective obligations or rights of
166 the parties arising under any Documents or otherwise under this Agreement prior to the
167 effective date of termination.

168 4.2. Severability. Any provision of this Agreement which is determined to be invalid or
169 unenforceable will be ineffective to the extent of such determination without invalidating the
170 remaining provisions of this Agreement or affecting the validity or enforceability of such
171 remaining provisions.

172 4.3. Entire Agreement. This Agreement and the Appendix constitute the complete agreement
173 of the parties relating to the matters specified in this Agreement and supersede all prior
174 representations or agreements, whether oral or written, with respect to such matters. No oral
175 modification or waiver of any of the provisions of this agreement shall be binding on either
176 party. No obligation to enter into any Transaction is to be implied from the execution or
177 delivery of this Agreement. This Agreement is solely for the benefit of, and shall be binding
178 solely upon, the parties their agents and their respective successors and permitted assigns.
179 This Agreement is not intended to benefit and shall not be for the benefit of any party other
180 than the parties hereto and no other party shall have any right, claim or action as a result of
181 this Agreement.

182 4.4. Governing Law. This Agreement shall be governed by and interpreted in accordance with
183 the laws of the state [commonwealth], [province] of _____, excluding any
184 conflict-of-law rules and principles of that state [commonwealth] [province] which would result
185 in reference to the laws or law rules of another jurisdiction.

186 4.5. Force Majeure. No party shall be liable for any failure to perform its obligations in
187 connection with any Transaction or any Document, where such failure results from any act of
188 God or other cause beyond such party's reasonable control (including, without limitation, any
189 mechanical, electronic or communications failure) which prevents such party from transmitting
190 or receiving any documents and which, by the exercise of due diligence, such party is unable
191 to prevent or overcome.

192 4.6. Exclusion of Certain Damages. Neither party shall be liable to the other for any special,
193 incidental, exemplary or consequential damages arising from or as a result of any delay,
194 omission or error in the electronic transmission or receipt of any Documents pursuant to this
195 Agreement, even if either party has been advised of the possibility of such damages and
196 **REGARDLESS OF FAULT**. Any limitation on direct damages to software and hardware
197 arising from this Agreement shall be set forth in the Appendix.

198 4.7. Notices. All notices required or permitted to be given with respect to this Agreement shall

199 be given by mailing the same postage prepaid, or given by fax or by courier, or by other
200 methods specified in the Appendix to the addressee party at such party's address as set forth
201 in the Appendix. Either party may change its address for the purpose of notice hereunder by
202 giving the other party no less than five (5) days prior written notice of such new address in
203 accordance with the preceding provisions.

204 4.8. Assignment. This Agreement may not be assigned or transferred by either party without
205 the prior written approval of the other party, which approval shall not be unreasonably withheld;
206 provided, any assignment or transfer, whether by merger or otherwise, to a party's affiliate or
207 successor in interest shall be permitted without prior consent if such party assumes this
208 Agreement.

209 4.9 Waivers. No forbearance by any party to require performance of any provisions of this
210 Agreement shall constitute or be deemed a waiver of such provision or the right thereafter to
211 enforce it.

212 4.10 Counterparts. This Agreement may be executed in any number of original counterparts
213 all of which shall constitute but one and the same instrument.

214 4.11 Reference Glossary. This section lists each defined term in this Agreement and cross
215 references that term to its definition in the Agreement.

DEFINED TERM	WHERE DEFINED
Agreement	Header
parties	Header
Transactions	Recital
electronic data interchange, EDI	Recital
Documents	Section 1.1
Appendix	Section 1.1
Provider	Section 1.2.1
Signature Code(s)	Section 1.5
Uniform Resource Locator, URL	Section 2.1
Receipt Computer	Section 2.1
functional acknowledgment	Section 2.2.2
response document	Section 2.2.3
Acceptance Document	Section 2.3
Retransmission Timeframe	Section 2.5
Signed Documents	Section 3.3.2
Legal Entity Common Code	Appendix
Electronic Delivery Mechanism	Exhibit I-XXX, Section 1

216

June 4, 1997 Draft

217 Each party has caused this Agreement to be properly executed on its behalf as of the date first
218 above written.

219	Company Name: _____	Company Name: _____
220	By: _____	By: _____
221	Name: _____	Name: _____
222	Title: _____	Title: _____
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APPENDIX
ELECTRONIC DATA INTERCHANGE TRADING PARTNER AGREEMENT
DATE _____
TO BE EFFECTIVE _____ (DATE)

229 COMPANY NAME _____
230 STREET ADDRESS _____
231 CITY _____ STATE/PROVINCE/Commonwealth _____
232 ZIP/POSTAL CODE _____

233 ATTENTION _____
234 (NAME, TITLE)
235 PHONE _____ FAX _____
236 OTHER NOTICE METHOD & ADDRESS
237 _____

238 LEGAL ENTITY COMMON CODE (D-U-N-S® Number¹) _____
239 PROVIDER NAME (If any) _____

240 COMPANY NAME _____
241 STREET ADDRESS _____
242 CITY _____ STATE/PROVINCE/Commonwealth _____
243 ZIP/POSTAL CODE _____

244 ATTENTION _____
245 (NAME, TITLE)
246 PHONE _____ FAX _____
247 OTHER NOTICE METHOD & ADDRESS
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249 LEGAL ENTITY COMMON CODE (D-U-N-S® Number²) _____
250 PROVIDER NAME (If any) _____

251 ALLOCATION OF COSTS:
252 Sender: [Pays all costs to get its data to the receiving party's Receipt Computer.]
253 Receiver: [Pays all costs to retrieve the data.]

¹ A registered trademark of Dun & Bradstreet Corporation
² A registered trademark of Dun & Bradstreet Corporation

270 All Exhibits attached hereto are to be considered attached to the Appendix and made a part
271 thereof. Where there are any provisions specified both in the Exhibit(s) and in the Appendix,
272 those contained in the Exhibit(s) govern.

273 The undersigned do hereby execute this Appendix, which Appendix is attached to and made a
274 part of the above referenced Trading Partner Agreement. By execution below the parties
275 hereby ratify said Agreement for all purposes set forth in this Appendix and the attached
276 Exhibit(s).

277	COMPANY NAME: _____	COMPANY NAME: _____
278	BY: _____	BY: _____
279	PRINTED NAME: _____	PRINTED NAME: _____
280	TITLE: _____	TITLE: _____
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EXHIBIT I-XXX (Sequential Number)
ELECTRONIC DATA INTERCHANGE TRADING PARTNER AGREEMENT
DATED _____
TO BE EFFECTIVE _____ (date)
COVERING TRANSACTION SET NUMBER _____

288 1. DOCUMENT SPECIFIC OPERATING INFORMATION:
289 (This section covers only the originating Document and its Functional Acknowledgment or
290 identification and timing of substitute Response Document.)

291 NATURAL GAS DESCRIPTIVE NAME _____
292 ASC X12 VERSION/RELEASE NO. _____

293 ELECTRONIC DELIVERY MECHANISM (The method used to electronically transmit
294 transactions, such as those in EDI format, to a trading partner) - INTERNET:
295

ROW NUM	ITEMS	ORIGINATING PARTY	RECEIVING PARTY
1	COMPANY NAME		
2	EDI CONTACT PHONE NUMBER		
3	PROVIDER NAME (if different from that in the Appendix)		
4	RECEIPT COMPUTER URL (host name or IP address, any non-standard port, directory, program name, as necessary)		
0	Basic Authentication userid		
0	Basic Authentication password		
0	HTTP from/to tag		
5	ISA QUALIFIER		
6	ISA ID CODE		
7	GS ID CODE		
8	FUNCTIONAL 997 DOCUMENT ACKNOWLEDGMENT (FA) (Y/N)	N/A	
9	FA RETURN TIME FRAME	N/A	
10	RESPONSE DOCUMENT (RSP) NUMBER/NAME	N/A	
11	FUNCTIONAL ACKNOWLEDGMENT OF RESPONSE	N/A	
12	RSP RETURN TIME FRAME	N/A	
13	ACCEPTANCE DOCUMENT (ACPT)	N/A	
14	FUNCTIONAL ACKNOWLEDGMENT OF ACCEPTANCE		N/A
15	ACPT RETURN TIME FRAME	N/A	
16	RETRANSMIT TIME FRAME (ORIGINAL DOCUMENT)		N/A
17	SIGNATURE CODE		

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EXHIBIT I-XXX (Sequential Number)
ELECTRONIC DATA INTERCHANGE TRADING PARTNER AGREEMENT
DATED _____
TO BE EFFECTIVE _____ (date)
COVERING TRANSACTION SET NUMBER _____

2. STANDARDS: Specify all applicable standards and the issuing organizations.

Selected standards include, as applicable, all data dictionaries, segment dictionaries and transmission controls referenced in those standards for the Transaction(s) contained in this Exhibit.

3. INDUSTRY GUIDELINES: Specify all applicable published industry guidelines.

The mutually agreed provisions of this Exhibit shall control in the event of any conflict with any listed industry guidelines.

4. SECURITY PROCEDURES: (Define security procedures, including but not limited to encryption, authentication, and PGP version .)

4.1 PUBLIC ENCRYPTION KEY EXCHANGE PROCEDURES:

a) Contact for public encryption key exchange (emergency and scheduled)

b) Method of contact and related information (phone number and/or e-mail address)

c) Chosen electronic method of key exchange

d) Scheduled public encryption key exchange procedures including frequency

e) Emergency public encryption key exchange procedures

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EXHIBIT I-XXX (Sequential Number)
ELECTRONIC DATA INTERCHANGE TRADING PARTNER AGREEMENT

DATED _____
TO BE EFFECTIVE _____ (date)
COVERING TRANSACTION SET NUMBER _____

f) Verification procedures to confirm appropriate exchange of public encryption keys

g) Other

5. TERMS AND CONDITIONS: (If no special terms and conditions have been agreed upon, enter "None".)

6. DATA RETENTION (If no special data retention procedures have been agreed upon, enter "None".)

7. REFERENCED AGREEMENTS: (As required by Section 3.1 of the referenced Agreement. Parties to place a list of type(s) of agreements, as well as language which provides for the incorporation into this Exhibit of all agreements of specified type(s) which are executed subsequent to ratification of this Exhibit.)

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EXHIBIT I-XXX (Sequential Number)
ELECTRONIC DATA INTERCHANGE TRADING PARTNER AGREEMENT
DATED _____
TO BE EFFECTIVE _____ (date)
COVERING TRANSACTION SET NUMBER _____

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8. LIMITATION ON DIRECT DAMAGES: (If no limitation has been agreed upon, enter "None".)

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9. CONFIDENTIAL INFORMATION: (See Section 3.2. If no limitation has been agreed upon, enter "None".)

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10. Is the data element "transaction set" supported in the HTTP envelope (Yes/No)

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377

The undersigned do hereby execute this Exhibit pursuant to the Agreement attached and do hereby ratify said Agreement for all purposes set forth in this Exhibit.

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COMPANY NAME: _____
BY: _____
PRINTED
NAME _____
TITLE: _____

COMPANY NAME: _____
BY: _____
PRINTED
NAME _____
TITLE _____

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EXHIBIT V-XXX (Sequential Number)
ELECTRONIC DATA INTERCHANGE TRADING PARTNER AGREEMENT
DATED _____
TO BE EFFECTIVE _____ (date)
COVERING TRANSACTION SET NUMBER _____

390 1. DOCUMENT SPECIFIC OPERATING INFORMATION:
391 (This section covers only the originating Document and its Functional Acknowledgment or
392 identification and timing of substitute Response Document.)

393 NATURAL GAS DESCRIPTIVE NAME _____
394 ASC X12 VERSION/RELEASE NO. _____

395 ELECTRONIC DELIVERY MECHANISM (The method used to electronically transmit
396 transactions, such as those in EDI format, to a trading partner) - VAN:
397

ROW NUM	ITEMS	ORIGINATING PARTY	RECEIVING PARTY
1	COMPANY NAME		
2	EDI CONTACT PHONE NUMBER		
3	PROVIDER NAME (if different from that in the Appendix)		
4	RECEIPT COMPUTER VAN Account ID		
5	ISA QUALIFIER		
6	ISA ID CODE		
7	GS ID CODE		
8	FUNCTIONAL 997 DOCUMENT ACKNOWLEDGMENT (FA) (Y/N)	N/A	
9	FA RETURN TIME FRAME	N/A	
10	RESPONSE DOCUMENT (RSP) NUMBER/NAME	N/A	
11	FUNCTIONAL ACKNOWLEDGMENT OF RESPONSE	N/A	
12	RSP RETURN TIME FRAME	N/A	
13	ACCEPTANCE DOCUMENT (ACPT)	N/A	
14	FUNCTIONAL ACKNOWLEDGMENT OF ACCEPTANCE		N/A
15	ACPT RETURN TIME FRAME	N/A	
16	RETRANSMIT TIME FRAME (ORIGINAL DOCUMENT)		N/A
17	SIGNATURE CODE		

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EXHIBIT V-XXX (Sequential Number)
ELECTRONIC DATA INTERCHANGE TRADING PARTNER AGREEMENT
DATED _____
TO BE EFFECTIVE _____ (date)
COVERING TRANSACTION SET NUMBER _____

2. STANDARDS: Specify all applicable standards and the issuing organizations.

Selected standards include, as applicable, all data dictionaries, segment dictionaries and transmission controls referenced in those standards for the tTransaction(s) contained in this Exhibit.

3. INDUSTRY GUIDELINES: Specify all applicable published industry guidelines.

The mutually agreed provisions of this Exhibit shall control in the event of any conflict with any listed industry guidelines.

4. SECURITY PROCEDURES: (Define security procedures, including but not limited to encryption, authentication, and PGP version if any.)

4.1 PUBLIC ENCRYPTION KEY EXCHANGE PROCEDURES: (If applicable)

a) Contact for public encryption key exchange (emergency and scheduled)

b) Method of contact and related information (phone number and/or e-mail address)

c) Chosen electronic method of key exchange

d) Scheduled public encryption key exchange procedures including frequency

e) Emergency public encryption key exchange procedures

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EXHIBIT V-XXX (Sequential Number)
ELECTRONIC DATA INTERCHANGE TRADING PARTNER AGREEMENT
DATED _____
TO BE EFFECTIVE _____ (date)
COVERING TRANSACTION SET NUMBER _____

f) Verification procedures to confirm appropriate exchange of public encryption keys

g) Other

5. TERMS AND CONDITIONS: (If no special terms and conditions have been agreed upon, enter "None".)

6. DATA RETENTION (If no special data retention procedures have been agreed upon, enter "None".)

7. REFERENCED AGREEMENTS: (As required by Section 3.1 of the referenced Agreement. Parties to place a list of type(s) of agreements, as well as language which provides for the incorporation into this Exhibit of all agreements of specified type(s) which are executed subsequent to ratification of this Exhibit.)

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Page ____ of ____

EXHIBIT V-XXX (Sequential Number)
ELECTRONIC DATA INTERCHANGE TRADING PARTNER AGREEMENT
DATED _____
TO BE EFFECTIVE _____ (date)
COVERING TRANSACTION SET NUMBER _____

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8. LIMITATION ON DIRECT DAMAGES: (If no limitation has been agreed upon, enter "None".)

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9. CONFIDENTIAL INFORMATION: (See Section 3.2. If no limitation has been agreed upon, enter "None".)

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The undersigned do hereby execute this Exhibit pursuant to the Agreement attached and do hereby ratify said Agreement for all purposes set forth in this Exhibit.

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COMPANY NAME: _____
BY: _____
PRINTED
NAME _____
TITLE: _____

COMPANY NAME: _____
BY: _____
PRINTED
NAME _____
TITLE _____

R97035

Gas Industry Standards Board

Request for Initiation of a GISB Standard for Electronic Business Transactions
or
Enhancement of an Existing GISB Standard for Electronic Business Transactions

Date of Request: January 22, 1997

1. Submitting Entity & Address:

Future Technology Task Force

2. Contact Person, Phone #, Fax #, Electronic Mailing Address:

Name: Susan Croley
Title: Member of Task Force
Phone: (713)617-6021
Fax: (713)627-4066
Email: spcroley@panenergy.com

Name: George Heal
Title: Task Force Co-Chair
Phone: (403)290-6112
Fax: (403)261-8493
Email: george.heal@pipe.nova.ca

3. Description of Proposed Standard or Enhancement:

Provide information in the model Trading Partner Agreement to accommodate the use of Internet Electronic Delivery Mechanism for any organizations using the new standards starting April 1, 1997. The following are the requested revisions to the Model Electronic Data Interchange Trading Partner Agreement, its Appendices and Exhibits:

Append the Definition of Technical Terms right before Section 1. Prerequisites.

Paragraph

1.4 Revision

1.4 Deleted

Security Procedures. Each party shall properly use those security procedures, including those specified in the Appendix if any, which are reasonably sufficient to ensure that all transmissions of Documents are authorized and to protect its business records and data from improper access.

1.4 Added

Security Procedures. Each party shall properly use those security procedures, including those specified in the GISB standards if any, which are reasonably sufficient to ensure that all transmissions of Documents are authorized and to protect its business records and data from improper access.

1.4.1 Added

Security Key Exchanges. The manner in which any public encryption keys are to be changed or exchanged will be specified in the Appendix. The procedures required for changing and exchanging public encryption keys when a Provider is elected will also be specified in the Appendix. Public keys must be communicated in electronic form between trading partners. Each party shall provide a guideline as to the communication method and frequency for changing their public key if done on a scheduled basis. However, if a party has cause to request an emergency key change, the trading partner this should be required to change their key ring with as little as 24 hour notification.

2.1 Deleted

Appendix as the receiving party's electronic mailbox provided by the receiving party's Provider.

2.1 Added

Appendix as the receiving party's electronic mailbox or URL provided by the receiving party's Provider.

2.1.1 Added

Date and time of receipt of transaction, such as a nomination, is defined in a data element in the HTTP response called time-c to indicate completion of processing at the receiving Internet server.

Appendix i

(applies across all transaction set types)

Change DUNS NUMBER to COMMON CODE IDENTIFIER in all instances.

Appendix ii

(applies to a subset of transaction set types)

Include Trading Partner Name and EDI Agent Name assuming the EDI agent is the primary contact when this information is used.

Exhibit iii

(Applies to a subset of transaction set types)

(When using VANs or Internet, both trading partners will have a VAN account or URL, respectively.)

Add an indicator to show selection between VAN EDM or Internet EDM

For Internet EDM Only, add the following:

Uniform Resource Locator (hostname or IP Address, directory, program name):

Basic Authentication userid:

Basic Authentication password:

Common Code Identifier (example: DUNS Number of trading partners or EDI agents) to be used in envelope tags for Internet EDM; these may differ from those appearing in the ST segments of the X12 file):

Add the following for Disaster Recovery if used for contingency:

The following should be completed if Disaster Recovery site is to be used by the trading partner to substitute for their primary site (this site must GISB compliant) under extraordinary circumstances:

Disaster Recovery Uniform Resource Locator (if trading partner has a Disaster Recovery hot site and uses a different URL for this disaster recovery site) :

Procedures for notification of switching to Disaster Recovery plan:

Conditions under which the Disaster Recovery site may be used:

Fallback plan if the Disaster Recovery site does not work:

Exhibit iv

4. SECURITY PROCEDURES.

Add 4.1 File Encryption Procedures (as it applies to Internet EDM only):

4.1a) Contact for public key exchange (emergency and scheduled)

b) Method of contact and related information such as phone number and/or e-mail address

c) Chosen method of key exchange (examples: diskette via certified mail or SMTP e-mail)

d) Scheduled public key exchange procedures (if any; also, please include frequency)

e) Emergency public key exchange procedures (mandatory)

f) Verification procedures to confirm appropriate exchange of public keys (example:
fingerprint comparison via phone)

g) Other

4. Use of Proposed Standard or Enhancement (include how the standard will be used, documentation on the description of the proposed standards, any existing documentation of the proposed standard, and required communication protocols):

This information will be pertinent in establishing business rules and expectations between trading partners on means by which to communicate with each other over the Internet.

5. Description of Any Tangible or Intangible Benefits to the Use of the Proposed Standard or Enhancement:

Avoids confusion on things such as:

ANSI X12 transaction sets (ex: 810 inbound, 850 outbound) to be supported in the use of Internet Electronic Delivery Mechanism (EDM) as opposed to some other EDM such as VANs

What the complete URL should be to set up appropriate firewall access and lookup of addresses for the target partner to use in transmitting files (Standard 4.3.12); this includes hostname or IP Address, any non-standard HTTP port used, directory path, and program name

Encryption key distribution and maintenance procedures - notification process of public key change to partner, the mechanism used for exchange of keys, and verification of exchange (Standard 4.3.15)

How and with whom the public key exchange will be verified

Use of mutually agreed-upon data elements in the HTTP envelope tags

What Common Code Identifiers will be used by the parties

Fallback procedures in the event of failure of transmission using Internet EDM such as a temporary outage (in the event that a standard is not approved by GISB to define the fallback procedure)

Procedures in the event of Disaster Recovery for each trading partner if the trading partner has Disaster Recovery procedures that may include a hot site in the event of some disaster that will cause a longer than temporary outage; these disasters may include, for example: hurricane, tornado, earthquake, flood, an explosion or fire, etc.

Roles and responsibilities of each trading partner (including EDI agents)

6. Estimate of Incremental Specific Costs to Implement Proposed Standard or Enhancement:

None as related to the change in the model Trading Partner Agreement

7. Description of Any Specific Legal or Other Considerations:

8. If This Proposed Standard or Enhancement Is Not Tested Yet, List Trading Partners Willing to Test Standard or Enhancement (Corporations and contacts):

Members of the Future Technology Task Force

9. If This Proposed Standard or Enhancement Is In Use, Who Are the Trading Partners:

Any organization that would like to conduct business in the gas industry using the standards related to Electronics Delivery Mechanism of EDI transactions over the Internet starting April 1, 1997. See standard 4.3.8.

10. Attachments (such as: further detailed proposals, transaction data descriptions, information flows, implementation guides, business process descriptions, examples of ASC ANSI X12 mapped transactions):

Gas Industry Standards Board Internet EDM Standards Manual

Current Model EDI Trading Partner Agreement

Definition of Technical Terms (to be inserted before Section 1. Prerequisites.)

DEFINITION OF TECHNICAL TERMS

basic authentication - the mechanism of a userid and password prompt in the Web server software to allow only authorized parties access to the directories on the server

cipher - a system to conceal data by encryption, the rearranging and/or substitution of characters with others

ciphertext - the resulting file or message after an encryption algorithm has been executed against it: only the intended recipient using the appropriate keys can decrypt the file

digital signature - data that is appended to or accompanies a file or message. It is used to attest to the authenticity of the file. Once the signature is attached to the file and if, afterwards, the file is modified, the digital signature will not verify when the file arrives at its intended destination.

MODEL ELECTRONIC DATA INTERCHANGE TRADING PARTNER AGREEMENT

electronic data interchange (EDI) - the use of a shared standard data format to communicate transactions between two or more different computer applications. An EDI translator is used to perform the task of translating from the standard data format to an application format and to a standard data format from an application format.

electronic delivery mechanism (EDM) - the method used to electronically transmit transactions, such as those in EDI format, to a trading partner.

encryption key - a set of characters used to encrypt or decrypt a file or message.

key fingerprint - a collection of 16 hexadecimal numbers(each, one byte in length) that can be viewed to confirm the authenticity of the key. This is handy to use when verifying proper key exchange by each party viewing the fingerprint on their key rings and comparing to ensure that they are the same for that company.

key ring - a file containing the public or private keys.

Uniform Resource Locator (URL) - describes the protocols that you need to access the resources and point to the appropriate Internet locations. This URL is usually comprised of six parts: protocol, domain name or host name, port address, directory path, object name and a specific hypertext location within the object name if needed.

RECOMMENDATION TO GISB EXECUTIVE COMMITTEE

Requester: **Enron Capital & Trade Resources Corp.(for drafting Committee)**
Request No.: **R97060**

1. Recommended Action:

- Accept as requested
- Accept as modified below**
- Decline

Effect of EC Vote to Accept Recommended Action:

- Change to Existing Practice**
- Status Quo

2. RECOMMENDATION

2a. Subcommittee(s)/Task Force(s): Contracts/ Model Trading Partner Agreement Task Force

2b. Description of Recommendation: See Attached “Electronic Data Interchange Trading Partner Agreement” - June 30, 1997 Draft.

2c. Description of Request: R97060

2d. Business Purpose:

“We request that the attached document be adopted as an alternative ‘short form’ EDI Trading Partner Agreement as a GISB Operating Practice”, R97060, page 1, Section 3. Description of Proposed Standard or Enhancement

2e. Sense of the Room : Model Trading Partner Agreement Task Force, June 17, 1997
Vote to recommend the body of the contract without appendix and exhibits in response to R97060.

13 In Favor 6 Opposed 1 Abstention 1 Present but neither voted nor abstained

Segment Check:

In Favor:	0 End-Users	0 LDCs	6 Pipelines	0 Producers	7 Services
Oppose :	0 End-Users	0 LDCs	1 Pipelines	0 Producers	5 Services

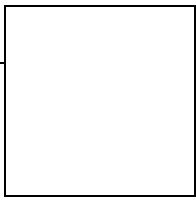
2e. Sense of the Room : Model Trading Partner Agreement Task Force, June 30, 1997
Vote to recommend section 4.7 of the body of the contract, the appendix and exhibits in response to R97060.

6 In Favor 0 Opposed

Segment Check:

In Favor:	0 End-Users	0 LDCs	1 Pipelines	0 Producers	5 Services
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2f. Commentary/Rationale of Subcommittee(s)/Task Force(s): See Attached “Electronic Data Interchange Trading Partner Agreement” - June 30, 1997 Draft.



RECOMMENDATION TO GISB EXECUTIVE COMMITTEE

Requester: **Enron Capital & Trade Resources Corp.(for drafting Committee)**
Request No.: **R97060**

3. TYPE OF MAINTENANCE

Per Request:

X Initiation

- Modification
- Deletion
- Interpretation
- Withdrawal of Request

- Principle (x.1.z)
- Definition (x.2.z)
- 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
- Interpretation

X Other - GISB Operating Practice

Per Recommendation:

X Initiation

- Modification
- Deletion
- Interpretation
- Withdrawal of Request

- Principle (x.1.z)
- Definition (x.2.z)
- 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
- Interpretation

X Other - GISB Operating Practice

4. TABLES (INCLUDED IN THE RECOMMENDATION ON AN AS-NEEDED BASIS)

N/A

STANDARD LANGUAGE (for addition, modification or deletion of a principle, definition or business practice standard): **Not Applicable**

Standard Language:

INTERPRETATION (for interpretation of a business practice standard): **Not Applicable**

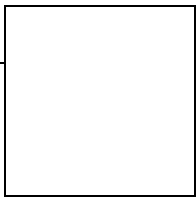
Standard No., Language and Interpretation:

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

Document Name and No.: **Not Applicable**

Business Name	Definition	Usage	Condition

* Indicates Common Code



RECOMMENDATION TO GISB EXECUTIVE COMMITTEE

Requester: **Enron Capital & Trade Resources Corp.(for drafting Committee)**
Request No.: **R97060**

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

Document Name and No.: Not Applicable

Business Name	Usage	Code Value Description	Code Value Definition

TECHNICAL CHANGE LOG (all instructions to accomplish the subcommittee or task force recommendation)

Document Name and No.: Not Applicable

Description of Change:

TECHNICAL CODE VALUES LOG (for code values assigned to the code value description)

Document Name and No.: Not Applicable

Business Name	Usage	Code Value	Code Value Description	Code Value Definition

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

Standards Book: Not Applicable

Language:

ELECTRONIC DATA INTERCHANGE TRADING PARTNER AGREEMENT

This ELECTRONIC DATA INTERCHANGE TRADING PARTNER AGREEMENT (this "Agreement") is made as of [date], [year], by and between [name of party], a [identify entity legal organizational structure, applicable jurisdiction and office location(s)], and [name of party], a [identify entity legal organizational structure, applicable jurisdiction and office location(s)] (each a "party" and collectively, the "parties") to facilitate administrative matters exchanged between the parties ("Transactions") in furtherance of the parties' communications in support of [describe the uses and/or agreements that this communication agreement will support] by providing the option for electronically transmitting and receiving data in agreed formats.

Section 1. Prerequisites.

1.1. Documents and Standards. Each party may electronically transmit to or receive from the other party any of the transaction sets which the parties by written agreement agree to utilize to effectuate the communications delineated in such transaction sets (each agreed upon transaction set, a "Document," and collectively, the "Documents"). The parties may agree to utilize transaction sets pursuant hereto from time to time by executing detailed specification exhibits (each, an "EDI Exhibit") referencing this Agreement, setting forth the applicable electronic delivery mechanism, including back-up and alternate electronic delivery mechanisms, if any, and identifying the transaction sets and all applicable "Receipt Computers," "Digital Signatures," "Functional Acknowledgments," "Response Documents," "Providers," and "Functional Acknowledgment Deadlines" (all as below defined). Any transmission of data pursuant to this Agreement which is not a Document, a Functional Acknowledgment, an electronic delivery mechanism error notification, or a time-stamp receipt response or record (collectively, "Data Communications") shall have no force or effect between the parties. Each Document shall be transmitted by one party ("Sender") to the other party ("Receiver"). All Data Communications shall be made in accordance with the standards identified in the Appendix hereto (the "Appendix") and published industry guidelines identified in either the Appendix or the applicable EDI Exhibit (collectively, the "Standards"). In the event of a conflict between the body of this Agreement and the Appendix, the Appendix will govern. In the event of a conflict between the body of this Agreement or the Appendix, and an EDI Exhibit, the EDI Exhibit will govern.

1.2. Electronic Communication Providers/Costs. Data Communications will be effectuated electronically to each party either directly, or through any third party electronic communication provider ("Provider") with which either party may contract as specified in the applicable EDI Exhibit, such as a value added network provider or an Internet service provider. Either party may modify its election to use, not use or change a

Provider upon 30 days prior written notice to the other party. Unless otherwise mutually agreed by the parties herein, each party shall be responsible for the costs of any Provider with which it contracts; Sender shall pay all costs associated with the transmission of Data Communications to the "Receipt Computer," which shall be that computer designated in the EDI Exhibit for Receiver, including costs of its Provider, if any, and Receiver shall pay all costs associated with the retrieval and receipt of Data Communications, including costs of its Provider, if any. Each Receipt Computer shall be identified either as Receiver's electronic mailbox or uniform resource locator ("URL"), as applicable. Each party shall be liable for the acts or omissions of its Provider while transmitting, retrieving, receiving, storing or handling Data Communications, or performing related activities, for such party; provided, if both parties use the same Provider to effect the transmission, retrieval and receipt of Data Communications, Sender shall be liable for the acts or omissions of such Provider related to activities associated with the transmission of the Data Communications and Receiver shall be liable for the acts or omissions of such Provider related to activities associated with the retrieval and receipt of the Data Communications. This provision does not limit any claim of a party against any Provider in respect of any act or omission.

1.3. System Operations and Security Procedures. The equipment, software, services and testing necessary to transmit, retrieve and receive Data Communications shall be at each party's sole expense. Each party shall properly use those security procedures set forth in the Appendix.

1.4. Digital Signatures. Each party may adopt as its signature a digital signature identification ("Digital Signature") consisting of symbols or codes which are to be affixed to the encrypted Document or otherwise contained in the Document transmitted by such party where required by the Standards or as may be otherwise agreed by the parties. In cases where a Digital Signature is required for a Document, the requirement shall be specified in the applicable EDI Exhibit. Each party agrees that the Digital Signature of such party affixed to or contained in any Document shall be sufficient to verify such party originated such Document. Neither party shall disclose to any unauthorized person the Digital Signature of the other party.

1.5. Keys. Unless otherwise specified in the Appendix, each party shall maintain a "public key," a key utilized in conjunction with an encryption algorithm to facilitate private electronic communication which may be changed from time to time, all in accordance with this Section 1.5 and applicable procedures set forth in the Appendix. If the parties are utilizing public keys hereunder, the following procedures shall apply unless otherwise mutually agreed in the Appendix. Each party shall provide to the other party its public key by either (a) a certified or receipted mail service using a diskette with the public key contained in an ASCII text file or (b) an electronic simple mail transfer protocol mail message with the public key contained in the body or attached thereto. The public key shall be verified by the party to whom it is sent by validating the fingerprint of the public key by telephonic

verification between designated representatives of each party. As mutually agreed in the Appendix, each party shall provide to the other party a written schedule of the frequency it intends to change its public key. If a party desires to change its public key at a time other than that scheduled, or does not desire to change its public key as scheduled, such party shall provide at least five business days prior written notice thereof to the other party; provided, under emergency circumstances immediate prior notice may be given.

Section 2. Transmissions.

2.1. Proper Receipt. There shall not be deemed to have been a "proper receipt" of a Document until accessible to Receiver at such party's Receipt Computer as evidenced by the receipt by Sender of the HTTP response initiated by Receiver or, if applicable, the availability to Sender of other time-stamp receipt record, in each case indicating complete receipt of the Document in accordance with any applicable Standards. The time-stamp receipt response or record shall include a time-stamp indicator and information specifying whether or not a complete file has been received. The method of time-stamp receipt response or record to be utilized by the parties shall be set forth in the Appendix. No Document shall have any effect (a) for which the HTTP response is not received by Sender or, if applicable, the other time-stamp receipt record is not available to Sender, (b) for which a time-stamp receipt response or record indicating error is applicable or (c) for which an electronic delivery mechanism error notification is applicable.

2.2. Verification. Upon proper receipt of any Document, Receiver shall verify that the Document originated from an authorized trading partner, process the decryption of the Document, if necessary, and translate the Document in accordance with the Standards to determine whether the Document contains all of the required data in proper syntactical form. If the Document is verified as from an authorized trading partner and Receiver's decryption of the Document is successful, Receiver shall transmit a "Functional Acknowledgment" to Sender unless otherwise specified in the EDI Exhibit. For purposes of this Agreement, a "Functional Acknowledgment" means a transaction set which confirms (in the format specified thereby) whether or not all required portions of the Document are complete and syntactically correct, but which does not address or otherwise confirm the substantive content of the Document. If there has been a proper receipt by Sender of a Functional Acknowledgment to a Document indicating error within the "Functional Acknowledgment Deadline" indicated in the applicable EDI Exhibit for such Document, the Document may not be relied upon by either party as an effective Document for any purpose. If there has not been a proper receipt by Sender of a Functional Acknowledgment or a Response Document (below defined) to a Document for any reason within the "Functional Acknowledgment Deadline" indicated in the applicable EDI Exhibit for such Document, Sender shall contact Receiver to determine the status of the Document and arrange a

recommunication of the Document in accordance with the Standards as may be necessary.

2.3. Response Document. By mutual agreement, the parties may designate in the applicable EDI Exhibit a "Response Document" transaction set. For purposes of this Agreement, a "Response Document" confirms (in the format specified thereby) whether or not the substantive content of the corresponding Document contains valid substantive data to effectuate the communication pursuant to the applicable uses or agreements set forth in the preamble hereof. A Response Document does not include the time-stamp receipt response specified in Section 2.1 hereof.

Section 3. Transaction Terms.

3.1. Regulations. Notwithstanding Section 4.1 hereof, if any party determines that this Agreement is in conflict with either that party's existing tariff or an obligation imposed by a governmental entity exercising jurisdiction over that party, then the affected party shall give immediate written notice to the other party defining which terms of this Agreement are affected and the reasons therefor. The affected party may also provide notice of termination of this Agreement as provided in Section 4.1 hereof, effective immediately upon receipt of such notice by the other party to this Agreement. Should such conflicts between this Agreement and any tariff or other governmental obligation result in the invalidity or unenforceability of any provision of this Agreement, Section 4.2 shall apply.

3.2. Validity, Enforceability and Confidentiality. Any Document properly transmitted pursuant to this Agreement shall be deemed to be a "writing" or "in writing" pursuant to applicable law. Any Document when containing, or to which there is affixed to its encryption, a Digital Signature (a "Signed Document") shall be deemed for all purposes hereunder and at law to have been "signed." Any Document or Signed Document shall be deemed to constitute an "original" when printed from electronic files or records established and maintained in the normal course of business. The conduct of the parties pursuant to this Agreement, including the use of any Document or Signed Document properly transmitted pursuant to this Agreement, shall, for all legal purposes, evidence a course of dealing and a course of performance accepted by the parties in furtherance of this Agreement and the applicable uses and agreements set forth in the preamble hereof between the parties. The parties agree not to contest the validity or enforceability of any Signed Document under the provisions of any applicable law relating to whether certain agreements are to be signed by the party to be bound thereby. A Document or a Signed Document, if introduced as evidence on paper in any judicial, arbitration, mediation or administrative proceedings, will be admissible as between the parties to the same extent and under the same conditions as other business records originated and maintained in documentary form. Neither party shall contest the admissibility of copies of a Document or Signed Document under either the

business records exception to the hearsay rule or the best evidence rule on the basis that such Document or Signed Document was not originated or maintained in documentary form. No information contained in any Document shall be considered confidential except as provided by the applicable agreements set forth in the preamble hereof between the parties, other written agreements between the parties or by applicable law.

Section 4. Miscellaneous.

4.1. Term. This Agreement shall be effective as of the date first set forth above and shall remain in effect until terminated by either party with not less than 30 days prior written notice specifying the effective date of termination; provided, should either party utilize this Agreement for purposes other than the Transactions contemplated hereby or for any illegal purpose, the other party may immediately terminate this Agreement by written notice; provided further, any termination shall not affect the respective obligations or rights of the parties arising under any Documents effectively communicated under this Agreement prior to the effective date of termination. The provisions of Section 3.2 shall survive the termination of this Agreement.

4.2. Agreement Not Severable. If any provision of this Agreement is determined to be invalid or unenforceable by a court of law or other applicable administrative agency, then as of such determination this Agreement in its entirety will be deemed ineffective and unenforceable by the parties; provided, the respective obligations or rights of the parties arising from any Data Communications effected under this Agreement prior thereto and the provisions of Section 3.2 shall not be affected.

4.3. Entire Agreement. As and when executed by the parties, each EDI Exhibit and the Appendix shall be considered a part of this Agreement. This Agreement, including the Appendix and each EDI Exhibit which are incorporated herein by this reference, constitutes the complete agreement of the parties relating to the matters specified in this Agreement and supersedes all prior representations or agreements, whether oral or written, with respect to such matters. No oral modification or waiver of any of the provisions of this Agreement shall be binding upon either party. This Agreement is solely for the benefit of, and shall be binding solely upon, the parties their agents and their respective successors and permitted assigns. This Agreement is not intended to benefit and shall not be for the benefit of any party other than the parties hereto and no other party shall have any right, claim or action as a result of this Agreement. No forbearance by any party to require performance of any provisions of this Agreement shall constitute or be deemed a waiver of such provision or the right thereafter to enforce it.

4.4. Governing Law. This Agreement shall be governed by and interpreted in accordance with the laws of the state [commonwealth] [province] of [] [the United States of America], excluding any conflict-of-law rules and principles of that state [commonwealth] [province] [the United States of America]

which would result in reference to the laws or rules of another jurisdiction.

4.5. Exclusion of Certain Damages. NEITHER PARTY SHALL BE LIABLE TO THE OTHER PARTY FOR ANY IMPLIED OR STATUTORY WARRANTIES UNDER APPLICABLE LAW, EACH PARTY HEREBY DISCLAIMING AND WAIVING ITS RIGHTS THERETO, NOR ANY SPECIAL, INCIDENTAL, EXEMPLARY OR CONSEQUENTIAL DAMAGES, IN EACH CASE ARISING FROM OR AS A RESULT OF ANY DELAY, OMISSION OR ERROR IN THE ELECTRONIC TRANSMISSION, RETRIEVAL OR RECEIPT OF ANY DOCUMENTS PURSUANT TO THIS AGREEMENT, EVEN IF EITHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES AND REGARDLESS OF FAULT. ANY LIMITATION ON DIRECT DAMAGES TO SOFTWARE AND HARDWARE ARISING FROM THIS AGREEMENT SHALL BE SET FORTH IN THE APPENDIX.

4.6. Notices. Unless otherwise expressly provided in this Agreement, all notices required or permitted to be given with respect to this Agreement shall be given by mailing the same postage prepaid or by receipted electronic mail, or given by facsimile or by courier, to the addressee party at such party's address set forth in the Appendix. Either party may change its address for the purpose of notice hereunder by giving the other party no less than five days prior written notice of such new address in accordance with the preceding provisions.

4.7. Industry Guideline Versions and Other Matters. The EDI Exhibit shall include the identification of the industry guideline version to be utilized in connection with each transaction set. If thereafter the Federal Energy Regulatory Commission or successor governing jurisdictional agency adopts by order, rule or regulation a new version applicable to a transaction set, then either party may notify the other party of its intent to implement the new version. Further, if thereafter the Federal Energy Regulatory Commission or successor governing jurisdictional agency adopts by order, rule or regulation directed to either party any other requirement applicable to a transaction set, then such party may notify the other party of its intent to implement such requirement. From the date of delivery of any such notice, a period of 60 days, or such lesser period as may be otherwise required, shall be allowed for implementation of the new version or other requirement by the parties, unless the parties mutually agree in writing to a different implementation period. Should either party desire implementation of a new version or other matter which has not then been adopted by order, rule or regulation as above provided, then such party may notify the other party of its proposed change. If the parties thereafter mutually agree in writing to the proposed change and an implementation period therefor, the change shall be implemented in accordance with such agreement. If no such agreement is then reached, no change shall occur on the basis of the proposal.

4.8. Force Majeure. No party shall be liable for any failure to perform its obligations hereunder where such failure results from

an act of God or other cause beyond such party's reasonable control (including, without limitation, any mechanical, electronic or communications failure) which prevents such party from transmitting, retrieving or receiving any Documents, and which by the exercise of due diligence such party is unable to prevent or overcome.

4.9. Assignment. This Agreement may not be assigned or transferred by either party without the prior written approval of the other party, which approval shall not be unreasonably withheld; provided, any assignment or transfer, whether by merger or otherwise, to a party's affiliate or successor in interest shall be permitted without prior consent if such party assumes this Agreement.

Each party has caused this Agreement to be properly executed in multiple original counterparts on its behalf effective as of the date first above written.

COMPANY NAME: _____

BY: _____

NAME: _____

TITLE: _____

COMPANY NAME: _____

BY: _____

NAME: _____

TITLE: _____

APPENDIX TO ELECTRONIC DATA INTERCHANGE TRADING PARTNER AGREEMENT DATED _____
APPENDIX DATED _____
APPENDIX EFFECTIVE _____
(Applies to All Transaction Types)

1. IDENTIFICATION AND ADDRESSES:

■ COMPANY NAME _____
STREET ADDRESS _____
CITY _____ STATE/PROVINCE/Commonwealth _____
ZIP/POSTAL CODE _____
ATTENTION _____
(Name and Title of EDI System Contact)
PHONE _____ FAX _____ E-MAIL _____
OTHER NOTICE METHOD OR ADDRESS _____
COMMON CODE IDENTIFIER _____

■ COMPANY NAME _____
STREET ADDRESS _____
CITY _____ STATE/PROVINCE/Commonwealth _____
ZIP/POSTAL CODE _____
ATTENTION _____
(Name and Title of EDI System Contact)
PHONE _____ FAX _____ E-MAIL _____
OTHER NOTICE METHOD OR ADDRESS _____
COMMON CODE IDENTIFIER _____

2. STANDARDS:

Specify all applicable standards and issuing organizations, such as the standards of the American National Standards Institute.

Selected standards include, as applicable, data dictionaries, segment dictionaries and transmission controls referenced in the standards for the transaction sets contained in the EDI Exhibit.

3. INDUSTRY GUIDELINES: Specify all applicable published industry guidelines, regulations, or orders directed at either party, such as Gas Industry Standards Board guidelines as adopted by the Federal Energy Regulatory Commission or successor governing jurisdictional agency. [The industry guidelines may be alternatively identified in the EDI Exhibit.]

4. SECURITY PROCEDURES: _____

(a) Contact for public key exchange: _____

(b) Method of contact for public key exchange (phone, e-mail etc.): _____

(c) Method for public key exchange: _____

(d) Date for submission of scheduled public key exchanges: _____

(e) Scheduled public key exchange procedures, if any: _____

(f) Unscheduled public key exchange procedures: _____

(g) Designated representatives for public key verification: _____

5. METHOD OF TIME-STAMP RECEIPT RESPONSE: _____

6. LIMITATION ON DIRECT DAMAGES TO SOFTWARE AND HARDWARE: Specify, if any.

COMPANY NAME: _____

BY: _____

NAME: _____

TITLE: _____

COMPANY NAME: _____

BY: _____

NAME: _____

TITLE: _____

EXHIBIT TO ELECTRONIC DATA INTERCHANGE TRADING PARTNER AGREEMENT DATED _____

**EXHIBIT DATED _____
EXHIBIT EFFECTIVE _____**

Internet Information

The Undersigned Companies will use the Internet as:

Primary EDI Communications

Backup to VAN

Electronic Communication Provider, Receipt Computer and any Back-up or Alternate:

	Company _____ _____	Company _____ _____
ISA Qualifier		
ISA 06/08 Interchange ID		
PGP User ID (alpha, spaces, numbers only; no special characters)		
HTTP From/To Tag		
Production URL Address		
Production URL Path/Port		
Production URL Directory/Program Name		
Production URL User Name/Password		
Data Element Transaction Set Supported in HTTP Envelope: Yes/No		
Backup URL Address (Optional)		
Backup URL Path/Port (Optional)		
Backup URL Directory/Program Name (Optional)		
Backup URL User Name/Password (Optional)		
Data Element Transaction Set Supported in HTTP Envelope: Yes/No (Optional Backup)		
Error URL Address (Optional)		
Error URL Path/Port (Optional)		
Error URL Directory/Program Name (Optional)		
Error URL User Name/Password (Optional)		
Data Element Transaction Set Supported in HTTP Envelope: Yes/No (Optional Error)		

Reference is made to the Electronic Data Interchange Trading Partner Agreement between the undersigned pursuant to which this EDI Exhibit is executed.

COMPANY NAME: _____

BY: _____

NAME: _____

TITLE: _____

COMPANY NAME: _____

BY: _____

NAME: _____

TITLE: _____

Value-Added Network Information

The Undersigned Companies will use a Value-Added Network (VAN) as:

- Primary EDI Communications
 Backup to Internet

Electronic Communication Provider and Receipt Computer:

	Company	Company
Value Added Network (VAN)		
VAN Account ID		
VAN User ID		
ISA Qualifier		
ISA 06/08 Interchange ID		

Reference is made to the Electronic Data Interchange Trading Partner Agreement between the undersigned pursuant to which this EDI Exhibit is executed.

COMPANY NAME: _____

BY: _____
 NAME: _____
 TITLE: _____

COMPANY NAME: _____

BY: _____
 NAME: _____
 TITLE: _____

R97060

Gas Industry Standards Board
Request for Initiation of a GISB Standard for Electronic Business Transactions
or
Enhancement of an Existing GISB Standard for Electronic Business Transactions

Date of Request: April 2, 1997

1. Submitting Entity & Address: Enron Capital & Trade Resources Corp.
(for drafting committee)
1400 Smith Street
Houston, TX 77002

2. Contact Person, Phone #, Fax #, Electronic Mailing Address:

Name : Mary Cook
Title : Senior Counsel
Phone: (713)853-7912
Fax : (713)646-3490
E-mail :

3. Description of Proposed Standard or Enhancement:

We request that the attached document be adopted as an alternative "short form" EDI Trading Partner Agreement as a GISB Operating Practice.

4. Use of Proposed Standard or Enhancement (include how the standard will be used, documentation on the description of the proposed standard, any existing documentation of the proposed standard, and required communication protocols):

See attached.

5. Description of Any Tangible or Intangible Benefits to the Use of the Proposed Standard or Enhancement:

This document represents a clear and concise trading partner agreement for use in establishing EDI communications to support transportation contracts and data aggregation.

6. Estimate of Incremental Specific Costs to Implement Proposed Standard or Enhancement:

None

7. Description of Any Specific Legal or Other Considerations:

The attached is a form of contract presented as an alternative. We feel it provides an enhanced legal structure, clarity, and is specifically drawn for current FERC standards for the gas industry.

8. If This Proposed Standard or Enhancement Is Not Tested Yet, List Trading Partners Willing to Test Standard or Enhancement (Corporations and contacts):

N/A

9. If This Proposed Standard or Enhancement Is In Use, Who are the Trading Partners:

N/A

10. Attachments (such as : further detailed proposals, transaction data descriptions, information flows, implementation guides, business process descriptions, examples of ASC ANSI X12 mapped transactions):

See attached document.

ELECTRONIC DATA INTERCHANGE TRADING PARTNER AGREEMENT

This ELECTRONIC DATA INTERCHANGE TRADING PARTNER AGREEMENT (this "Agreement") is made as of [], 19[], by and between [], a [], and [], a [] (each a "party" and collectively, the "parties") to facilitate administrative matters exchanged between the parties ("Transactions") in furtherance of the parties' transportation agreements [describe other uses, if any, that this communication agreement will support; for example, the aggregation of transportation data] by providing the option for electronically transmitting and receiving data in agreed formats according to the standards published by the Gas Industry Standards Board as adopted by the Federal Energy Regulatory Commission.

Section 1. Prerequisites.

1.1. Documents and Standards. Each party may electronically transmit to or receive from the other party any of the transaction sets which the parties by written agreement agree to utilize to effectuate the communications delineated in such transaction sets (each agreed upon transaction set, a "Document," and collectively, the "Documents"). The parties may agree to utilize transaction sets pursuant hereto from time to time by executing detailed specification exhibits (each, an "EDI Exhibit") referencing this Agreement, setting forth the applicable electronic delivery mechanism, including back-up and alternate electronic delivery mechanisms, if any, and identifying the transaction sets and all applicable "Receipt Computers," "Digital Codes," "Functional Acknowledgments," "Response Documents," "Providers," and "Functional Acknowledgment Deadlines" (all as below defined). Any transmission of data which is not a Document shall have no force or effect between the parties. Each Document shall be transmitted by one party ("Sender") to the other party ("Receiver") in accordance with the standards and published industry guidelines (collectively, the "Standards") identified in the Appendix hereto (the "Appendix"). In the event of a conflict between the body of this Agreement and the Appendix, the Appendix will govern. In the event of a conflict between the body of this Agreement or the Appendix, and an EDI Exhibit, the EDI Exhibit will govern.

1.2. Electronic Communication Providers. Documents will be transmitted electronically to each party as specified in the applicable EDI Exhibit either directly, or through any third party electronic communication provider ("Provider") with which either party may contract, such as a value added network provider or an Internet service provider. Either party may modify its election to use, not use or change a Provider upon 30 days prior written notice to the other party. Each party shall be responsible for the costs of any Provider with which it contracts. Sender shall pay all costs of its Provider associated with the transmission of a Document to the "Receipt Computer" designated in the EDI Exhibit for Receiver and Receiver shall pay all costs of its Provider associated with the retrieval and receipt of a Document. Where the parties employ the services of a Provider, the Receipt

Computer shall be identified either as Receiver's electronic mailbox or uniform resource locator, as applicable. Each party shall be liable for the acts or omissions of its Provider while transmitting, retrieving, receiving, storing or handling Documents, or performing related activities, for such party; provided, if both parties use the same Provider to effect the transmission, retrieval and receipt of a Document, Sender shall be liable for the acts or omissions of such Provider related to activities associated with the transmission of the Document and Receiver shall be liable for the acts or omissions of such Provider related to activities associated with the retrieval and receipt of the Document. This provision does not limit any claim of a party against any Provider in respect of any act or omission.

1.3. System Operations and Security Procedures. The equipment, software, services and testing necessary to transmit, retrieve and receive Documents shall be at each party's sole expense. Each party shall properly use those security procedures set forth in the Appendix.

1.4. Digital Codes. Each party may adopt as its signature a digital signature identification ("Digital Code") consisting of symbols or codes which are to be affixed to or contained in the Document transmitted by such party where required by the Standards or as may be otherwise agreed by the parties. In cases where a Digital Code is required for a Document, the requirement shall be specified in the applicable EDI Exhibit. Each party agrees that the Digital Code of such party affixed to or contained in any Document shall be sufficient to verify such party originated such Document. Neither party shall disclose to any unauthorized person the Digital Code of the other party.

1.5. Keys. When the parties are utilizing the Internet electronic delivery mechanism, each party shall maintain a "public key," an encryption algorithm utilized to facilitate private electronic communication which may be changed from time to time, all in accordance with this Section 1.5 and applicable procedures set forth in the Appendix. Each party shall provide to the other party its public key by either (a) a certified or receipted mail service using a diskette with the public key contained in an ASCII text file, (b) an electronic simple mail transfer protocol mail message with the public key contained in the body, or (c) as otherwise agreed. The public key shall be verified by the party to whom it is sent by validating the fingerprint of the public key, which validation may be made by telephonic verification between designated representatives of each party. As mutually agreed in the Appendix, each party shall provide to the other party a written schedule of the frequency it intends to change its public key. If a party desires to change its public key at a time other than that scheduled, or does not desire to change its public key as scheduled, such party shall provide at least five business days prior written notice thereof to the other party; provided, under emergency circumstances a prior written notice of one business day may be given.

Section 2. Transmissions.

2.1. Proper Receipt. There shall not be deemed to have been a "proper receipt" of a Document until accessible to Receiver at such party's Receipt Computer as evidenced by the receipt by Sender of the time-stamp response initiated by Receiver indicating successful receipt of the Document in accordance with the Standards. The method of time-stamp response to be utilized by the parties shall be set forth in the Appendix. No Document shall have any effect (a) for which a time-stamp response is not received by Sender or (b) for which a time-stamp response indicating error is applicable.

2.2. Verification. Upon proper receipt of any Document, Receiver shall verify that the Document originated from an authorized trading partner, process the decryption of the Document, if necessary, and translate the Document in accordance with the Standards to determine whether the Document contains all of the required data in proper syntactical form. If the Document is verified as from an authorized trading partner and Receiver's decryption of the Document is successful, Receiver shall transmit a "Functional Acknowledgment" to Sender. For purposes of this Agreement, a "Functional Acknowledgment" means a transaction set which confirms (in the format specified thereby) whether or not all required portions of the Document are complete and syntactically correct, but which does not address or otherwise confirm the substantive content of the Document. If (a) there has not been a proper receipt by Sender of a Functional Acknowledgment to a Document for any reason or (b) there has been a proper receipt by Sender of a Functional Acknowledgment to a Document indicating error, in each case within the "Functional Acknowledgment Deadline" indicated in the applicable EDI Exhibit for such Document, the Document may not be relied upon by either party as an effective Document for any purpose.

2.3. Response Document. By mutual agreement, the parties may designate in the applicable EDI Exhibit a "Response Document" transaction set in addition to a Functional Acknowledgment transaction set. A Response Document does not include the time-stamp response specified in Section 2.1 hereof. For purposes of this Agreement, a "Response Document" confirms (in the format specified thereby) whether or not the substantive content of the corresponding Document contains valid substantive data to effectuate the communication. If the Response Document indicates valid substantive content, the communication set forth in the applicable Document shall be deemed effectively completed under the applicable transportation agreement between the parties [describe other arrangement if applicable]. If the Response Document does not indicate valid substantive content, the communication set forth in the applicable Document shall be deemed not to have been effectively completed under the applicable transportation agreement between the parties [describe other arrangement if applicable].

Section 3. Transaction Terms.

3.1. Regulations. Notwithstanding Section 4.1 hereof, if any party determines that this Agreement is in conflict with either that party's existing tariff or an obligation imposed by a governmental entity exercising jurisdiction over that party, then the affected party shall give immediate written notice to the other party defining which terms of this Agreement are affected and the reasons therefor. The affected party may also provide notice of termination of this Agreement as provided in Section 4.1 hereof, effective immediately upon receipt of such notice by the other party to this Agreement.

3.2. Validity, Enforceability and Confidentiality. Any Document properly transmitted pursuant to this Agreement shall be considered to be a "writing" or "in writing" pursuant to applicable law. Any Document when containing, or to which there is affixed, a Digital Code (a "Signed Document") shall be deemed for all purposes hereunder and at law to have been "signed" and to constitute an "original" when printed from electronic files or records established and maintained in the normal course of business. The conduct of the parties pursuant to this Agreement, including the use of any Signed Document properly transmitted pursuant to this Agreement, shall, for all legal purposes, evidence a course of dealing and a course of performance accepted by the parties in furtherance of this Agreement and the transportation agreements between the parties. The parties agree not to contest the validity or enforceability of any Signed Document under the provisions of any applicable law relating to whether certain agreements are to be in writing or signed by the party to be bound thereby. A Signed Document, if introduced as evidence on paper in any judicial, arbitration, mediation or administrative proceedings, will be admissible as between the parties to the same extent and under the same conditions as other business records originated and maintained in documentary form. Neither party shall contest the admissibility of copies of a Signed Document under either the business records exception to the hearsay rule or the best evidence rule on the basis that the Signed Document was not originated or maintained in documentary form. No information contained in any Document shall be considered confidential except as provided by the transportation agreements between the parties, other written agreements between the parties or by applicable law.

Section 4. Miscellaneous.

4.1. Term. This Agreement shall be effective as of the date first set forth above and shall remain in effect until terminated by either party with not less than 30 days prior written notice specifying the effective date of termination; provided, should either party utilize this Agreement for purposes other than the Transactions contemplated hereby or for any illegal purpose, the other party may immediately terminate this Agreement by written notice; provided further, any termination shall not affect the respective obligations or rights of the parties arising under any

Documents effectively communicated under this Agreement prior to the effective date of termination.

4.2. Agreement Not Severable. If any provision of this Agreement is determined to be invalid or unenforceable, then as of such determination this Agreement in its entirety will be deemed ineffective and unenforceable by the parties; provided, the respective obligations or rights of the parties arising under any Documents effectively communicated under this Agreement prior thereto shall not be affected.

4.3. Entire Agreement. As and when executed by the parties, each EDI Exhibit shall be considered a part of this Agreement. This Agreement, including the Appendix and each EDI Exhibit which are incorporated herein by this reference, constitutes the complete agreement of the parties relating to the matters specified in this Agreement and supersedes all prior representations or agreements, whether oral or written, with respect to such matters. No oral modification or waiver of any of the provisions of this Agreement shall be binding upon either party. This Agreement is solely for the benefit of, and shall be binding solely upon, the parties their agents and their respective successors and permitted assigns. This Agreement is not intended to benefit and shall not be for the benefit of any party other than the parties hereto and no other party shall have any right, claim or action as a result of this Agreement. No forbearance by any party to require performance of any provisions of this Agreement shall constitute or be deemed a waiver of such provision or the right thereafter to enforce it.

4.4. Governing Law. This Agreement shall be governed by and interpreted in accordance with the laws of the state [commonwealth] [province] of [] [the United States of America], excluding any conflict-of-law rules and principles of that state [commonwealth] [province] [the United States] which would result in reference to the laws or rules of another jurisdiction.

4.5. Exclusion of Certain Damages. Neither party shall be liable to the other for any special, incidental, exemplary or consequential damages arising from or as a result of any delay, omission or error in the electronic transmission, retrieval or receipt of any Documents pursuant to this Agreement, even if either party has been advised of the possibility of such damages and **REGARDLESS OF FAULT**. Any limitation on direct damages to software and hardware arising from this Agreement shall be set forth in the Appendix.

4.6. Notices. Unless otherwise expressly provided in this Agreement, all notices required or permitted to be given with respect to this Agreement shall be given by mailing the same postage prepaid, or given by fax or by courier, to the addressee party at such party's address set forth in the Appendix. Either party may change its address for the purpose of notice hereunder by giving the other party no less than five days prior written notice of such new address in accordance with the preceding provisions.

4.7. Force Majeure. No party shall be liable for any failure to perform its obligations hereunder where such failure results from an act of God or other cause beyond such party's reasonable control (including, without limitation, any mechanical, electronic or communications failure) which prevents such party from transmitting, retrieving or receiving any Documents, and which by the exercise of due diligence such party is unable to prevent or overcome.

4.8. Assignment. This Agreement may not be assigned or transferred by either party without the prior written approval of the other party, which approval shall not be unreasonably withheld; provided, any assignment or transfer, whether by merger or otherwise, to a party's affiliate or successor in interest shall be permitted without prior consent if such party assumes this Agreement.

Each party has caused this Agreement to be properly executed in multiple original counterparts on its behalf effective as of the date first above written.

COMPANY NAME: _____

BY: _____

NAME: _____

TITLE: _____

COMPANY NAME: _____

BY: _____

NAME: _____

TITLE: _____

**APPENDIX TO ELECTRONIC DATA INTERCHANGE
TRADING PARTNER AGREEMENT DATED _____**

1. IDENTIFICATION AND ADDRESSES:

COMPANY NAME _____
AGENT NAME (IF ANY) _____
STREET ADDRESS _____
CITY _____ STATE/PROVINCE/COMMONWEALTH _____
ZIP/POSTAL CODE _____
ATTENTION _____
(Name and Title of EDI System Contact)
PHONE _____ FAX _____ E-MAIL _____
OTHER NOTICE METHOD OR ADDRESS _____
COMMON CODE IDENTIFIER _____

COMPANY NAME _____
AGENT NAME (IF ANY) _____
STREET ADDRESS _____
CITY _____ STATE/PROVINCE/COMMONWEALTH _____
ZIP/POSTAL CODE _____
ATTENTION _____
(Name and Title of EDI System Contact)
PHONE _____ FAX _____ E-MAIL _____
OTHER NOTICE METHOD OR ADDRESS _____
COMMON CODE IDENTIFIER _____

2. STANDARDS:

Specify all applicable standards, such as the standards of the American National Standards Institute. _____

3. INDUSTRY GUIDELINES: Specify all applicable published industry guidelines or applicable regulations, such as Gas Industry Standards Board Version _____, as adopted by the F. E. R. C. _____

4. SECURITY PROCEDURES: _____

- (a) Contact for public key exchange: _____
- (b) Method of contact for public key exchange (phone, e-mail etc.): _____
- (c) Method for public key exchange: _____
- (d) Date for submission of scheduled public key exchanges: _____
- (e) Scheduled public key exchange procedures, if any: _____

- (f) Unscheduled public key exchange procedures: _____

- (g) Designated representatives for public key verification: _____

5. METHOD OF TIME-STAMP RESPONSE: _____

6. LIMITATION ON DIRECT DAMAGES TO SOFTWARE AND HARDWARE: Specify, if any.

EDI EXHIBIT

Value-Added Network Information

My company will use a Value-Added Network (VAN) as:

- Primary EDI Communications
 Backup to Internet
 Not at all

Electronic Communication Provider:

	Company Name _____	Company Name _____
Provider Name and Business Representative:		
Telephone:		
Fax:		
E-Mail:		
EDI System Contact at Provider:		
Telephone:		
Fax:		
E-Mail:		

Receipt Computer and any Back-up or Alternates:

	Company Name _____	Company Name _____
Value Added Network (VAN): Receipt Computer	-	
VAN Account Id		

[add blocks as needed for optional back-up or alternates]

Reference is made to the Electronic Data Interchange Trading Partner Agreement between the undersigned pursuant to which this EDI Exhibit is executed.

Company

Name/Title/Date

Company

Name/Title/Date

EDI EXHIBIT

Internet Information

My company will use the Internet as:

- Primary EDI Communications
 Backup to VAN
 Not at all

Electronic Communication Provider:

	Company Name _____	Company Name _____
Provider Name and Business Representative:		
Telephone:		
Fax:		
E-Mail:		
EDI System Contact at Provider:		
Telephone:		
Fax:		
E-Mail:		

Receipt Computer and any Back-up or Alternates:

	Company Name _____	Company Name _____
Production URL Address: Receipt Computer		
Production URL User Name/Password		
Backup URL Address (Optional)		
Backup URL User Name/Password (Optional)		

Reference is made to the Electronic Data Interchange Trading Partner Agreement between the undersigned pursuant to which this EDI Exhibit is executed.

Company

Name/Title/Date

Company

Name/Title/Date

EDI EXHIBIT
List of Transaction Sets

[The parties to select which Transaction Sets they will utilize and list and note if Digital Codes are required; this is an example list, no Digital Codes required.]

Trans Set Id	Transaction Description and ANSI Version	Send (S) or Receive (R) By Company	Functional Acknowledgment Deadline	Applicable Response Document/Transaction Set
811	Shipper Imbalance / Version _____			
811	Transportation Invoice / Version _____			
820	Remittance Advice / Version _____			
822	Statement of Account / Version _____			
840	Capacity Release Prearranged Deals / Version _____			
840	Firm Transportation and Storage Capacity Offer / Version _____			
840	Firm Transportation and Storage Capacity Offer Withdrawal / Version _____			
840	Operationally Available and Unsubscribed Capacity / Version _____			
843	Capacity Award Notice / Version _____			
843	Capacity Award Withdrawal / Version _____			
843	Firm Transportation and Storage Capacity Bid Review / Version _____			
843	Firm Transportation and Storage Capacity Bid Review Withdrawal / Version _____			
846	Response to Upload of Request for Download of Posted Datasets / Version _____			
846	Upload of Request for Download of Posted Datasets / Version _____			
850	Nomination / Version _____			
850	Request for Confirmation-Pipeline Receiver / Version _____			
850	Request for Confirmation-Pipeline Sender / Version _____			
855	Confirmation Response / Version _____			
855	Nomination Quick Response / Version _____			
860	Pre-Determined Allocation / Version _____			
864	System-Wide Notices / Version _____			
865	Allocation Statement / Version _____			
865	Pre-Determined Allocation - Quick Response / Version _____			
865	Scheduled Quantity / Version _____			
867	Measurement Information / Version _____			

A Functional Acknowledgment (Transaction Set 997) is required for each Document.

Reference is made to the Electronic Data Interchange Trading Partner Agreement between the undersigned pursuant to which this EDI Exhibit is executed.

Company

Name/Title/Date

Company

Name/Title/Date



GAS INDUSTRY STANDARDS BOARD
GISB EXECUTIVE COMMITTEE MEETING
MEETING MATERIALS
AUGUST 13, 1997

RECOMMENDED ACTIONS ON NEW REQUESTS

- A summary of the new requests and the Triage Group recommended direction to the appropriate subcommittee and a recommended priority assigned by the Triage Group will follow shortly. The full requests can be accessed from the GISB Home Page in the "REQUESTS FOR STANDARDS" area. The Triage Group recommendations and discussion can be accessed from the minutes of their meetings, also to be accessed from the GISB Home Page in the "TRIAGE" area.
- The new requests for scope determination are R97108 and any other requests received prior to August 6. **The Executive Committee, through a simple majority vote, should determine for each new request that the request is within scope. If found within scope, the request is then forwarded to the Triage Group for assignment.**
- The Triage Group is composed of the Business Practice Subcommittee chairs -- Greg Lander, Bob Wallenhorst, Norm Walker, Kirt Kleinman and Kristine Mespelli, and is responsible for assigning the request to a subcommittee or task force for development of a proposed standard with a corresponding recommended priority, or recommending to the Executive Committee that action on the request be postponed, or that the Executive Committee has threshold issues to resolve before proceeding.
- The Triage Group recommendations and priorities are for requests R97008 and others received before August 6. **In considering the recommendations from the Triage Group, the Executive Committee, through a simple majority vote, should determine the direction of the request to a subcommittee and the priority.**



GAS INDUSTRY STANDARDS BOARD
GISB EXECUTIVE COMMITTEE MEETING
MEETING MATERIALS
AUGUST 13, 1997

PROCESS SUBCOMMITTEE ISSUES

- The draft Business Practices, Affiliated Group, and Triage Subcommittee Procedures (provided in this section, but possibly changed as a result of the Process Subcommittee meeting) will be reviewed with discussion from the Process Subcommittee. The draft procedures may be in such a form that **the Executive Committee may be asked for a procedural vote to adopt.**
- An Executive Committee member raised the issue of: "Should interpretation requests be triaged first instead of the current practice of immediately sending the request to the Interpretation Subcommittee?" This will be discussed at the Process Subcommittee meeting prior to the Executive Committee meeting and the results of the discussion will be reported.

Business Practice Subcommittee Mission

The Business Practice Subcommittee is a subcommittee of GISB whose mission is to receive those Requests for Standards and other requests for action pertaining to issues involving the potential change to or adoption of a GISB Standard involving an existing or proposed business practice standard as 5 forwarded to it by the GISB Executive Committee; to solicit input as to the source and nature of the circumstances giving rise to the Request for Standard or EC formulated request for action; and, working in conjunction with other subcommittees within GISB, to develop standards; or, other recommendations (with respect to the processing of such matter forwarded to it for processing) for review and determination by the GISB Executive Committee. The Business Practices Subcommittee is primarily tasked with 10 assessing and addressing those Requests for Standards or portions thereof involving the "what", "whether", "who" and "why" questions of a business practice nature.

Composition of the Business Practice Subcommittee

The Business Practice Subcommittee is comprised of members of the industry interested in participating in meetings to discuss the resolution and disposition of the matters referred to the Business Practice 15 Subcommittee by the EC. There is no requirement that a member of the Business Practices Subcommittee be a GISB Member. The Business Practices Subcommittee has five Co-chairs; one from each of the five GISB Segments. These Co-Chairs are GISB Members with dues paid; are selected from time to time by the Executive Director from among those persons who are GISB Board Members, GISB EC Members and/or GISB EC Alternates and continue to serve thereafter at the pleasure of the EC 20 Members of their respective segments. Meetings of the Business Practice Subcommittee shall be chaired by one or more of the Co-chairs as determined by the Co-Chairs from time to time.

Business Practice Subcommittee Procedures

Meetings and Voting:

The Business Practice Subcommittee will meet on a regularly scheduled basis, if outstanding requests 25 merit meeting, with a preference for telephone conferences. The schedule of meetings will be noticed on the GISB homepage and will be open to any participant. When votes are taken, the members of the Business Practice Subcommittee are the voting members of the subcommittee. Votes with respect to Standards and recommendations are to be recorded by polling each member of the Business Practice Subcommittee then present during the meeting. Members not present at the time of a vote will not have 30 their vote counted. Upon request of any member of the Business Practice Subcommittee at any time reasonably proximate to a vote, a segment check will be performed. A segment check tallies the previous or upcoming vote on a vote-by-segment-basis. All votes will be recorded in the minutes and all votes for which there has been requested a segment check will be recorded by individual, company, segment and yea, nay, absent, or not voting. All voting, whether by means of segment check or not are 35 on a one-company (as same is recorded on the sign-in sheet) one-vote basis.

Processing Requests for Standard:

1. A Request for Standard once forwarded by the EC to the Business Practice Subcommittee, shall be noticed by posting on the GISB homepage and will be discussed during at least one meeting. During the first meeting to discuss a Request for Standard the subcommittee members and 40 participants will discuss the matter under consideration and seek from the requester and other interested parties their views on the matter and the circumstances giving rise to the request. Issues and potential resolutions will be discussed and recorded in the minutes of the subcommittee.

- 45 2. During this first meeting in which a request is discussed or during any subsequent meeting when the subject request has been noticed as being on the agenda the subcommittee may determine:
- 2.1 In conjunction with the requester, that the request has been satisfied through the discussion and the requester determines to withdraw the request, in a writing to the GISB Office;
- 50 2.2 That a proposed standard be drafted and if so drafted and voted upon, will be posted on the GISB homepage and, where requested by a member of the Business Practices Subcommittee, may also be added to the next agenda of the Business Practices Subcommittee for discussion and disposition at the next scheduled meeting of the Business Practice Subcommittee;
- 55 2.3 That a proposed recommendation for disposition be drafted and if so drafted and approved by a majority of the members present and voting, will be posted on the GISB homepage for comment and will be added to the agenda of the next scheduled EC meeting following a reasonable comment period specified in the proposed recommendation giving due consideration by the Business Practice Subcommittee Co-chairs to the nature of the matter to be forwarded to the GISB Executive Committee;
- 60 or,
- 2.4 That additional information, research, or input is needed from the requester or other knowledgeable parties including other GISB subcommittees or task forces before proceeding with processing the Request for Standard (in which event the item remains within the purview of the Business Practice Subcommittee and may be placed upon the
- 65 agenda with reasonable notice via posting on the GISB homepage).
3. Once a proposed standard has been posted on the GISB homepage and added to the agenda of the next scheduled meeting of the Business Practices Subcommittee; during the first meeting following the posting; or, during any subsequent meeting when the subject request has been noticed as being on the agenda, the subcommittee may determine:
- 70 3.1 In conjunction with the requester, that the request has been satisfied through the discussion and the requester determines to withdraw the request, in a writing to the GISB Office;
- 3.2 That the proposed standard be adopted, amended or rejected by a vote of the members of the subcommittee and forwarded to the EC pursuant to the procedures in 3.4 below;
- 75 or,
- 3.3 That additional information, research, or input is needed from the requester or other knowledgeable parties including other GISB subcommittees or task forces before proceeding with processing the Request for Standard; and,
- 3.4 Where so voted upon pursuant to 3.2 above, the proposed standard will be posted on the
- 80 GISB homepage for industry comment (regardless of the outcome of the vote) along with the recommendation of the Business Practice Subcommittee all upon a form approved by the Process Subcommittee from time to time; and, the matter will be added to the agenda of the next scheduled EC meeting following a reasonable comment period specified in the proposed recommendation giving due consideration by the Business Practice Subcommittee Co-chairs to the nature of the matter to be forwarded to the GISB
- 85 Executive Committee.

4. In the event of a determination under 2.4 or 3.3 above, a) the Business Practice Subcommittee member(s) seeking additional information may solicit material from sources of their choosing (including but not limited to GISB meeting minutes and transcripts); and/or b) a Chair may request of the GISB office that a formal request for material be forwarded to the chair(s) of the applicable GISB Subcommittee or task force.
- 90
5. In the event of a determination under 2.2 above, the draft standard will be generated and posted sufficiently in advance of the next scheduled meeting of the Business Practice Subcommittee that it is reasonable that interested parties may have an opportunity to review the draft standard and provide comment (written or verbal) at the next scheduled meeting of the Business Practice Subcommittee. Meeting minutes will close with the agenda of proposed items for discussion at the next scheduled meeting.
- 95

Completion of the Request for Standards Process:

6. Action by the EC determines whether or not a Request for Standard has been processed to completion.
- 100
- 6.1 The EC, at any scheduled EC meeting may, by a majority vote, discharge a draft proposed standard or a Request for Standard from the Business Practice Subcommittee. Upon such vote to discharge, the EC may place the matter on its next agenda for review and a determination by the EC. The matter so discharged pursuant to this section 6.1 will be posted for industry comment in advance of the EC meeting at which it will be discussed.
- 105
- 6.2 The EC, upon receipt of a matter from the Business Practice Subcommittee pursuant to section 3.3 may accept or modify the recommendation; and if so, the matter shall be deemed to have been processed to completion.
- 6.3 The EC, upon receipt of a matter from the Business Practice Subcommittee pursuant to section(s) 3.2 or 6.1 may determine to accept, modify or reject the draft interpretation; and if so, the matter shall be deemed to have been processed to completion.
- 110
- 6.4 The EC, upon receipt of a matter from the Business Practice Subcommittee pursuant to section 2.3 or 3.2 may determine to refer the matter back to the Business Practice Subcommittee with instructions; and if so, the matter shall be deemed to be an open matter requiring further processing by the Business Practice Subcommittee.
- 115
- 6.5 The requester of an interpretation may withdraw their Request for Standard. Upon withdrawal, work upon that numbered request shall cease without prejudice to subsequent action on a request pertaining to the same or related subject matter. Notice of withdrawal should be made a) at a meeting of the Business Practice Subcommittee (and included in the minutes thereof); b) at a meeting of the EC where it is scheduled for resolution or discussion (and included in the minutes thereof); or c) in writing to the GISB Office which shall forward such notice to the Business Practice Subcommittee and/or EC as applicable. Requests for Standard may not be withdrawn after a final vote of the EC upon the matter.
- 120
- 125
- 6.6 A Request for Standard shall be deemed to have been processed to completion upon the occurrence of a) a vote of the EC pursuant to section(s) 6.2 or 6.3; or b) the receipt and recording of a notice of withdrawal pursuant to section 6.5.

Triage Subcommittee Mission

The Triage Subcommittee is a subcommittee of GISB whose mission is to receive those Requests for Standards as forwarded to it by the GISB Office; to solicit input as to the source and nature of the circumstances giving rise to the Request for Standard; and, to make a recommendation to the Executive Committee of GISB as to the manner in which the Request for Standard should be processed, including 5 1) any questions which should be addressed by the requester at the meeting(s) during which the request is processed; 2) the priority for action with which the request should be addressed; and 3) a recommended "completion of action" or "report as to progress" date. These recommendations shall be in writing and forwarded to the GISB Executive Committee for its review and determination. The Triage 10 Subcommittee is primarily tasked with assessing and addressing the best manner for processing Requests for Standards submitted to GISB.

Composition of the Triage Subcommittee:

The Triage Subcommittee is comprised of the five Co-Chairs of the Business Practices Subcommittee. Members of the industry interested in participating in meetings to discuss the recommended disposition of 15 the matters referred to the Triage Subcommittee are invited to do so. There is no requirement that a participant in the meetings of the Triage Subcommittee be a GISB Member. Meetings of the Triage Subcommittee shall be chaired by one or more of the Co-chairs as determined by the Co-Chairs from time to time.

Triage Subcommittee Procedures

20 Meetings and Voting:

The Triage Subcommittee will meet at least once prior to each regularly scheduled Executive Committee meeting, if there are new outstanding requests, and at other times as reasonably necessary to process new Requests for Standard(s) in advance of an Executive Committee meeting to determine the manner of processing of such Requests. The preferred manner of conducting the meetings of the Triage 25 Subcommittee is by means of telephone conferences. Unless otherwise requested by the Executive Committee, the schedule of meetings will be noticed on the GISB homepage and will be open to any participant. When votes are taken, the members of the Triage Subcommittee are the voting members of the subcommittee. Votes with respect to Standards and recommendations are to be recorded by polling each member of the Triage Subcommittee then present during the meeting. Absence of at least three 30 votes in favor of a particular recommendation will require a polling of the member(s) not present at the time of a vote; and, such member(s) will vote by notational ballot or by voice vote delivered to the GISB Executive Director and recorded at the GISB Office with the minutes of the Triage Subcommittee meeting at which the subject request(s) were disposed of.

Processing Requests for Standard:

35 The Executive Committee may adopt, modify, reject a recommendation of the Triage Subcommittee. In the event of a rejection, the Executive Committee will make its own determinations as to the processing of a Request for Standard. The Executive Committee may also refer the recommendation back to the Triage Subcommittee with instructions. In the event of such referral, the Triage Subcommittee will then process that Request for Standard prior to the next Executive Committee meeting and formulate a 40 recommendation taking consideration of the instructions of the Executive Committee.

Proposed GISB Operating Procedures
with respect to GISB Affiliated Group Meetings, Agendas and the
working of a GISB Affiliated Group on matter(s) not yet assigned a Request Number

5 **Applicable to:** All GISB Subcommittees, GISB Task Forces , or GISB Task Forces under a GISB Subcommittee (hereafter a GISB Affiliated Group),

10 **Meetings:** GISB Affiliated Group(s) in-person meetings should be noticed at least a week in advance of the meeting and teleconference-only meetings should be noticed at the preceding meeting and least a business day in advance of the meeting. Where a teleconference-only meeting was not noticed at the preceding meeting of the GISB Affiliated Group, a notice period of several business days is requested.

15 Where possible, in-person meetings should provide for attendance by teleconference. Teleconferences may be arranged by notifying the GISB Office and obtaining a teleconference call-in number. At an in-person meeting, the chair of the GISB Affiliated Group, will also call-in to the teleconference number (via a speakerphone) so as to admit the teleconference attendees by phone and permit interaction between the in-person attendees and the by teleconference attendees.

20 **Agendas:** Agendas for all GISB Affiliated Groups' meetings should be generated by the GISB Affiliated Group's Chair(s) and posted on the GISB Homepage sufficiently in advance of the meeting to allow persons accessing the Homepage on a daily basis to identify the existence of the meeting, identify the issues to be discussed (by Request number) and be able to attend. Exceptions to this may be granted by the indulgence of the Executive Committee.

Work by a GISB Affiliated Group on a matter not related to a specific GISB Office-assigned Request Number:

25 There are three kinds of GISB Affiliated Groups. Those with a business practice review and recommendation charge, those without such a charge, and the Interpretations Subcommittee. Examples of the first of these, Groups assigned to identify and resolve business practice issues, (Type 1) are: a) the Business Practice Subcommittee (the BPS) (or any joint meeting of the BPS with any other GISB Affiliated Group and/or, established under the BPS, i.e., the Definitions Task Force); b) the Title Transfer Tracking Task Force; c) the Intra-day Task Force; d) the Contracts Subcommittee (and under same, the Model Trading Partner Agreement Task Force, the Funds Transfer Agreement Task Force, and the Short-term Gas Purchase Agreement Task Force); plus e) any future GISB Affiliated Group formed at the direction of the Executive Committee (the EC) and charged with resolving business practice issues within the scope of their charge from the EC.

40 The second of these GISB Affiliated Groups are those assigned to receive requests for which there are no new business practice issues or with respect to which the business practice issues have been addressed by a duly constituted business practice review committee (a thru e above) and which matter is then slated to be "Fully Staffed" prior to its circulation for industry comment and return to the EC for final vote. Examples of this second type of GISB Affiliated Group (Type 2) are: 1) the Information Requirements Subcommittee, 2) the Technical Subcommittee, 3) the Future Technology Task Force, 4) the Common Codes Task Force, 5) the Standards Adoption and Testing Procedures Task

45 Force (proposed), and such other GISB Affiliated Group as constituted by the EC and not charged with the resolution of business practice issues.

The third of these GISB Affiliated Groups is the Interpretations Subcommittee. While it deals with the interpretations of GISB Standards, which standards may impact business practices, it is not charged with the creation of new business practices. Rather, it is charged with interpreting the applicability of GISB Standards to current business practices, and conversely, the conformity of existing business practices with GISB Standards. Additionally, while the interpretations Subcommittee may determine that one or more business practices are not in keeping with a GISB Standard(s) (and that other(s) are), it may not propose (as an Interpretation response) new GISB business practice standards (i.e., X.1.X, X.2.X, X.3.X, or X.4.X standards).

Should any GISB Affiliated Group with a business practice charge (Type 1 above), find itself discussing a matter which has not been assigned a GISB Request number yet which is within the charge of the group, it may continue with the discussion of the matter (without reaching a resolution) during the subject meeting. Such discussion and any action items related to such matter will be recorded in the minutes of the GISB Affiliated Group. Should it be determined that further discussion is warranted or a resolution is desired, the Chair(s) of the GISB Affiliated Group, with a majority consent of the members of the GISB Affiliated Group, may place the item on subsequent agenda(s) of the Group and process the matter(s) to resolution. Absent a majority consent of the group to so process the matter, the GISB Affiliated Group Chair(s) may determine to draft a Request for Standard (or a Request for Clarification or Interpretation, as applicable) and submit same to the GISB Office. In the event such a drafting of a Request for Standard and/or Interpretation is the selected course of action, further discussion of the matter will then await processing by the GISB Office and/or the Executive Committee, as applicable.

Should any GISB Affiliated Group not having a business practice charge, (Type 2 above) find itself discussing a matter which has not been assigned a GISB Request number, it may continue with the discussion of the matter (without reaching a resolution) during the subject meeting. Such discussion and any action items related to such matter will be recorded in the minutes of the GISB Affiliated Group. Should it be determined that further discussion is warranted or a resolution is desired, the Chair(s) of the GISB Affiliated Group, may determine to draft a Request for Standard (or a Request for Clarification or Interpretation, as applicable) and submit same to the GISB Office. In the event such a drafting of a Request for Standard and/or Interpretation is the selected course of action, further discussion of the matter will then await processing by the GISB Office and/or the Executive Committee, as applicable.

Should the Interpretations Subcommittee find itself discussing a matter which has not been assigned a GISB Clarification number, it may continue with the discussion of the matter (without reaching a resolution) during the subject meeting. Such discussion and any action items related to such matter will be recorded in the minutes of the Interpretation Subcommittee. Should it be determined that further discussion is warranted or a resolution is desired, the Chair(s) of the Interpretation Subcommittee, may determine to draft a Request for Clarification or Interpretation and submit same to the GISB Office. In the event such a drafting of a Request for Clarification or Interpretation is the selected course of action, further discussion of the matter will then await processing by the GISB Office. Absent the drafting of such a request by the Chair(s) or other person(s), the matter will not be placed on the agenda nor otherwise discussed at a subsequent meeting of the Interpretations Subcommittee. Thus, the Interpretation Subcommittee will follow the

95 request generation practices of the non-business practice GISB Affiliated Groups with respect to any interpretation response not related to a matter which was referred to it for resolution. This means that a matter not related to a current request before the Interpretations Subcommittee will await the drafting of a specific Request for Clarification or Interpretation prior to further processing of the matter.

100 Should any matter arising within the discussions of a GISB Affiliated Group be submitted as a Request to the GISB Office and processed in such a manner as it is referred to a GISB Affiliated Group other than the GISB Affiliated Group initiating the request, members of the subject Group are encouraged to attend and participate in the deliberations of the Group to which it was assigned.

GISB Affiliated Group-Initiated Requests for Standard(s) or Clarification/Interpretation:

105 Upon assignment by the GISB Office of a Request Number to such a request, the GISB Office will refer such request to the appropriate GISB Subcommittee (Triage or Interpretations). Such request will be then handled in the same manner as all other similar requests.



GAS INDUSTRY STANDARDS BOARD
GISB EXECUTIVE COMMITTEE MEETING
MEETING MATERIALS
AUGUST 13, 1997

SEPTEMBER 1 REPORT TO THE FERC & FERC DISCUSSIONS

- The attachment outlines the plan for preparing the September 1 report to the FERC, which is already underway.
- Requests C97012 and C97013 are recommended to be transferred to the Business Practices Subcommittee.
- A conversation held with FERC staff on July 11 will be reviewed.



Gas Industry Standards Board

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July 22, 1997

TO: Chairs of the Business Practices Subcommittee, Title Transfer Tracking Task Force, Intraday Task Force, OBA Task Force, Future Technology Task Force, Dennis Holbrook, Laurie Paulson

FROM: Mike Bray, Chairman, Executive Committee
Rae McQuade, Executive Director

RE: Preparation of Materials for the September 1 Report as specified in the Order 587 series

The time is approaching to prepare the September 1 report to the FERC. As discussed in the June meeting of the Executive Committee, please draft responses to the following questions for Dennis Holbrook to place in a report to the FERC. The GISB September 30, 1996 filing with the FERC, specifically volume I will be used as the format by Dennis. The report will be reviewed and approved by the Editorial Review Board before submittal to the FERC on September 1. If we have set the assignments incorrectly, please notify the GISB office. If you are unable to meet the timelines listed below, please notify the GISB office directly so that other arrangements can be made. Please contact the GISB office to set up chairs' conference calls if needed in your drafting process.

The timeline for events is as follows:

August 15 All written responses should be sent to the GISB office from the chairs of the subcommittees or task forces to which they are assigned.

August 22 The draft report prepared by Dennis Holbrook should be forwarded to the Editorial Review Board for their comments and approval. An Editorial Review Board conference call will be set up if needed before August 29.

September 1 The report is filed with the Commission and made available on the home page for public access.

The assignments as we know them are as follows:

Chairs of the Business Practices Subcommittee:

1. Item 2 in the attachment. If there are no standards to be reported, then state the progress made, the context in which the progress was made, and expected results and when they should occur.
2. Items 3 and 4 in the attachment. If there are no standards to be reported, then state the progress made, the context in which the progress was made, and expected results and when they should occur.
3. Item 6 in the attachment. If there are no standards to be reported, then state the progress made, the context in which the progress was made, and expected results and when they should occur.
4. Update on plans for GISB standards for Uploads of Capacity Release Offers and Bidding, as referred to in Order 587D. We realize that we have not yet addressed the issues of Uploads of Capacity Release Offers and Bidding over the Internet, either through EDI or on-line, but a response is needed for the September 1 report. The reference to capacity release is through the phrase "*the Commission can substitute standardized communication modalities for the requirement for pipelines to maintain EBBs.*"

The full text of the reference can be seen Order 587D, pp 6-10, and an excerpt is provided below:



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"Given the importance of developing standardized communications, the Commission expects GISB and the industry to move forward rapidly to complete the standardization process so that the Commission can substitute standardized communication modalities for the requirement for pipelines to maintain EBBs. The Commission requests a report by GISB, and others who may wish to comment, by September 1, 1997 on the extent of their progress and the contemplated completion date."

Chairs of Title Transfer Tracking:

5. Update on the progress of the Title Transfer Tracking Task Force efforts. If there are no standards to be reported, then state the progress made, the context in which the progress was made, and expected results and when they should occur.

Chairs of Intraday Task Force:

6. Item 1 in the attachment. If there are no standards to be reported, then state the progress made, the context in which the progress was made, and expected results and when they should occur.

Chairs of the OBA Task Force:

7. Item 2 in the attachment. If there are no standards to be reported, then state the progress made, the context in which the progress was made, and expected results and when they should occur.
8. Items 3 and 4 in the attachment. If there are no standards to be reported, then state the progress made, the context in which the progress was made, and expected results and when they should occur.

Chairs of the Future Technology Task Force:

9. Item 6 in the attachment. If there are no standards to be reported, then state the progress made, the context in which the progress was made, and expected results and when they should occur.

We want to thank you for the leadership you have shown in our organization. While this is another task on top of an already overly burdensome list, it is an opportunity for us to show the Commission and the industry what we have done in a very short time frame. please feel free to call either of us if you have any comments on the process outlined or the specifics of any of the assignments.

Sincerely,

M. D. Bray
Chairman, GISB Executive Committee

Rae McQuade
Executive Director, GISB

cc: Bill Boswell



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ATTACHMENT TO THE GISB CORRESPONDENCE DATED JULY 22, 1997

June 10, 1997

TO: Working Material for the Executive Committee regarding the GISB September 1, 1997 Report to the FERC

FROM: Rae McQuade, Executive Director

RE: Review of Requirements for the September 1 Report as specified in the Order 587 series

In a cursory review of the Order 587 series (Orders 587, 587-A, 587-B, 587-C, 587-D, 587-E), several references to FERC requests for reports on GISB action to be included in the September 1, 1997 report were highlighted:

1. Additional Intraday Standards -- Order 587-C, Section II.B.1, pp 10-14.

The Commission has asked for additional intraday standards that achieve the needed uniformity in the intra-day nomination process:

"In order to achieve the efficiencies that derive from uniform nomination procedures, greater standardization of intra-day nomination procedures clearly is required. Clarification of the intended meaning of Standard 1.3.32 may not create the needed standardization, and the focus, therefore, should not be on clarifying the existing standard, but on achieving the needed uniformity in the intra-day nomination process."

2. Clarification of terms for OBA Standard 2.3.29 -- Order 587-C, Section II.B.2, pp. 14-16.

The term to which the FERC has requested clarification is "economically and operationally feasible" as used in GISB Standard 2.3.29:

2.3.29 At a minimum, transportation service providers should enter into Operational Balancing Agreements at all pipeline-to-pipeline (interstate and intrastate) interconnects, where economically feasible.

Some of the discussion points made in Order 587-C are:

"While the Commission finds that standards requiring OBAs and netting of imbalances are necessary, the use of the terms "economically and operationally feasible" and "similarly situated financial and operational implications" do not define precisely enough the pipelines' obligations under the standards."

"Rather than attempting to deal with the meanings of these terms in individual compliance filings, GISB needs to define precisely the circumstances in which pipelines can decline to permit the netting of imbalances. Therefore, the Commission will not be accepting this standard in this rule and will give GISB until September 1, 1997 to clarify these standards."

3. Clarification of terms for Imbalance Standard 2.3.30 -- Order 587-C, Section II.B.2, pp. 14-16.

The term to which the FERC has requested clarification is "similar financial and operational implications" as used in GISB Standard 2.3.30:

2.3.30 All transportation service providers should allow service requesters (in this instance, service requester excludes agents) to net similarly situated imbalances on and across contracts with the service requester. In this context, "similarly situated imbalances"



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includes contracts with substantially similar financial and operational implications to the transportation service provider.

Some of the discussion points made in Order 587-C are:

"While the Commission finds that standards requiring OBAs and netting of imbalances are necessary, the use of the terms "economically and operationally feasible" and "similarly situated financial and operational implications" do not define precisely enough the pipelines' obligations under the standards."

"If "financial" in Standard 2.3.30 refers to the rate paid for service, for instance, there seems no basis for treating a discounted contract differently from a full-rate contract in the terms of netting imbalances."

"Rather than attempting to deal with the meanings of these terms in individual compliance filings, GISB needs to define precisely the circumstances in which pipelines can decline to permit the netting of imbalances. Therefore, the Commission will not be accepting this standard in this rule and will give GISB until September 1, 1997 to clarify these standards."

4. Summary of Requirements for reporting from Order 587-C -- Order 587-D, pp. 3-4.

The Commission gave reasons why clarifications were needed for GISB Standards 1.3.2, 2.3.29, and 2.3.30:

"The Commission, however, declined to adopt three standards (dealing with intra-day nominations, imbalances, and operational balancing agreements (OBAs) ⁴ because the pipelines' obligations under these standards were not clear, and the Commission's experience with the previous standards showed that adoption of imprecise standards can sometimes cause more harm than good. The Commission concluded that standards in these areas were needed and gave the industry and GISB until September 1, 1997 to develop standards that delineate clearly the pipelines' obligations in these areas.

⁴ Standards 1.3.32, 2.3.39, and 2.3.30.

5. Rationale for September 1 deadline for GISB report to the FERC -- Order 587-D, p 7.

The Commission gave reasons for the September 1 deadline for the GISB report to the FERC:

This deadline also is necessary for the Commission to learn within a reasonable time frame whether the industry can resolve these issues on its own or whether the Commission needs to institute procedures to resolve these disputes. If the industry is unable to reach agreement on these standards, postponing the deadline will only lead to even further delay in implementing these needed standards.

6. Additional Electronic Delivery Mechanism Standards -- Order 587-D, Section B.2, pp. 6-10.

Regarding GISB Standards 4.3.5 and 4.3.6:

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

4.3.6 By August 1, 1997 Transportation Service Providers should establish a HTML pages) accessible via the Internet's World Wide Web. The information that is currently provided should be posted is as follows:

- 1) Notices (critical notices, operation notices, system wide notices, etc.)
- 2) FERC Order 566 affiliated marketer information. (affiliate allocation log, 24 hr. discount postings. etc.)



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- 3) Operationally and unsubscribed capacity
- 4) Index of customers
- 5) Transportation Service Provider's tariff (Terms, conditions and rates), or general terms and conditions.

and

Transportation Service Providers should make all pertinent EBB functions and information available via the Internet or via the technology recommended by GISB within a reasonable amount of time after each such function or information has become standardized as appropriate by GISB.

and

Within a reasonable amount of time, all EBB information, functions and transactions should be achieved via one mode of communications. Information and functions should remain available through existing systems until one mode of communication is available. Implementation timelines for this activity would be determined during the 1997 annual planning activities held in 1996.

The request from the Commission for inclusion in the September 1, 1997 report is:

"Given the importance of developing standardized communications, the Commission expects GISB and the industry to move forward rapidly to complete the standardization process so that the Commission can substitute standardized communication modalities for the requirement for pipelines to maintain EBBs. The Commission requests a report by GISB, and others who may wish to comment, by September 1, 1997 on the extent of their progress and the contemplated completion date."



GAS INDUSTRY STANDARDS BOARD
GISB EXECUTIVE COMMITTEE MEETING
MEETING MATERIALS
AUGUST 13, 1997

DEFINITIONS TASK FORCE UPDATE

- Jean Ford will update the committee on the progress made by the Definitions Task Force, the procedures used by the task force, and several issues that have been raised during the meetings held.



GAS INDUSTRY STANDARDS BOARD
GISB EXECUTIVE COMMITTEE MEETING
MEETING MATERIALS
AUGUST 13, 1997

ANNUAL MEETING UPDATE

- The draft agenda for the annual meeting for 1997 is attached.
- Keith Sappenfield will review the progress made on planning.
- PanEnergy has offered to provide golf gifts to the golf participants. Any other companies wanting to provide golf gifts should contact the GISB office.



**GAS INDUSTRY STANDARDS BOARD
1997 ANNUAL MEETING AGENDA**

**THE MENGER HOTEL, 204 ALAMO PLAZA, SAN ANTONIO, TEXAS 78205
SEPTEMBER 29, 30, OCTOBER 1, 1997**

MONDAY, SEPTEMBER 29, 1997

10:00 a.m. - 5:00 p.m.

REGISTRATION

Registration

1:00 - 6:30 p.m.

GENERAL SESSION

Welcome to San Antonio

Introductions by Mr. Keith Sappenfield, Director of Transportation, NorAm Energy Services
Mr. Charles Oglesby, President & CEO, NorAm Trading & Transportation Group

Antitrust Statement

Mr. Dennis Holbrook, General Counsel for GISB

Meeting of the Members and State of the Association

Mr. Randall L. Couch, Chairman, GISB Board of Directors and Vice President, Amoco Natural
Gas

Mr. Mike Bray, Chairman, GISB Executive Committee and Vice President, Duke Energy

Survey Results for 1997

Mr. Jim Standley, Director, Corporate Planning, PI/Dwights

GISB Five Year Plan

Mr. Rod Sipe, Senior Partner, Ernst and Young

Regulatory and Legislative Speakers

Moderated and Introductions by Ms. Sheila Hollis, Partner, Duane, Morris & Heckscher, LLP
Commissioner Bruce Ellsworth, New Hampshire Public Utilities Commission
Commissioner Vince Majkowski, Colorado Public Service Commission
Commissioner Raul Monteforte, Commission Reguladora de Energia (Mexico)

Department of Energy

Introductions by Ms. Sheila Hollis, Partner, Duane, Morris & Heckscher, LLP
Department of Energy Executive Representative (invited)

Keynote Address

Introductions by Ms. Sheila Hollis, Partner, Duane, Morris & Heckscher, LLP
Commissioner William Massey, Federal Energy Regulatory Commission

6:30 - 10:00 p.m.

EVENING EVENTS

Reception at the Menger Hotel

Golf Awards

Awards to be presented by Keith Sappenfield, Director of Transportation, NorAm Energy
Services

Dinner honoring Speakers and Sponsors at the Menger Hotel

Special Speaker

Introduced by Ms. Rae McQuade, Mr. Randy Couch
Chairman Roland Priddle, National Energy Board of Canada



**GAS INDUSTRY STANDARDS BOARD
1997 ANNUAL MEETING AGENDA**

**THE MENGER HOTEL, 204 ALAMO PLAZA, SAN ANTONIO, TEXAS 78205
SEPTEMBER 29, 30, OCTOBER 1, 1997**

TUESDAY, SEPTEMBER 30, 1997

7:30 - 8:30 a.m.

REGISTRATION

Registration

8:30 a.m. - Noon

GENERAL SESSION

GISB Standards Implementation

Moderation by Mr. Keith Sappenfield, Director of Transportation, NorAm Energy Services
Mr. Norm Walker, Manager, Gas Scheduling, El Paso Natural Gas
Ms. Shelley Corman, Vice President, Regulatory Affairs, Enron Gas Pipeline Group
Mr. Greg Lander, President, TransCapacity
Mr. Lee Smith, Vice President, Gas Supply, Midland Cogeneration Venture
Mr. Mike Novak, Assistant General Manager, National Fuel Gas Distribution
Mr. Walker Lowry, Manager Pilot Development, NrG Information Services
Mr. Jerry Hahn, Vice President, Texaco Natural Gas

Honored Speaker Address

Introductions by Mr. Keith Sappenfield, Director of Transportation, NorAm Energy Services
Mr. Mark Shields, Principal Political Analyst, "The News Hour with Jim Lehrer" and Moderator,
"The Capital Gang"

Noon

LUNCHEON:

Plate lunch provided for attendees not golfing
Box lunches will be provided to golfers on the golf carts

1:00 - 7:00 p.m.

RELAXATION PROGRAM

1:30 - 6:30 p.m.

AFTERNOON EVENTS

Golf Outing - Shot Gun Start, Best Ball Scramble, La Cantera Golf Course at Fiesta, Texas
Transportation leaves the hotel at 12:15 p.m. (15 minutes from the hotel)

7:00 - 11:00 p.m.

EVENING EVENTS

GISB Reception at the Menger Hotel
Casino Night at the Menger sponsored by NrG Information Services



**GAS INDUSTRY STANDARDS BOARD
1997 ANNUAL MEETING AGENDA**

**THE MENGER HOTEL, 204 ALAMO PLAZA, SAN ANTONIO, TEXAS 78205
SEPTEMBER 29, 30, OCTOBER 1, 1997**

WEDNESDAY, OCTOBER 1

8:30 - 11:30 a.m.

GENERAL SESSION

The Outlook for GISB

Introductions and Moderation by Keith Sappenfield

Mr. Stan Horton, Chairman and CEO, Enron Gas Pipeline Group

Producer Representative to be announced

Mr. Steve Salato, Senior Vice President, Operations, MidCon Gas Services Corp.

Mr. Jim Templeton, Principal, Comprehensive Energy Services Inc.

Mr. Andrew Sonderman, Secretary and General Counsel, Columbia Gas Distribution Cos.

Technical Panel - The Future of GISB

Introductions and Moderation by David Keller, President, EnergyNet

Mr. Jim Buccigross, General Counsel, TransCapacity

Mr. Carl Caldwell, Lead Analyst, DeLoitte and Touche

Mr. Jim Vander Noot, Principal, El Paso Energy

11:30 - 4:00 p.m.

BREAKOUTS

Breakout Sessions (8)

Various firms providing services to support the implementation of GISB standards will have breakout rooms identified. (NrG Information Services, TransCapacity and Duke Energy has already requested rooms, the notice has not yet been sent out)

4:00 p.m.

END OF PROGRAM

Program Concludes -- Conference and all sessions adjourned.

11:30 a.m. - 4:00 p.m.

BOARD MEETING

Board of Directors Meeting



**GAS INDUSTRY STANDARDS BOARD
GISB EXECUTIVE COMMITTEE MEETING
MEETING MATERIALS
AUGUST 13, 1997**

ELECTRONIC COMMUNICATIONS MATRIX REPORT

- A draft matrix on EDM usage will be discussed by Sylvia Munson, assigned as part of the GISB Annual Plan.
- At the July Executive Committee meeting, reflected in the draft minutes, participants were urged to review the matrix and supply written comments to Sylvia Munson of the GISB office prior to the August 13 meeting. Any comments that are received will be reviewed for potential changes to the matrix.

GISB Electronic Commerce Matrix

Member Company Name		Nominations Related Standards						Flowing Gas Related Standards						Invoicing Related Standards		
		850 Nomin- ation	855 Quick Resp	850 Rqst for Conf	855 Confirm -ation	865 Sched Qty - Service Reques ter	865 Sched Qty - Point Oprtr	860 Pre-det Alloc	865 PDA Quick Resp	865 Alloca- tion	811 Imbal	867 Meas Info	867 Meter Vol Audit Stmt	811 Invoice	820 Pmt Remitt	822 Stmt of Acct
	Sending															
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GISB Electronic Commerce Matrix

Capacity Release Related Standards

Member Company Name		840 Offer	843 Bid Review	843 Award	Replace - ment Capty	843 Withd Notice	Upload of Withd	of Pre- arrngd Deal	UPPD Valid- ation	840 Notifi- cation	832 Bidder Conf	Conf Valida- tion	567 Final Disp	Avail & Unsub- scribed	of Rqst for Dwnld	of Rqst for Dwnld	Syst Wide Notice	Notes / Special Inst	
	Sending																		
	Receiving																		
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GISB Electronic Commerce Matrix

Electronic Delivery Mechanism Related Standards and Issues

Member Company Name		Transactions via EBB	Transactions via ANSI X12 Internet	Transactions via ANSI X12 non Internet	Transactions - via proprietary file transfer	Utilizing 3rd party vendor	4.1.9 - Business Processing Rules posted	4.3.1 - Accepting a TCP/IP connection	4.3.2 - Timestamping	4.3.4 - Data Retention	4.3.6 - Postings on Web site	4.3.7 - Postings on public Internet	4.3.8 - Use of HTTP	4.3.15 - use of PGP
	Sending													
	Receiving													
	Sending													
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**GAS INDUSTRY STANDARDS BOARD
GISB EXECUTIVE COMMITTEE MEETING
MEETING MATERIALS
AUGUST 13, 1997**

SUBCOMMITTEE UPDATES

- Several subcommittees will update the Executive Committee on actions taken to address the action plan, request log, clarification log, and other activities.
- Each subcommittee chair should review the action plan, request log, and clarification log for updates.
- The action plan, request log, and clarification log are attached as supporting materials.



Gas Industry Standards Board 1997 Annual Plan

Vision:

GISB will serve as an industry forum for the development and promotion of standards which will lead to a seamless marketplace for natural gas.

Mission Statement:

The Gas Industry Standards Board mission is to develop and promote standards to simplify and expand electronic communications, and to simplify and streamline business practices which will lead to a seamless marketplace for natural gas. These standards will assist the natural gas industry in improving customer service, enhancing the reliability of natural gas service and increasing the competitiveness and efficiency of natural gas markets.

Strategic Intent:

- ✓ GISB will play a leadership role in developing, reviewing, adopting, setting, and maintaining standards for electronic data interchange and electronic transactions as well as other operating practices needed for the development of a seamless natural gas marketplace.
- ✓ GISB will develop and promote voluntary standards which help improve the ease with which parties can enter into gas business transactions. GISB will support the development of tools, such as Internet, EDI, dataset formats, which ease the implementation of its standards.
- ✓ GISB will serve an educational function to promote both the expansion of electronic commerce and the use of voluntary GISB standards.
- ✓ GISB will cooperate and coordinate with other standards organizations to establish common standards and protocols. GISB will seek to coordinate with North American energy organizations, reflecting the continental nature of the energy market, as they relate to GISB activities.

GISB Strategic Objectives:

GISB has identified nine strategic objectives for the 1997 time frame. In achieving these objectives, GISB will be guided by the mission statement and strategic intents defined above.

1. Implementation of the Standards Approved by GISB in 1996

GISB will make it a priority to support industry implementation of the GISB standards approved in 1996.

2. Development of Standards to Meet the Demands of the Marketplace Including Streamlined Critical Business Practices

GISB will identify and develop standards for business processes critical to the development of a seamless natural gas marketplace. This should create the opportunity for the marketplace to develop solutions to ease the operation of electronic delivery mechanisms (EDM).

3. Evaluate GISB Organizational Structure and Processes

GISB will review its internal processes and organizational structure on an ongoing basis to verify that it is meeting the needs of its membership and the marketplace.

4. Large Broadly Based Membership

GISB will continue to undertake tasks to develop to have broad based industry-wide support, participation and membership. A large and broadly based membership fulfills the need for financial stability of the organization as well as ensuring that adopted standards have met the needs of a large portion of the industry.

5. Successful Promotion and Implementation of Electronic Commerce

GISB will continue to streamline and enhance the efficiency of gas industry business processes by developing and promoting electronic commerce solutions and tools, which complement business transactions between trading partners.

6. Publication and Distribution of Standards and Work Products

GISB will produce documents such as standards publications, newsletters, and discussion papers. Publications will support GISB's goal of industry-wide acceptance and knowledge of GISB activities.

Gas Industry Standards Board

1997 Annual Plan

Approved by the Board of Directors -- December 11, 1996

7. Increased Public Awareness of GISB and Education Regarding its Products

GISB will increase its visibility by improved communications with regulators, members, potential members, Advisory Committee, and other voluntary standards organizations. Conferences and training sessions will be supported to promote the understanding and acceptance of GISB products in our industry and broaden the use of GISB standards.

8. Responsiveness to Industry Directions

GISB will utilize feedback from industry wide meetings, guidance from the Advisory Committee, and various information gathering tools to ensure that it produces the types of voluntary standards that are being used by all segments of the industry.

9. Funding Mechanisms

GISB will develop funding mechanisms to ensure the financial stability of the organization in pursuing its objectives.

Gas Industry Standards Board

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GISB 1997 Strategic Objective 1

Implementation of the Standards Approved by GISB in 1996

GISB will make it a priority to support industry implementation of the GISB standards approved in 1996.

Success Factors

- ✓ Recognized GISB standards, as referred to by individuals, companies, organizations and publications
- ✓ Market penetration of the use of the standards

Performance Measures

- ✓ Published documentation on each identified standard from the standards approved in 1996 by March 31, 1997.
- ✓ Improved rankings on the Dwight's survey regarding use of standards for the standards approved in 1996 by November 1997.
- ✓ Increased EDI and Internet usage as demonstrated on the Electronic Commerce Matrices as reported between April 1997 and December 1997.

Action Items

Req#	Action Item Description	Due Date ¹	Accountable	Status
1	Develop a mechanism for timely responses to requests for interpretation and clarification	3/97	EC,ISC,PSC	Completed Jan 97
2	Review existing interpretation process for streamlining opportunities	3/97	EC,ISC,PSC	In Progress
3	Define and implement standards regarding common codes (gas transaction points, entity codes)	3/97	CCSC, EC	Completed Jan 97
4	Review data elements with the usage codes of "business conditional" - and "mutually agreeable" for possible evolution of the usage into another category	6/97	EC, STF	Ongoing
5	Develop meaningful error messages	Ongoing	STF	In Progress
6	Maintain and enhance existing GISB standards pursuant to industry requests	Ongoing	STF, EC	In Progress

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Req#	Action Item Description	Due Date ¹	Accountable	Status
7	Define data elements and changes to standards manuals for incorporation of September 27 standards (43) , and any others before year-end 1996	3/97	STF,GS, EC, PSC, GC, BPSC	Complete Version 1.2 2/97

¹ Due dates are "on or before" dates. In many cases the action items with due dates of March 1997 are already in progress and needed for implementation of the standards for April, May and June 1997. This footnote applies to all due dates in the 1997 Annual Plan.

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GISB 1997 Strategic Objective 2

Development of Standards to Meet the Demands of the Marketplace Including Streamlined Critical Business Practices

GISB will identify and develop standards for business processes critical to the development of a seamless natural gas marketplace. This should create the opportunity for the marketplace to develop solutions to ease the operations of electronic delivery mechanisms (EDM).

Success Factors

- ✓ Recognized GISB standards, as referred to by individuals, companies, organizations and publications
- ✓ Market penetration of the use of the standards

Performance Measures

- ✓ Published documentation on each identified standard by December 1997.
- ✓ Increased standards usage and user satisfaction as demonstrated on the Dwight's survey and as demonstrated on the Electronic Commerce Matrices as reported between April 1997 and December 1997.

Action Items

Req #	Action Item Description	Due Date	Accountable	Status
8	Develop methods for categorization of requests and tracking status of requests	3/97	PSC, ED	In Progress
9	Respond to regulatory requests that affect GISB Standards	Ongoing	EC, ED, GC, BOD, PSC	Ongoing
10	Review plan for suggested changes in light of regulatory and industry requests that can affect this plan	6/97	EC, BOD	COMPLETE Ad. Comm mtg 1/29/97
11	Respond to requests for the development of new standards from the industry	Ongoing	EC, STF, PSC	Ongoing, stats prepared quarterly
12	Develop and maintain a glossary of terms	6/97	STF, GS	In Progress, draft being prepared by GS
13	Evaluate, test and recommend standards for title transfer tracking	9/97	TTTTPTTF	In progress, TF meets monthly

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Req #	Action Item Description	Due Date	Accountable	Status
14	Refine criteria for evaluation of requests for data elements	3/97	PSC, EC	COMPLETE Triage group formed 12-96
15	Develop MTPA Exhibits for each standard (generic requirements if possible)	Ongoing	Contracts SC	In Progress

Gas Industry Standards Board

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GISB 1997 Strategic Objective 3

Evaluate GISB Organizational Structure and Processes

GISB will review its internal processes and organizational structure on an ongoing basis to verify that it is meeting the needs of its membership and the marketplace.

Success Factors

- ✓ More effective organization
- ✓ Quicker turnaround for requests

Performance Measures

- ✓ Fifty percent of all requests reviewed with a disposition, (initial determination of the status of the request by the Executive Committee), made within 30 days of receipt of the request.

Action Items

Req #	Action Item Description	Due Date	Accountable	Status
16	Develop a think tank to consider cohesiveness strategies for standards development that will foster a seamless marketplace	12/97	EC, ED, BOD	Not Started
17	Re-examine existing committee and task force structure	6/97	EC	In Progress
18	Review voting roles of Chair and Vice Chair of the Executive Committee	6/97	GC, ED, EC, BOD, PSC	Not Started
19	Determine any changes to procedures, or protocols for the EC and BPSC as a result of procedures used to adopted the 140 and 43 business practice standards	6/97	EC, GC, PSC	In Progress with review of org. structure
20	Determine if procedures are needed to institutionalize a regular annual review and update of existing GISB standards, and if so develop the procedures as GISB Operating Practices	9/97	EC, GC, PSC	Not Started
21	Determine if GISB's classification policy should be modified, specifically as it relates to principles.	6/97	EC, GC, PSC	Not Started, request received to change several principles to standards

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GISB 1997 Strategic Objective 4

Large Broadly Based Membership

GISB will continue to undertake tasks to develop to have broad based industry-wide support, participation and membership. A large and broadly based membership fulfills the need for financial stability of the organization as well as ensuring that adopted standards have met the needs of a large portion of the industry.

Success Factors

- ✓ Membership growth in all segments
- ✓ Financial stability in 1997

Performance Measures

- ✓ 10% growth overall in membership
- ✓ Membership dues and other revenues meet operating requirements

Action Items

Req#	Action Item Description	Timetable	Accountable	Status
22	Identify key members of associations and the industry at large that are not members of GISB, and reach out to them for membership.	6/97	MSC, BOD	Not Started
23	Develop and implement structured plan for new member identification targeting and recruiting	6/97	MSC, BOD	Not Started
24	Gain visible strong support from regulatory agencies and other organizations that will give GISB additional credibility.	Ongoing	ED, Officers	Upcoming FERC Order, Advisory Committee mtg - 1/29/97

Gas Industry Standards Board

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GISB 1997 Strategic Objective 5

Successful Promotion and Implementation of Electronic Commerce

GISB will continue to streamline and enhance the efficiency of gas industry business processes by developing and promoting electronic commerce solutions and tools, which complement business transactions between trading partners.

Success Factors

- ✓ Recognized GISB standards
- ✓ Market acceptance of the use of the standards
- ✓ Products which support electronic commerce consistent with GISB standards

Performance Measures

- ✓ Improved rankings on the Dwight's survey regarding use of standards by December 1997 - Member input that GISB's standards were useful.
- ✓ Increased electronic usage with GISB standards as demonstrated on Dwight's survey the Electronic Commerce matrices for GISB published electronic and business standards, and through monitoring of company usage, (through the Electronic Commerce matrices).
- ✓ Improved rankings on the Dwight's survey regarding the relevance of GISB standards to the marketplace - Member input that GISB's standards addressed the most important needs.

Action Items

Req#	Action Item Description	Due Date	Accountable	Status
25	Develop and maintain Electronic Commerce Matrices for testing and implementation	6/97	EC, STF	In Progress
26	Investigate potential methods for providing technical assistance	Ongoing	EC, STF	Ongoing - home page improvements
27	Investigate potential for certification of products and services	12/97	EC, BOD	Not Started
28	Attend at least two Electronic Commerce trade shows, publicizing GISB's products.	12/97	GS, ED	Gas Fair - Feb 97
29	Determine need for and if so, implement form entry, discussion groups, registration at entry, and automatic payments features in the GISB home page	6/97	GS, ED	In Progress

Gas Industry Standards Board

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GISB 1997 Strategic Objective 6

Publication and Distribution of Standards and Work Products

GISB will produce documents such as standards publications, newsletters, and discussion papers. Publications will support GISB's goal of industry-wide acceptance and knowledge of GISB activities.

Success Factors

- ✓ GISB standards and work products published in a form usable to the industry
- ✓ GISB standards and work products accessible to the industry with reasonable cost structures
- ✓ GISB standards and work products available in a timely manner once they have been adopted

Performance Measures

- ✓ Standards Action Bulletin published twice per month
- ✓ Published standards available within one week from the GISB membership vote in electronic form, within one month in paper form.
- ✓ Newsletter published quarterly.

Action Items

Req#	Action Item Description	Due Date	Accountable	Status
30	Timely publishing of standards updates	Ongoing	GS	First version of manual updated planned in Jan 97, followed by data set updates in Feb 97. Version 1.1 published in Feb.
31	Publicize the availability of standards for electronic commerce with members, regulators, agencies, associations through newsletters and other printed materials	Ongoing	GS, CSC, PR	Standards Action Bulletin pub. twice per month
32	Publish fee structure	3/97	GS	Published in Standards Action Bulletin twice per month, dues letter went out with invoices
33	Publish a quarterly newsletter	Quarterly	GS, PR	In progress, Hoffman Paulson PR firm used
34	Publish reference book on business practice standards and data elements - version 1.1	3/97	GS	Version 1.1 published. Version 1.2 to be published in July

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Gas Industry Standards Board

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Req#	Action Item Description	Due Date	Accountable	Status
35	Publish governance documents in Rules of Procedure	6/97	GS	In Progress, once changes have been made to certificate and bylaws -- will publish. All materials ordered.

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GISB 1997 Strategic Objective 7

Increased Public Awareness of GISB and Education Regarding its Products

GISB will increase its visibility by improved communications with regulators, members, potential members, Advisory Committee, and other voluntary standards organizations. Conferences and training sessions will be supported to promote the understanding and acceptance of GISB products in our industry and broaden the use of GISB standards.

Success Factors

- ✓ GISB standards and work products published in a form usable to the industry
- ✓ GISB standards and work products available in a timely manner once they have been adopted
- ✓ Widespread review and notice of GISB efforts and activities
- ✓ Recognition of GISB by influential organizations

Performance Measures

- ✓ Quarterly newsletter
- ✓ Semi-monthly Standards Action Bulletin
- ✓ Twelve visits to agencies/associations regarding GISB and its work products
- ✓ Eight articles on GISB in trade journals
- ✓ Aggressive PR plan
- ✓ Conduct six training classes per year
- ✓ Provide 30 presentations on GISB per year

Action Items

Req #	Action Item Description	Due Date	Account.	Status
36	Examine effectiveness of home page in membership communications	12/97	EC	Not Started - Part of planned Dwight's Survey
37	Set schedule for periodic visits to related agencies and trade associations	12/97	ED, Officers	In Progress: Advisory Committee - 1/97, FERC call with Chm Moler, 12/96
38	Produce an aggressive PR plan to publicize GISB	6/97	ED, BOD, PR	Not Started
39	Hold training sessions as needed for new standards.	Ongoing	ED, GS	In Progress - Three classes held - Feb 97

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Req #	Action Item Description	Due Date	Account.	Status
40	Conduct a 1997 annual meeting of the membership.	11/97	AMTF, ED	In progress - Schd for Sept 29, 30 and Oct 1

Gas Industry Standards Board

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GISB 1997 Strategic Objective 8

Responsiveness to Industry Directions

GISB will utilize feedback from industry wide meetings, guidance from the Advisory Committee, and various information gathering tools to ensure that it produces the types of voluntary standards that are being used by all segments of the industry.

Success Factors

- ✓ Demonstrated confidence from the industry that GISB is addressing the correct issues

Performance Measures

- ✓ Dwight survey responses that indicate that GISB priorities are correct, and GISB work products are useful

Action Items

Req#	Action Item Description	Due Date	Account.	Status
41	Establish an OASIS/GISB liaison to explore coordination of business and electronic standards for the overall energy market	3/97	EC	In progress - NERC & EPRI formal liaisons -- not started on OASIS.
42	Advisory Committee review and comment on the GISB's Annual Plan for 1997	3/97	ED, AC, EC	In progress -- Mtg on Jan 97 held.
43	Conduct and report on Dwight's survey	12/97	DDE, ED, BOD	Not started
44	Advisory Committee review and comment on the GISB's Annual Plan for 1998	12/97	ED, AC, EC	Not started
45	Attendance at related regulatory meetings, and industry meetings	Ongoing	ED, Officers	Ongoing -- FERC conf. 12/96

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GISB 1997 Strategic Objective 9

Funding Mechanisms

GISB will develop funding mechanisms to ensure the financial stability of the organization in pursuing its objectives.

Success Factors

- ✓ Funding adequate to support approved 1997 budget

Performance Measures

- ✓ Income at least 10% higher than expenses

Action Items

Req#	Action Item Description	Due Date	Accountable	Status
46	Develop alternative funding mechanisms	9/97	FSC, BOD	In progress
47	Review Budget and Dues Structure for recommended changes for 1998	9/97	FSC, BOD	In Progress

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ABBREVIATIONS USED IN THE 1997 ANNUAL PLAN

AC	Advisory Committee
AMTF	Annual Meeting Task Force
APSC	Annual Plan Subcommittee
BOD	Board of Directors
BPSC	Business Practices Subcommittee
CCSC	Common Codes Subcommittee
CSC	Communications Subcommittee
DDS	Dwight's DataEnergy Service
EC	Executive Committee
ED	Executive Director
FSC	Funding Subcommittee
GC	General Counsel
GS	GISB Staff
ISC	Interpretation Subcommittee
PR	Public Relations
MSC	Membership Subcommittee
PSC	Process Subcommittee
STF	Standards Subcommittees and Task Forces as applicable (includes the Business Practices Subcommittee and task forces, Technical Task Force, Market * Task Forces, Future Technology Task Force and Implementation Team).
TTTTPTTF	Title Transfer Tracking Pilot Test Task Force



Gas Industry Standards Board Standards Request Log

As of July 15, 1997

Req#	Group	Action Item Description/Status	Date	Requester	
✓	R95001	One Call National System for Natural Gas Emergencies STATUS: Not Addressed. <i>No statement on scope was given, but the EC determined that this request was not of a priority that would place it within the other outstanding requests. A letter was sent to NERC and INGAA informing them of the decision not to address request R95001.</i>	10/96	NERC, INGAA 10/95	
P	R95002	EC	Standardized Reporting STATUS: EC Action: Postponed for consideration later in 1997.	12/97	AGD, 4-96
I	R95003	CS	Develop Operational Balancing Agreement STATUS: <i>6/20/97 - Under development by the Contracts Subcommittee 4/14/97 - Under development by the Contracts Subcommittee 11/1/96 - Transferred to the Market Initiation Task Force for development</i>	12/97	EC, Valero, 10-95
✓	R96001	Reliance on Actual Data Only for Prior Period Adjustments STATUS: Completed. <i>A principle was adopted by the EC and ratified by the membership on September 27, 1996 regarding this request. All applicable standards will be guided by following GISB Std. 2.1.2.</i>	9/96	Texaco, 3/19/96	
✓	R96002	Enhancement to Standard 5.3.22 STATUS: Completed. <i>Standard 5.3.22 was revised and adopted by the EC and ratified by the membership on September 27, 1996 regarding this request. Standard 5.3.22 now has a corrected method for converting rates from daily to monthly to yearly.</i>	9/96	NGPL, 5/96	
✓	R96003	Changes to Definition of Gas Day -- Std 1.3.1 STATUS: Completed. <i>Std. 1.3.1 was reviewed for changes, and the EC did not approve the suggested changes. EC actions were ratified by membership on September 27.</i>	9/96	Northern Dist. Gas Group, Minnegasco5/9 6	
I	R96004	CS	Enhance Model Trading Partner Agreement and adopt as a standard STATUS: <i>3/6/97 - Sent to Model Trading Partner Agreement Task Force for development of a recommendation Postponed for consideration later in the year -- 12/96</i>	9/97	TCAP, 5-96
✓	R96005	Develop standards for Gas Metered Volume Statements STATUS: <i>Will be included in Version 1.2 of the Flowing Gas Manuals Member Ratification: February 28.</i>	2/97	Texaco 4-96	

✓ - Completed, I - In Progress, Recommendation Being Prepared, V - Out for Vote or Pending Ratification Vote, P - Postponed for Later Consideration, blank - no action taken yet.



Gas Industry Standards Board Standards Request Log

As of July 15, 1997

Req#	Group	Action Item Description/Status	Date	Requester
✓	R96006	Modify nominations standards to incorporate granting firm shippers the ability to nominate outside the primary contract path STATUS: EC action 1/9/97 -- Failed	1/97	Williston Basin, 7-96
I	R96007	MSTF Develop the Request for Allocation Statement STATUS: <i>4/3/97 - Discussed at IR meeting, draft is being prepared, request is not time sensitive</i> <i>12/9/96 - Referred to Market Settlement for development of data elements</i>	12/97	PanEnergy, 8-96
I	R96008	MSTF Develop the Request for Shipper Imbalance Transaction STATUS: <i>4/3/97 - Discussed at IR meeting, draft is being prepared, request is not time sensitive</i> <i>12/9/96 - Referred to Market Settlement for development of data elements</i>	12/97	PanEnergy, 9-96
I	R96009	METF Develop the Request for Scheduled Quantity Information Transaction STATUS: <i>4/3/97 - Discussed at the IR meeting and draft recommendation should be prepared. The request is not time sensitive.</i> <i>12/9/96: - Referred to Market Execution for development of data elements</i>	12/97	PanEnergy, 8-96
✓	R96010	Modify Scheduled Quantity Transaction to support sending the transaction to operators, producers and end users STATUS: <i>Will be included in version 1.2 of the Nominations Manuals</i> <i>Member Ratification: 2/28/97</i>	2/97	Tenneco Energy, 8-96
✓	R96011	Modify Scheduled Quantity Transaction to support additional values for reduction reason code STATUS: <i>EC action 1/9/97 -- Failed</i>	1/97	Tenneco Energy, 8-96
✓	R96012	Modify Confirmation and Confirmation Response Transactions to support receipt rank and delivery rank data element STATUS: <i>Will be included in version 1.2 of the Nominations Manuals</i> <i>Member Ratification: 2/28/97</i>	2/97	Tenneco Energy, 8-96
✓	R96013	Modify Nominations and Scheduled Quantity Transactions to support additional values for transaction types STATUS: <i>Will be included in version 1.2 of the Nominations Manuals</i> <i>Member Ratification: 2/28/97</i>	2/97	Tenneco Energy, 8-96
✓	R96014	Modify Nominations Transaction to support offer type data element STATUS: <i>Will be included in version 1.2 of the Nominations Manuals</i> <i>Member Ratification: 2/28/97</i>	2/97	Koch, 8-96

✓ - Completed, I - In Progress, Recommendation Being Prepared, V - Out for Vote or Pending Ratification Vote, P - Postponed for Later Consideration, blank - no action taken yet.



Gas Industry Standards Board Standards Request Log

As of July 15, 1997

Req#	Group	Action Item Description/Status	Date	Requester
✓	R96015	Modify Nominations Transaction to support fuel method indicator type data element STATUS: <i>Will be included in version 1.2 of the Nominations Manuals</i> <i>Member Ratification: 2/28/97</i>	2/97	Koch, 8-96
✓	R96016	Modify Nominations Transaction to support source 2 data element STATUS: <i>Will be included in version 1.2 of the Nominations Manuals</i> <i>Member Ratification: 2/28/97</i>	2/97	CNG, 8-96
✓	R96017	Modify Offer, Bid Review, Award Notice, and Upload of Pre-Arranged Deals Transactions to support maximum Appalachian receipt quantity data element STATUS: <i>1/9/97 - Executive Committee voted to support recommendation to <u>NOT</u> support the request to add a data element</i>	1/97	CNG, 8-96
P	R96018	BPS Develop standards for real-time capacity information STATUS: <i>11/1/96 - EC Action to delay consideration</i>	12/97	TCAP, 8-96
I	R96019	MSTF Modify Standards 1.3.14 and 2.3.9 to include conversion factors for Mexico STATUS: <i>7/8/97 - Awaiting information from Pemex.</i> <i>4/3/97 - Draft being prepared for review by Sally Turley, re meeting minutes of IR.</i> <i>12/9/96 - Refer to Market Settlement Task Force, further research required</i>	3/97	Pemex, 9-96
✓	R96020	Modify Nominations Quick Response Transaction to support additional error codes STATUS: <i>1/9/97 - EC Determination not to proceed</i>	1/97	PanEnergy 8-96
✓	R96021	Modify Capacity Release Offer, Upload of Pre-Arranged Deals, Upload of Pre-Arranged Deals Notifications, Awards Transactions to support second field for storage releases data element STATUS: <i>1/9/97 - EC Determination not to proceed</i>	1/97	Col Gas, 8-96
I	R96022	BPS Modify several standards from disposition of principle to disposition of standard STATUS: <i>1/1/97 - EC Action: postpone until after Business Practices Subcommittee has reviewed.</i>	3/97	Registry, 9-96
✓	R96023	Modify Nominations Related Standards to include storage contract number data element STATUS: <i>Will be included in version 1.2 of the Nominations Manuals</i> <i>Member Ratification: 2/28/97</i>	2/97	Col Gas, 8-96

✓ - Completed, I - In Progress, Recommendation Being Prepared, V - Out for Vote or Pending Ratification Vote, P - Postponed for Later Consideration, blank - no action taken yet.



Gas Industry Standards Board Standards Request Log

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Req#	Group	Action Item Description/Status	Date	Requester
✓	R96024	Modify Nominations Related Standards to provide receipt as well as delivered quantity data elements STATUS: <i>Will be included in version 1.2 of the Nominations Manuals</i> <i>Member Ratification: 2/28/97</i>	2/97	Col Gas, 8-96
I	R96025	TTT Modify Nominations Related Standards to provide title transfer code for transaction type data element STATUS: <i>1/9/97 --EC Action to postpone until after actions from Title Transfer Tracking Pilot Testing task Force</i>	9/97	NrG, 8/96
✓	R96026	Modify Nominations Quick Response Transaction to add four new error codes STATUS: <i>Will be included in version 1.2 of the Nominations Manuals</i> <i>Member Ratification: 2/28/97</i>	2/97	NrG, 8/96
✓	R96027	Develop Conformed Quantity Transaction as part of the Nominations Related Standards STATUS: <i>EC action 1/9/97 -- Failed</i>	1/97	NrG, 10-96
✓	R96028	Modify Nominations Transaction to add additional codes to the transaction type data element STATUS: <i>EC action 2/5/97 -- Failed</i>	2/97	PanEnergy 9-96
✓	R96029	Modify the Nominations, Quick Response, and Scheduled Quantity Transactions to add agent and shipper data elements STATUS: <i>1/9/97 - EC Determination not to proceed</i>	1/97	NGPL, 9-96
✓	R96030	Modify the Invoicing Related Standards to add three new data elements, Paid Amount - flow period, Beginning Flow Date/Time, Ending Flow Date/Time - to comply with GISB Std. 3.3.21 STATUS: <i>Will be included in version 1.2 of the Invoice Manuals</i> <i>Member Ratification: 2/28/97</i>	2/97	PanEnergy 9-96
✓	R96031	Modify the Scheduled Quantity Transaction by adding a data element for the status of "not confirmed" STATUS: <i>1/9/97 - EC action Failed</i>	1/97	NGPL 10-96
✓	R96032	Modify the Nominations Related Standards to add additional codes to the reduction reason and transaction type data elements STATUS: <i>Will be included in version 1.2 of the Nominations Manuals</i> <i>Member Ratification: 2/28/97</i>	2/97	CNG, 10-96
✓	R96033	Modify the Measurement Information Transaction to add two new data elements - pressure base indicator and pressure base STATUS: <i>1/9/97 - EC Determination not to proceed</i>	1/97	TCAP 10-96

✓ - Completed, I - In Progress, Recommendation Being Prepared, V - Out for Vote or Pending Ratification Vote, P - Postponed for Later Consideration, blank - no action taken yet.



Gas Industry Standards Board Standards Request Log As of July 15, 1997

Req#	Group	Action Item Description/Status	Date	Requester	
I	R96034	BPS	Modify the Flowing Gas Related Standards to add an additional allocation methodology type - End user value STATUS: <i>Executive Committee forwarded proposed standards to the Business Practices Subcommittee for further development before final action will be taken -- 4/10/97 Recommendation out for industry comment due 3/31/97 12/9/96 - Referred to Market Settlement.</i>	3/97	PanEnergy 10-96
I	R96035	MSTF	Develop Request for Measurement Information and Request for Gas Metered Volume Statement Transactions STATUS: <i>4/3/97 - Draft recommendation being prepared as a result of the IR meeting. Request is not time sensitive. 12/9/96 - Referred to Market Settlement.</i>	9/97	PanEnergy, 10-96
I	R96036	TS	Develop Cash Out Information Statement Transaction STATUS: <i>4/3/97 - Technical Subcommittee is preparing the draft recommendation as a result of the Information Requirements meeting. 11/96 - Transferred to MSTF for a recommendation</i>	9/97	MSTF, 10-96
✓	R96037		Modify Payment Remittance Transaction to add three new data elements - disputed line item amount paid, unit price paid, quantity paid STATUS: <i>Will be included in version 1.2 of the Invoice Manuals Member Ratification: 2/28/97</i>	2/97	MSTF, 10-96
✓	R96038		Modify the Pre-Determined Allocation Transaction to change the definition of allocation rank level, and to add values for the rank method data element STATUS: <i>Will be included in version 1.2 of the Invoice Manuals Member Ratification: 2/28/97</i>	2/97	PanEnergy 10-96
✓	R96039		Correction to GISB Std. 2.3.9 - Heating Values STATUS: <i>Corrections implemented in version 1.0 of the Flowing Gas Manuals</i>	11/96	IS Anderson, 10/96
✓	R96040		Modify the Request for Confirmation and confirmation Response Transactions for the definition of contractual flow indicator STATUS: <i>Will be included in version 1.2 of the Nominations Manuals Member Ratification: 2/28/97</i>	2/97	PanEnergy 10-96
✓	R96041		Modification of Capacity Release Related Standards STATUS: <i>Will be included in version 1.2 of the Capacity Release Manuals Member Ratification: 2/28/97</i>	2/97	MITF, 10/96

✓ - Completed, I - In Progress, Recommendation Being Prepared, V - Out for Vote or Pending Ratification Vote, P - Postponed for Later Consideration, blank - no action taken yet.



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Req#	Group	Action Item Description/Status	Date	Requester
✓	R96042	Modify the Nominations and Shipper Imbalance Transaction Sets to add additional values to the transaction type data element STATUS: EC action 1/9/97 -- Failed	1/97	EPNG, 10-96
✓	R96043	Modify the Nominations Transactions to add additional values to the transaction type data element STATUS: Will be included in version 1.2 of the Nominations Manuals Member Ratification: 2/28/97	2/97	PanEnergy 10-96
I	R96044	METF Develop a Confirmation Response Quick Response Transaction STATUS: 4/3/97 - Discussed at the IR meeting and draft recommendation should be prepared. The request is not time sensitive. 11/96 -- Transferred to METF to develop a recommendation	6/97	PanEnergy, 10-96
✓	R96045	Modify the Nominations Related Standards to add additional values to the transaction type data element to delineate fuel nominations and associated error messages STATUS: 2/5/97 - EC action, Failed	2/97	Northern Border 10-96
✓	R96046	Modify the Nominations Related Standards to add additional values to the transaction type data element to delineate linepack nominations and associated error messages STATUS: 1/9/97 -- EC Action Failed	1/97	Northern Border 10-96
✓	R96047	Modify the Nominations Related Standards to add additional values to the transaction type data element to delineate backhaul nominations and associated error messages STATUS: 1/9/97 - EC Determination not to proceed	1/97	Northern Border 10-96
I	R96048	TTT Modify the Nominations Related Standards to add a new data element and associated error messages to specify the confirming party at an interconnection STATUS: 12/9/96: Tabled pending outcome of results by the TTT	9/97	Northern Border 10-96
I	R96049	METF Modify the Confirmation Request Transaction to support a "final" transmission of data for informational purposes only STATUS: 4/3/97 - Discussed at IR meeting. Conference call is to be set up, tentative final status on drafting the recommendation 11/96 -- Transferred to METF to develop a recommendation	3/97	Northern Border 10-96
✓	R96050	Modify the Upload of a Pre-Arranged Deal, Offer Download, and Invoicing Transactions to include a new data element - rate basis indicator STATUS: 3/5/97 - EC Determination not to proceed	3/97	Northern Border 10-96

✓ - Completed, I - In Progress, Recommendation Being Prepared, V - Out for Vote or Pending Ratification Vote, P - Postponed for Later Consideration, blank - no action taken yet.



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Req#	Group	Action Item Description/Status	Date	Requester
✓	R96051	Modify the Confirmation Response Transaction to provide for a usage code of "C" from "MA" for Service Requester Contract, and modify the text of the data dictionary STATUS: <i>Will be included in version 1.2 of the Nominations Manuals Member Ratification: 2/28/97</i>	2/97	PanEnergy 10-96
✓	R96052	Modify the Confirmation Response Transaction to provide for a usage code of "C" from "BC" for Upstream Contract Identifier, and modify the text of the data dictionary STATUS: <i>Will be included in version 1.2 of the Nominations Manuals Member Ratification: 2/28/97</i>	2/97	PanEnergy 10-96
✓	R96053	Modify the Confirmation Response Transaction to provide for a usage code of "C" from "BC" for Downstream Contract Identifier, and modify the text of the data dictionary STATUS: <i>Will be included in version 1.2 of the Nominations Manuals Member Ratification: 2/28/97</i>	2/97	PanEnergy 10-96
✓	R96054	Modify the Request for Confirmation and the Confirmation Response Transactions to include a new data element - service requester STATUS: <i>Will be included in version 1.2 of the Nominations Manuals Member Ratification: 2/28/97</i>	2/97	PanEnergy 10-96
✓	R96055	Modify the Invoice Related Standards to refer to the data element invoice code as invoice identifier STATUS: <i>Will be included in version 1.2 of the Invoice Manuals Member Ratification: 2/28/97</i>	2/97	MSTF 10-96
I	R96056	MSTF Develop the Producer Imbalance Statement STATUS: <i>4/3/97 - Draft recommendation being prepared by Wade Hopper as a result of the Information Requirements meeting. 12/9/96 - Under development in Market Settlement</i>	12/97	Exxon, 7-97
✓	R96057	Modify the Nominations, Flowing Gas, and Invoicing Related Standards to change two data elements lengths - package id and contract number STATUS: <i>EC action 1/9/97 -- Failed</i>	1/97	EPNG 10-96
✓	R96058	Modify the Nominations Related Standards to correct the examples to path non-threaded routing , and correction to the cross reference STATUS: <i>12/9/96 - Withdrawn - submitted as request for clarification</i>	12/96	Koch 10-96

✓ - Completed, I - In Progress, Recommendation Being Prepared, V - Out for Vote or Pending Ratification Vote, P - Postponed for Later Consideration, blank - no action taken yet.



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Req#	Group	Action Item Description/Status	Date	Requester
I	R96059	METF Modify the Nominations and Scheduled Quantity Transactions to add a new data element to be used by the service requester - comments STATUS: <i>4/3/97 - Discussed at IR meeting, conference call to be set up to draft recommendation.</i> <i>11/96 - Under development in Market Execution</i>	3/97	EPNG 10-96
✓	R96060	Modify the Nominations Transaction to add a new data element - cycle STATUS: <i>1/9/97 - EC Determination not to proceed:</i>	1/97	EPNG 10-96
✓	R96061	Modify the Nominations and Scheduled Quantity Transactions to add two new data elements - accounting data 1 and accounting data 2 STATUS: <i>EC action 1/9/97 -- Failed</i>	1/97	EPNG 10-96
✓	R96062	Modify the Nominations Transaction to add a new data element - role STATUS: <i>EC action 2/5/97 -- Failed</i>	2/97	EPNG 10-96
✓	R96063	Add abbreviations developed by the Market Settlement Task Force for the invoicing functions. STATUS: <i>Will be included in version 1.2 of the Invoice Manuals</i> <i>Member Ratification: 2/28/97</i>	2/97	MSTF 10-96
✓	R96064	Modify Upload of Pre-Arranged Deals transactions to add one new data element (retained quantity) and incorporate two existing data elements (production area indicator, gas transaction point 1 zone), with the addition also of error messages and warning messages. STATUS: <i>Will be included in version 1.2 of the Capacity Release Manuals</i> <i>Member Ratification: 2/28/97</i>	2/97	EPNG 10-96
✓	R96065	Modify Standard 3.3.14 to define rendered as "post-marked for U.S. Postal Service delivery of communication, time-stamped for facsimile communication and time-stamped and delivered to the designated site for electronic communication." STATUS: <i>EC action 1/9/97 -- Failed</i>	1/97	MSTF 10-96
✓	R96066	Modify the Transportation/Sales Invoice to add two data elements -- electronic funds transfer due data, and electronic funds transfer remittance address. STATUS: <i>Will be included in version 1.2 of the Nominations Manuals</i> <i>Member Ratification: 2/28/97</i>	2/97	EPNG 10-96
✓	R96067	Modify nominations transaction to add an additional option for capacity type. STATUS: <i>EC action 1/9/97 -- Failed</i>	1/97	Northern Natural, 10-96

✓ - Completed, I - In Progress, Recommendation Being Prepared, V - Out for Vote or Pending Ratification Vote, P - Postponed for Later Consideration, blank - no action taken yet.



Gas Industry Standards Board Standards Request Log As of July 15, 1997

Req#	Group	Action Item Description/Status	Date	Requester
✓	R96068	Modify the nominations and shipper imbalance transaction to add transaction type codes. STATUS: <i>Will be included in version 1.2 of the Nominations and Flowing Gas Manuals</i> <i>Member Ratification: 2/28/97</i>	2/97	EPNG, 7-96
✓	R96069	Modify the nomination quick response transaction to add a warning message STATUS: <i>Will be included in version 1.2 of the Nominations Manuals</i> <i>Member Ratification: 2/28/97</i>	2/97	EPNG, 12-96
✓	R96070	Modify the nomination transaction to add an additional capacity type of primary firm STATUS: <i>WITHDRAWN -- 2/5/97</i>	2/97	NNG, 12-96
✓	R96071	Modify the nomination quick response transaction to add status of nomination STATUS: <i>WITHDRAWN -- 2/5/97</i>	2/97	Enron, 12-96
✓	R96072	Modify the scheduled quantity transaction to add additional reduction reason codes STATUS: <i>WITHDRAWN -- 2/5/97</i>	2/97	NNG & TWPL, 12-96
✓	R96073	Modify the invoice transaction to add service codes STATUS: <i>Will be included in version 1.2 of the Invoice Manuals</i> <i>Member Ratification: 2/28/97</i>	2/97	Columbia Gas Trans, 12-96
✓	R96074	Modify the capacity release related transactions to add notice types STATUS: <i>6/5/97 - Member ratified, will be in version 1.2.</i> <i>5/5/97 - Member ratification sent out, due back 6/6/97</i> <i>3/5/97 - EC action to support recommendation, will be sent out for member ratification</i>	6/97	Columbia Gas Trans, 12-96
✓	R96075	Modify the capacity release related transactions to add an additional data element - indemnification clauses STATUS: <i>6/5/97 - Member ratified, will be in version 1.2.</i> <i>5/5/97 - Member ratification sent out, due back 6/6/97</i> <i>3/5/97 - EC action to support recommendation, will be sent out for member ratification</i>	6/97	Columbia Gas Trans, 12-96
✓	R96076	Modify the upload of pre-arranged deals transaction to add new status codes STATUS: <i>6/5/97 - Member ratified, will be in version 1.2.</i> <i>5/5/97 - Member ratification sent out, due back 6/6/97</i> <i>3/5/97 - EC action to support recommendation, will be sent out for member ratification</i>	6/97	Koch, 12-96

✓ - Completed, I - In Progress, Recommendation Being Prepared, V - Out for Vote or Pending Ratification Vote, P - Postponed for Later Consideration, blank - no action taken yet.



Gas Industry Standards Board Standards Request Log

As of July 15, 1997

Req#	Group	Action Item Description/Status	Date	Requester
✓	R96077	Modify the nominations related standards to conform to GISB business practices STATUS: <i>Will be included in version 1.2 of the Nominations Manuals Member Ratification: 2/28/97</i>	2/97	Mkt Exec Task Force, 12-96
✓	R96078	Modify the GISB Standard 1.3.1 regarding implementation date STATUS: <i>3/10/97 - Editorial Review Board determined to take no action 3/5/97 - EC procedurally determined to recommend a common implementation date to the Editorial Review Board 2/6/97 -- Action to be taken by the EC on 3/5/97</i>	3/97	PSE&G, 12-96
✓	R96079	Modify the nomination quick response transaction to add a warning message STATUS: <i>4/3/97 - Withdrawn by requester 2/5/97 - Transferred to the Market Execution Task Force for development of a recommendation</i>	4/97	NorAm, 12-96
✓	R96080	Modify the measurement information and allocation statement transactions to add contact information at the detail level STATUS: <i>EC action 2/5/97 -- Failed</i>	2/97	NGPL, 12-96
✓	R96081	Modify the scheduled quantity and confirmation response transactions to add additional reduction reason codes STATUS: <i>WITHDRAWN -- 2/5/97</i>	2/97	NNG & TWPL, 12-96
✓	R96082	Modify the capacity release offer review, award notice, upload of pre-arranged deals and upload of pre-arranged deals request to confirm transactions to add rate identification code and a conforming change to upload of pre-arranged deals surcharge identification codes STATUS: <i>6/5/97 - Member ratified, will be in version 1.2. 5/5/97 - Member ratification sent out, due back 6/6/97 3/5/97 - EC action to support recommendation, will be sent out for member ratification</i>	6/97	NNG, 12-96
I	R96083	GISB Modify the statement of account transaction usage code for date element STATUS: <i>7/10/97 - EC voted to adopt standard. Awaiting member ratification to be sent out on August 15, to be returned on September 15. 4/3/97 - IR Action: Transferred to the Technical Subcommittee for development of a recommendation 2/5/97 - EC Action: Transferred to the Market Initiation Task Force for development of a recommendation</i>	12/97	NNG, 12-96

✓ - Completed, I - In Progress, Recommendation Being Prepared, V - Out for Vote or Pending Ratification Vote, P - Postponed for Later Consideration, blank - no action taken yet.



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Req#	Group	Action Item Description/Status	Date	Requester
✓	R96084	<p>Modify the invoice transaction to add charge type codes</p> <p>STATUS: <i>6/5/97 - Member ratified, will be in version 1.2.</i> <i>5/8/97 - Passed EC vote, member ratification pending.</i> <i>4/17/97 - Recommendation sent out for industry comment, will be voted on by the EC on 5/8/97</i> <i>2/5/97 - EC Action: Transferred to the Market Settlement Task Force for development of a recommendation</i></p>	6/97	NNG, 12-96
✓	R96085	<p>Modify the nomination transactions to add reduction reason codes</p> <p>STATUS: <i>Will be included in version 1.2 of the Nominations Manuals</i> <i>Member Ratification: 2/28/97</i></p>	2/97	CNG, 12-96
✓	R96086	<p>Modify the capacity release transactions to add surcharge identification codes</p> <p>STATUS: <i>3/25/97 - FAILED. 19 votes recorded in favor of the proposed standard, failed one segment vote.</i> <i>3/5/97 - Notational vote by the EC required and due 3/25/97</i></p>	5/97	CNG, 12-96
✓	R96087	<p>Modify the nominations transactions to add additional values to transaction type data element</p> <p>STATUS: <i>WITHDRAWN -- 2/5/97</i></p>	2/97	CNG, 12-96
✓	R96088	<p>Add new code values for Service Code to the Transportation / Sales Invoice</p> <p>STATUS: <i>6/5/97 - Member ratified, will be in version 1.2</i> <i>5/5/97 - Member ratification sent out, due back 6/6/97</i> <i>3/5/97 - EC action to support recommendation, will be sent out for member ratification</i></p>	6/97	Koch, 12-96
✓	R96089	<p>Add Replacement Shipper Contract Number to UPPD and UPPD-Notify and Request to Confirm</p> <p>STATUS: <i>6/5/97 - Member ratified, will be in version 1.2</i> <i>3/5/97 - EC action to support recommendation, will be sent out for member ratification</i></p>	6/97	FGT, 12-96
✓	R96090	<p>Add a business conditional indicator to the UPPD and UPPD-Notify and Request to Confirm to allow releasing shippers to release their right to change points</p> <p>STATUS: <i>3/25/97 - FAILED. 16 votes recorded in favor of the proposed standard, failed the total required 17 votes in favor, and failed one segment vote.</i> <i>3/5/97 - Notational vote by the EC required and due 3/25/97</i></p>	5/97	FGT, 12-96

✓ - Completed, I - In Progress, Recommendation Being Prepared, V - Out for Vote or Pending Ratification Vote, P - Postponed for Later Consideration, blank - no action taken yet.



Gas Industry Standards Board Standards Request Log As of July 15, 1997

Req#	Group	Action Item Description/Status	Date	Requester
✓	R96091	Add a Return Addressee company code to the Notes / Special Instructions document for UPPD purposes STATUS: <i>6/5/97 - Member ratified, will be in version 1.2</i> <i>5/5/97 - Member ratification sent out , due back 6/6/97</i> <i>3/5/97 - EC action to support recommendation, will be sent out for member ratification</i>	6/97	FGT, 12-96
✓	R96092	Modify the allocation statement data dictionary so that Beginning Flow Date/Time and Ending Flow Date/Time are split into four elements STATUS: <i>Will be included in version 1.2 of the Flowing Gas Manuals</i> <i>Member Ratification: 2/28/97</i>	2/97	PEC, 12-96
✓	R96093	Modify the Notes/Special Instruction document to remove the Gas Transaction Point STATUS: <i>3/5/97 - WITHDRAWN</i>	3/97	FGT, 12-96
✓	R96094	Add the Surcharge Identification Code values from the UPPD to the UPPD - Validation document's Surcharge Identification Code element values STATUS: <i>3/5/97 - WITHDRAWN</i>	3/97	FGT, 12-96
I	R96095	MSTF Add a code value to the Transportation / Sales Invoice "Charge Indicator" element STATUS: <i>4/3/97 - Discussed at IR meeting</i> <i>2/5/97 - EC Action: Transferred to the Market Settlement Task Force for development of a recommendation</i>	12/97	FGT, 12-96
I	R96096	MSTF Modify the usage code of the Charge Type element on the Transportation/Sales Invoice STATUS: <i>4/3/97 - Discussed at IR meeting</i> <i>2/5/97 - EC Action: Transferred to the Market Settlement Task Force for development of a recommendation</i>	12/97	FGT, 12-96
✓	R96097	Modify the level of response on the Nomination Quick Response from Transaction level to Contract level STATUS: <i>6/5/97 - member ratified, will be in version 1.2</i> <i>5/5/97 - Member ratification sent out , due back 6/6/97</i> <i>4/10/97 - EC Action to support the addition of five new codes to the Transaction Status Code</i> <i>3/31/97 - Recommendation out for industry comment</i> <i>2/5/97 - EC Action: Transferred to the Technical Task Force for development of a recommendation</i>	6/97	Enron 12-96

✓ - Completed, I - In Progress, Recommendation Being Prepared, V - Out for Vote or Pending Ratification Vote, P - Postponed for Later Consideration, blank - no action taken yet.



Gas Industry Standards Board Standards Request Log As of July 15, 1997

Req#	Group	Action Item Description/Status	Date	Requester
✓	R96098	Modify the Transportation/Sales Invoice "Charge Type" element to add codes values STATUS: <i>Will be included in version 1.2 of the Invoice Manuals</i> <i>Member Ratification: 2/28/97</i>	2/97	FGT, 12-96
✓	R96099	Modify the UPPD Validation to include location information for error conditions STATUS: <i>6/5/97 - member ratified, will be in version 1.2</i> <i>5/5/97 - Member ratification sent out , due back 6/6/97</i> <i>3/5/97 - EC action to support recommendation, will be sent out for member ratification</i>	6/97	NNG, 12-96
✓	R96100	Modify the Payment Remittance to allow for multiple service requesters per billable party STATUS: <i>Will be included in version 1.2 of the Invoice Manual</i> <i>Member Ratification: 2/28/97</i>	2/97	PEC, 12-96
✓	R96101	Modify usage requirement of Service Requester and Account Number in Payment Remittance and Invoice datasets STATUS: <i>Will be included in version 1.2 of the Invoice Manuals</i> <i>Member Ratification: 2/28/97</i>	2/97	PEC, 12-96
✓	R96102	Modify Remittance Number element in Payment Remittance dataset to limit field size STATUS: <i>WITHDRAWN -- 2/5/97</i>	2/97	PEC, 12-96
✓	R96103	Modify Invoice dataset, Beginning Flow Date/Time and Ending Flow Date/Time to be Beginning Production Period and Ending Production Period STATUS: <i>Will be included in version 1.2 of the Invoice Manual</i> <i>Member Ratification: 2/28/97</i>	2/97	PEC, 12-96
✓	R96104	Modify definition of Limit Value in Pre-determined Allocation data dictionary STATUS: <i>Will be included in version 1.2 of the Flowing Gas Manual</i> <i>Member Ratification: 2/28/97</i>	2/97	PEC, 12-96
✓	R96105	Add additional error codes and warning codes to Pre-determined Allocation Quick Response STATUS: <i>Will be included in version 1.2 of the Flowing Gas Manuals</i> <i>Member Ratification: 2/28/97</i>	2/97	PEC, 12-96
✓	R96106	Modify usage requirement of Contact Person in all Flowing Gas and Invoicing Related Standards dictionaries STATUS: <i>EC action 2/5/97 -- Failed</i>	2/97	PEC, 12-96

✓ - Completed, I - In Progress, Recommendation Being Prepared, V - Out for Vote or Pending Ratification Vote, P - Postponed for Later Consideration, blank - no action taken yet.



Gas Industry Standards Board Standards Request Log As of July 15, 1997

Req#	Group	Action Item Description/Status	Date	Requester
✓	R96107	Add data element "Previous Balance Forward" to Invoice data dictionary STATUS: WITHDRAWN -- 2/5/97	2/97	PEC, 12-96
✓	R96108	Add error codes and warning codes to Nomination Quick Response STATUS: Will be included in version 1.2 of the Nominations Manuals Member Ratification: 2/28/97	2/97	PEC, 12-96
✓	R96109	Add reduction reason codes to Scheduled Quantity STATUS: WITHDRAWN -- 2/5/97	2/97	PEC, 12-96
✓	R96110	Add two business conditional data elements, Aggregator's Supply Point and Aggregator's Supplier to Confirmation, Confirmation Response and Allocation data sets STATUS: WITHDRAWN -- 2/5/97	2/97	PEC, 12-96
✓	R96111	Add reduction reason codes to Confirmation Response STATUS: WITHDRAWN -- 2/5/97	2/97	PEC, 12-96
✓	R96112	Identify and assign adjustment reason codes for prior period adjustments on the Measurement Information Statement STATUS: Will be included in version 1.2 of the Flowing Gas Manual Member Ratification: 2/28/97	2/97	NNG, TWPL, 12-96
✓	R96113	Limit the length of the UPPD Number to 10 characters in the Upload to Pipeline of Prearranged Deal STATUS: WITHDRAWN -- 2/5/97	2/97	PEC, 12-96
✓	R96114	Eliminate seconds from the Upload to Pipeline of Prearranged Deal elements for Contingency End Date/Time, Bid Period Start Date/Time, Bid Period End Date/Time, Prearranged Deal Match Date/Time STATUS: WITHDRAWN -- 2/5/97	2/97	PEC, 12-96
I	R96115	BPS Create a dataset for acceptance or errors/warnings for the Capacity Release Withdrawal Data Set. STATUS: EC Action: 2/6/97 -- Determination of recommendation from the EC on whether to proceed in 1997. If so, send the request to the BPS.	1998	PEC, 12-96

✓ - Completed, I - In Progress, Recommendation Being Prepared, V - Out for Vote or Pending Ratification Vote, P - Postponed for Later Consideration, blank - no action taken yet.



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Req#	Group	Action Item Description/Status	Date	Requester	
I	R96116	IR	Add minimum, maximum and bid point level quantity elements to the Upload to Pipeline of Prearranged Deal data set and other applicable capacity release data sets. STATUS: <i>4/3/97 - Discussed at IR meeting, conference call to be set up to draft recommendation.</i> <i>2/20/97 - BPS created new proposed standard and transferred to IR to develop recommendation</i> <i>2/6/97 - EC Action: Send to BPS and IR for recommendation</i>	12/97	PEC, 12-96
✓	R96117		Add a code type of "other" to the Service Code on the Invoice Statement STATUS: <i>WITHDRAWN -- 2/5/97 (Duplicate of R96073)</i>	3/97	Columbia Gas, 12-96
✓	R96118		Add two code types of "Capacity Discount" and "Market Affiliates" to the Notice Type on the System-Wide Notice. STATUS: <i>3/5/97 - WITHDRAWN</i>	3/97	Columbia Gas, 12-96
✓	R96119		Add a new data element, Indemnification Clauses, to datasets in Capacity Release Standards. STATUS: <i>3/5/97 - WITHDRAWN</i>	3/97	Columbia Gas, 12-96
I	R96120	TS	Add 4 new code values to Charge Type on the Transportation/Sales Invoice. STATUS: <i>4/17/97 - BPS transferred to IR to add four charge type codes on an expedited basis.</i> <i>4/3/97 - In the IR meeting, it was noted that the Technical Subcommittee is preparing recommendation.</i> <i>2/6/97 - EC Action: Send to BPS and IR for recommendation</i>	12/97	ANR, 12-96
I	R96121	IR	Add clarifying descriptions to 2 code values on the Charge Type on the Transportation/Sales Invoice. STATUS: <i>4/3/97 - Discussed at the IR meeting, Wade Hopper will prepare a presentation, further meetings are required.</i> <i>3/5/97 - EC Action to transfer to Information Requirements Subcommittee and Business Practices Subcommittee for a higher degree of standardization</i>	12/97	ANR, 12-96
✓	R96122		Add 2 new code values to Service Code on the Transportation/Sales Invoice. STATUS: <i>6/5/97 - member ratified, will be in version 1.2</i> <i>5/5/97 - Member ratification sent out, due back 6/6/97</i> <i>3/25/97 - Passed notational vote. Will be sent out for member reatification.</i> <i>3/5/97 - Requires notational vote from the EC by 3/25/97</i> <i>Recommendation out for comment, EC action on 3/5/97</i>	6/97	ANR, 12-96

✓ - Completed, I - In Progress, Recommendation Being Prepared, V - Out for Vote or Pending Ratification Vote, P - Postponed for Later Consideration, blank - no action taken yet.



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Req#	Group	Action Item Description/Status	Date	Requester
✓	R96123	<p>Add a data element, Balancing Agreement, to the UPPD - Bidder Confirmation and UPPD - Bidder Confirmation Validation Capacity Release Data Sets.</p> <p>STATUS: 6/5/97 - member ratified, will be in version 1.2 5/5/97 - Member ratification sent out , due back 6/6/97 4/10/97 - EC Action to support adding a new business practice standard and the implementation guide changes . Will be sent out for member ratification. 3/20/97 - BPS agrees to send recommendation out for industry comment once it is delivered to the GISB office from IR. 3/13/97 - BPS drafts a GISB standard and transfers to IR for development of a recommendation. 2/6/97 - EC Action: Send to BPS for recommendation</p>	6/97	Columbia Gas, 12-96
I	R96124	<p>IR</p> <p>Modify Shipper Imbalance Transaction so that it supports the Pathed Non-Threaded nomination model.</p> <p>STATUS: 4/3/97 - Discussed at IR meeting, request corresponds to R97020. Draft from a non-pathed pipeline is needed. A write up is provided through NGPL comments provided for the 3/97 EC meeting, posted on the home page. 2/5/97 - EC Action: Send to Information Requirements Subcommittee for recommendation</p>	12/97	NGPL, 12-96
I	R96125	<p>TS</p> <p>Add a data element to the PDA, PDA Quick Response and Allocation Statement data sets to identify the level of allocation.</p> <p>STATUS: 5/22/97 - Recommendation drafted by BPS/IR. To be transferred to Technical Subcommittee. 4/22/97 - Discussed at BPS/IR meeting and recommendations pending. 4/10/97 - EC Action to transfer the proposed standards to the Information Requirements Subcommittee for further development before the EC can take final actions 3/31/97 - Recommendation out for industry comment 2/5/97 - EC Action: Send to Market Settlement Task Force for a recommendation</p>	12/97	Columbia Gulf, 12-96
I	R96126	<p>IR</p> <p>Add a data element to the Payment Remittance data set to indicate the party being paid.</p> <p>STATUS: 4/17/97 - BPS transferred to IR to add a payee data element to the Payment Remittance data set. 2/6/97 - EC Action: Review after IS consideration</p>	12/97	Columbia Gulf, 12-96

✓ - Completed, I - In Progress, Recommendation Being Prepared, V - Out for Vote or Pending Ratification Vote, P - Postponed for Later Consideration, blank - no action taken yet.



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Req#	Group	Action Item Description/Status	Date	Requester
✓	R96127	Add a data element to the Payment Remittance data set to indicate the reasons for non-payment. STATUS: <i>4/23/97 - Accomodated through the changes implemented on R96037 on 2/28/97.</i> <i>4/17/97 - Discussed by BPS with no resolution at that time.</i> <i>2/6/97 - EC Action: Send to BPS for recommendation</i>	2/97	Columbia Gulf, 12-96
I	R96128	IS Add data elements "Location" and "Beginning Date/Time" to the PDA Quick Response to allow the receiver of the PDA to pinpoint errors to a single location. STATUS: <i>2/6/97 - EC Action: Review after IS consideration</i>	12/97	Columbia Gulf, 12-96
✓	R96129	Add a new capacity type indicator and associated error/warning messages to the Nomination, Nomination Quick Response, and Scheduled Quantity data sets to identify interruptible gas delivered to a firm contract. STATUS: <i>3/13/97 - WITHDRAWN by requester during BPS meeting</i> <i>1/16/97 - EC Action: Send to BPS for recommendation</i>	3/97	Northern Border, 12-96
I	R96130	IR Add transaction type indicators to delineate receipt deficiency and tender deficiency nominations. STATUS: <i>4/3/97 - Discussed at IR meeting, conference call to be set up to discuss drafting recommendation</i> <i>3/20/97 - BPS transferred to IR with instructions in the minutes</i> <i>1/16/97 - EC Action: Send to BPS for recommendation</i>	12/97	Northern Border, 12-96
I	R96131	IR Update Flowing Gas Implementation Guide to expand discussion and examples pertaining to Volume Allocations Statement. STATUS: <i>5/22/97 - Discussed at BPS/IR meeting.</i> <i>4/22/97 - Discussed at BPS/IR meeting and work papers will be prepared before the next meeting. For other parts of the request, recommendations are pending.</i> <i>4/10/97 - EC Action to transfer the proposed standards to the Information Requirements Subcommittee for further development before final consideration by the Executive Committee</i> <i>3/31/97 - Recommendation out for industry comment</i> <i>2/6/97 - EC Action: Send to Market Settlement Task Force for recommendation</i>	12/97	Market Settlement TF, 12-96

✓ - Completed, I - In Progress, Recommendation Being Prepared, V - Out for Vote or Pending Ratification Vote, P - Postponed for Later Consideration, blank - no action taken yet.



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Req#	Group	Action Item Description/Status	Date	Requester
✓	R97001	Update the Invoice to include the Line Number only in the Sub-detail STATUS: <i>6/5/97- member ratified, will be in version 1.2</i> <i>5/5/97 - Member ratification sent out , due back 6/6/97</i> <i>EC Action to adopt the proposed standards modification -- 4/10/97</i> <i>Recommendation out for industry comment, due 3/31/97</i> <i>2/6/97 - EC Action: Recommendation to be drafted by the Technical Subcommittee</i>	6/97	Columbia Gas, 1-97
I	R97002	BPS-D IR Modify the definition of Preparer ID STATUS: <i>4/3/97 - Discussed at IR meeting, conference call to be set up to discuss drafting recommendation</i> <i>2/6/97 - EC Action: Recommendation to be drafted by the Information Requirements Subcommittee</i>	12/97	Columbia Gas, 1-97
I	R97003	IR Add validation codes to the UPPD Validation STATUS: <i>4/3/97 - Discussed at IR meeting, conference call to be set up to discuss drafting recommendation</i> <i>2/20/97 - BPS transferred to IR with instructions in minutes</i> <i>2/6/97 - EC Action: Recommendation to be drafted by the Information Requirements Subcommittee and Business Practices Subcommittee</i>	12/97	Transwestern, 1-97
✓	R97004	Add 5 new Charge Type codes to the Transportation/Sales Invoice STATUS: <i>6/6/97 - Member ratified standard.</i> <i>5/8/97 - EC voted to support the standard.</i> <i>4/23/97 - Discussed at the BPS/IR meeting, the code for R97042 should be added to this request. R97042 was withdrawn.</i> <i>3/6/97 - EC Action: Recommendation approved by the EC. Requires membership ratification.</i> <i>2/6/97 - EC Action: Recommendation to be drafted by the Business Practices Subcommittee.</i>	6/97	Koch, 1-97
✓	R97005	Add a volume type to the Nomination and Schedule Quantity data sets STATUS: <i>5/2/97 - WITHDRAWN</i> <i>4/23/97 - Discussed and deferred at BPS/IR meeting</i> <i>4/3/97 - Discussed at IR meeting, Northern Border has prepared documents. Needs input from other pipelines. Will be discussed further in a meeting.</i> <i>3/20/97 - BPS transferred to IR with instructions in minutes</i> <i>2/6/97 - EC Action: Recommendation to be drafted by the Business Practices Subcommittee</i>	5/97	NNG, 1-97

✓ - Completed, I - In Progress, Recommendation Being Prepared, V - Out for Vote or Pending Ratification Vote, P - Postponed for Later Consideration, blank - no action taken yet.



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Req#	Group	Action Item Description/Status	Date	Requester	
I	R97006	TS	Modify the PDA dataset to indicate the swing contract STATUS: <i>6/24/97 - Discussed at BPS/IR meeting. Recommendation is transferred to TS. 4/23/97 - Discussed at BPS/IR meeting. Recommendation pending. 3/10/97 - Request transferred to BPS from TS 2/6/97 - EC Action: Recommendation to be drafted by the Technical Subcommittee</i>	12/97	Koch, 1-97
I	R97007	IR	Add a data element to allow the customer to choose whether contact information is displayed / downloaded. STATUS: <i>4/3/97 - Discussed by IR. Conference call set up to draft recommendation. 4/3/97 - Transferred to the Information Requirements Subcommittee by the Information Requirements Subcommittee chairs review conference call. 2/6/97 - EC Action: Incomplete and to be returned to the requester for further description</i>	12/97	PEC, 1-97
I	R97008	IR	Add Stand Alone Terms to the Offer Download STATUS: <i>4/3/97 - Discussed at IR meeting, conference call to be set up to discuss drafting recommendation 2/27/97 - BPS transferred to IR with instructions in minutes</i>	12/97	PEC, 1-97
I	R97009	TS	Add a comment segment to the Withdrawal Upload and Withdrawal Download datasets STATUS: <i>6/24/97 - Discussed at BPS/IR meeting. Recommendation transferred to TS. 4/23/97 - Discussed at BPS/IR meeting. Recommendation pending. 4/3/97 - Discussed at IR meeting, conference call to be set up to discuss drafting recommendation 2/27/97 - BPS transferred to IR with instructions in minutes 2/6/97 - EC Action: Recommendation to be drafted by the Business Practices Subcommittee</i>	12/97	PEC, 1-97

✓ - Completed, I - In Progress, Recommendation Being Prepared, V - Out for Vote or Pending Ratification Vote, P - Postponed for Later Consideration, blank - no action taken yet.



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Req#	Group	Action Item Description/Status	Date	Requester
I	R97010	TS Add Rate Identification Code and Surcharge Identification Code to the UPPD Validation STATUS: <i>6/24/97 - Discussed at BPS/IR meeting. Recommendation is transferred to TS. 5/22/97 - BPS recommends transfer R97010, R97015, R97016, R97052 and R97053 to IR/Technical with the following instructions: Collaborate in identifying the implementation of this standard in a manner that minimizes the impact on those not requiring the business practices giving rise to these data elements 4/23/97 - Unwithdrawn in the BPS/IR meeting, and will be discussed at a future BPS meeting. 2/27/97 - WITHDRAWN by requester in BPS meeting 2/6/97 - EC Action: Recommendation to be drafted by the Business Practices Subcommittee</i>	2/97	PEC, 1-97
I	R97011	IR Add Bidder Company Code to the detail on the Final Disposition STATUS: <i>4/3/97 - Discussed at IR meeting, conference call to be set up to discuss drafting recommendation 2/6/97 - EC Action: Recommendation to be drafted by the Information Requirements Subcommittee</i>	12/97	PEC, 1-97
✓	R97012	Modify the mapping of the UPPD Number STATUS: <i>3/10/97 - WITHDRAWN by requester 2/6/97 - EC Action: Recommendation to be drafted by the Technical Subcommittee</i>	3/97	PEC, 1-97
✓	R97013	Modify the usage of the Contingency End Date/Time STATUS: <i>4/23/97 - WITHDRAWN by requester. 3/10/97 - Transferred to BPS from TS 2/6/97 - EC Action: Recommendation to be drafted by the Technical Subcommittee</i>	4/97	PEC, 1-97
✓	R97014	Modify the mapping of the Response Reason Code STATUS: <i>WITHDRAWN -- 2/6/97</i>	2/97	PEC, 1-97

✓ - Completed, I - In Progress, Recommendation Being Prepared, V - Out for Vote or Pending Ratification Vote, P - Postponed for Later Consideration, blank - no action taken yet.



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Req#	Group	Action Item Description/Status	Date	Requester	
I	R97015	TS	Add additional Rate Identification Codes and Surcharge Identification Codes to 5 Capacity Release datasets STATUS: <i>6/24/97 - Discussed at BPS/IR meeting. Recommendation is transferred to TS.</i> <i>5/22/97 - BPS recommends transfer R97010, R97015, R97016, R97052 and R97053 to IR/Technical with the following instructions: Collaborate in identifying the implementation of this standard in a manner that minimizes the impact on those not requiring the business practices giving rise to these data elements</i> <i>4/23/97 - Discussed at the BPS/IR meeting. Will be deferred to a future meeting.</i> <i>2/6/97 - EC Action: Recommendation to be drafted by the Business Practices Subcommittee</i>	12/97	PEC, 1-97
I	R97016	TS	Modify the mapping of the rate segment in capacity release STATUS: <i>6/24/97 - Discussed at BPS/IR meeting. Recommendation is transferred to TS.</i> <i>5/22/97 - BPS recommends transfer R97010, R97015, R97016, R97052 and R97053 to IR/Technical with the following instructions: Collaborate in identifying the implementation of this standard in a manner that minimizes the impact on those not requiring the business practices giving rise to these data elements</i> <i>4/23/97 - Unwithdrawn and discussed at the BPS/IR meeting. Will be deferred to a future meeting.</i> <i>2/27/97 - WITHDRAWN by requester in BPS meeting</i> <i>2/6/97 - EC Action: Recommendation to be drafted by the Business Practices Subcommittee</i>	2/97	PEC, 1-97
✓	R97017		Form a task force to study the implementations of intra day noms and develop standards to achieve a seamless implementation STATUS: <i>3/6/97 - Intraday Subcommittee set up by the EC</i> <i>2/6/97 - EC Action: Supported by EC in a procedural vote, actions to be taken by the EC on 3/5/97</i>	3/97	Texaco, 1-97
I	R97018	BPS, IR	Add error codes to the Nominations Quick Response dataset STATUS: THIS REQUEST HAS BEEN SPLIT INTO PARTS <i>4/17/96 - BPS review of R97018B - transfer to IR for addition of the error code to the nominations quick response document</i> <i>4/3/97 - Discussed at IR meeting, conference call will be set up to draft the recommendation</i> <i>2/6/97 - EC Action: Recommendation to be drafted by the Business Practices Subcommittee and Information Requirements Subcommittee</i>	12/97	NorAm, 1-97

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Req#	Group	Action Item Description/Status	Date	Requester
I	R97019	TTT	Add additional elements for Provider, Supplier and Provider Contract to the Nominations dataset STATUS: <i>2/6/97 - EC Action: Recommendation to be drafted by the Title Transfer Tracking Pilot Testing Task Force</i>	12/97 NorAm, 1-97
I	R97020	IR	Modify the shipper imbalance statement for use with all nomination model types STATUS: <i>4/22/97 - Discussed at BPS/IR meeting. Will be further discussed at future meetings before a recommendation is drafted.</i> <i>4/3/97 - Discussed at IR meeting, related to R96124 , meeting to be set up to discuss further</i> <i>2/6/97 - EC Action: Recommendation to be drafted by the Information Requirements Subcommittee</i>	12/97 Market Settlement, 1-97
✓	R97021		Add 'Adjustment Type' code values to the Measurement Information Statement STATUS: <i>6/5/97 - member ratified, will be in version 1.2</i> <i>5/8/97 - Passed EC vote, member ratification pending.</i> <i>4/17/97 - Out for industry comments, will be voted on at the EC meeting on 5/8/97.</i> <i>2/6/97 - EC Action: Recommendation to be drafted by the Information Requirements Subcommittee</i>	6/97 Market Settlement, 1-97

✓ - Completed, I - In Progress, Recommendation Being Prepared, V - Out for Vote or Pending Ratification Vote, P - Postponed for Later Consideration, blank - no action taken yet.



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Req#	Group	Action Item Description/Status	Date	Requester
I	R97022	IR TS Add two data elements to the nominations related data sets -- upstream package ID and downstream package ID. STATUS: <i>5/22/97 - Delete 'confirming' from Standard 1.3.24. Change Service Requester to 'Mandatory' in Request For Confirmation and Confirmation Response. Change Package ID to 'MA/C' in Request For Confirmation and Confirmation Response ('Mutually Agreeable' in Request For Confirmation; 'Conditional' in Confirmation Response) Confirmation occurs at the business party to business party (i.e., Service Requesters and parties identified by Upstream Identifier Code and Downstream Identifier Code, as applicable) level and at lower levels of detail on a mutually agreed basis as between confirming parties. The data elements Upstream Package ID and Downstream Package ID should be added to the Nomination (except for the Pathed Non-Threaded model), Request For Confirmation, Confirmation Response and Scheduled Quantity documents on a mutually agreed basis as between all parties (Service Requester, Transportation Service Provider and other confirming parties). 4/23/97 - Discussed at BPS/IR meeting. Further discussions to be held before a recommendation can be drafted. 4/3/97 - BPS discussed this item and determined that it needs further discussion on 4/22 and 4/23/97. 3/6/97 - Sent to BPS for development of a recommendation 3/6/96 - Triage Action and EC Scope Determination done.</i>	12/97	EPNG, 1/97
✓	R97023	Further define GISB Standard 4.3.6 on formats for non-transactional data STATUS: <i>6/5/97 - member ratified, will be in version 1.2 4/10/97 - EC Action to adopt a new business practice on formats for non-transactional data . Will be sent out for member ratification. 3/6/96 - Returned to FTTF for further development 3/5/97 - Recommendation out for comment , EC action</i>	6/97	Technical Task Force, 2/97
✓	R97024	Modify GISB Standard 4.3.1 to reflect the Electronic Delivery Mechanism standards adopted in September 1996. STATUS: <i>6/5/97 - member ratified, will be in version 1.2 3/5/97 - EC vote to adopt, GISB ratification required 3/5/97 - Recommendation out for comment , EC action</i>	6/97	Technical Task Force, 2/97
I	R97025	IR Modify the language of standard 3.3.5 STATUS: <i>4/3/97 - Discussed by IR. Conference call to be set up to draft recommendation. 3/6/97 - Send to the Information Requirements Subcommittee for development of a recommendation 3/5/97 - Triage Action and EC Scope Determination needed by 3/5/97</i>	12/97	Market Settlement, 2/97

✓ - Completed, I - In Progress, Recommendation Being Prepared, V - Out for Vote or Pending Ratification Vote, P - Postponed for Later Consideration, blank - no action taken yet.



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Req#	Group	Action Item Description/Status	Date	Requester
I	R97026	IR	Add language in the Technical Implementation of Business Process for the GISB Trnasportation/Sales Invoice regarding charge type STATUS: <i>4/3/97 - Discussed by IR. Conference call to be set up to draft recommendation.</i> <i>3/6/97 - Send to the Information Requirements Subcommittee for development of a recommendation</i> <i>3/5/97 - Triage Action and EC Scope Determination</i>	12/97 Market Settlement, 2/97
✓	R97027		Add three values for service code for operational balancing, imbalance settlement and plant thermal reduction for the invoice and payment remittance documents STATUS: <i>6/5/97 - member ratified, will be in version 1.2</i> <i>5/8/97 - Passed EC vote, member ratification pending.</i> <i>4/17/97 - Out for industry comment. EC will vote on 5/8/97.</i> <i>3/6/97 - Send to the Information Requirements Subcommittee for development of a recommendation</i> <i>3/5/97 - Triage Action and EC Scope Determination</i>	6/97 Market Settlement, 2/97
I	R97028	IR	Change the conditionality of Receipt and Delivery Location in the GISB Invoice document to be based on location indicator rather than service code STATUS: <i>5/8/97 - EC sent back to IR for further work</i> <i>4/17/97 - Out for industry comment. EC will vote on 5/8/97.</i> <i>3/6/97 - Send to the Information Requirements Subcommittee for development of a recommendation</i> <i>3/5/97 - Triage Action and EC Scope Determination</i>	12/97 Market Settlement, 2/97
I	R97029	TS	Add transaction type to the invoice as a mandatory data element including a description the technical implementation and the addition of three codes for the data element -- gathering, unauthorized overrun, and capacity release STATUS: <i>6/24/97 - Discussed at BPS/IR meeting. Recommendation is transferred to TS.</i> <i>4/23/97 - Discussed at BPS/IR meeting. Recommendation is forthcoming from IR.</i> <i>3/6/97 - Send to the Business Practices Subcommittee for development of a recommendation</i> <i>3/5/97 - Triage Action and EC Scope Determination</i>	12/97 Market Settlement, 2/97

✓ - Completed, I - In Progress, Recommendation Being Prepared, V - Out for Vote or Pending Ratification Vote, P - Postponed for Later Consideration, blank - no action taken yet.



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Req#	Group	Action Item Description/Status	Date	Requester
I	R97030	BPS Add standards for shipper discount rates and include discount codes in the nomination process (previously AP9601) STATUS: <i>6/30/97 -Keith Sappenfield notified the GISB office that this item is to be considered active and not completed through transferral to a task force, as the task force does not address the specific concerns outlined in R97030 -- as such it remains with the BPS</i> <i>5/15/97 - This request has already been processed through Business Practices Subcommittee to set up a task force to review the request.Keith Sappenfield will be contacted by the GISB office.</i> <i>4/3/97 - BPS recommends to the EC that a task force be formed to develop a new request regarding this item</i> <i>3/6/97 - Send to the Business Practices Subcommittee for development of a recommendation</i> <i>3/5/97 - Triage Action and EC Scope Determination</i>	12/97	NorAm, 2/97
I	R97031	IR Add two data elements to the Invoice Document - invoice level charge/allowance descriptor and invoice level charge/allowance amount, both with usage codes of SO STATUS: <i>5/8/97 - EC sent back to IR for further work.</i> <i>4/17/97 - Out for industry comment, to be voted on by the EC on May 8.</i> <i>3/20/97 - BPS to release recommendation to industry for comment once the recommendation is delivered to the GISB office</i> <i>3/6/97 - Send to the Business Practices Subcommittee for development of a recommendation</i> <i>3/5/97 - Triage Action and EC Scope Determination</i>	12/97	Market Settlement, 2/97
I	R97032	IR Add a charge type code of Enrate to the Invoice transaction set STATUS: <i>4/17/97 - BPS transferred to IR to add a charge type code to the invoice data set.</i> <i>3/6/97 - Send to the Business Practices Subcommittee for development of a recommendation</i> <i>3/5/97 - Triage Action and EC Scope Determination</i>	12/97	Enron, 2/97
✓	R97033	 Add additional tie breaking methods codes for the Upload of Pre-Arranged Deals transaction set -- pro-rata lottery and first come/first serve. STATUS: <i>5/22/97 - withdrawn</i> <i>4/23/97 - Discussed at the BPS/IR meeting, and will be deferred to a future BPS meeting.</i> <i>3/6/97 - Send to the Business Practices Subcommittee for development of a recommendation</i> <i>3/5/97 - Triage Action and EC Scope Determination</i>	5/97	Enron, 2/97

✓ - Completed, I - In Progress, Recommendation Being Prepared, V - Out for Vote or Pending Ratification Vote, P - Postponed for Later Consideration, blank - no action taken yet.



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Req#	Group	Action Item Description/Status	Date	Requester
✓	R97034	<p>Add a service code to the invoice transaction data set -- balancing service</p> <p>STATUS: <i>4/23/97 - WITHDRAWN by requester. Issue dealt with in R96088.</i> <i>4/3/97 - IR preparing a recommendation</i> <i>3/6/97 - Send to the Business Practices Subcommittee for development of a recommendation</i> <i>3/5/97 - Triage Action and EC Scope Determination</i></p>	4/97	Enron, 2/97
I	R97035	<p>GISB</p> <p>Modify the model trading partner agreement to accommodate the use of Internet electronic delivery mechanism</p> <p>STATUS: <i>7/8/97 - Sent out for industry comment due August 6. EC to discuss and vote on August 13.</i> <i>3/6/97 - Send to the Model Trading Partner Agreement Task Force for development of a recommendation</i> <i>3/5/97 - Triage Action and EC Scope Determination</i></p>	12/97	Future Technology Task Force, 2/97
I	R97036	<p>BPS, IR</p> <p>Modify the GISB Implementation Guides to reflect the changes needed to support the Pathed Non-Threaded Model for Pre-Determined Allocation and Allocation Statement transactions.</p> <p>STATUS: <i>4/10/97 - EC scope determination and approval of Triage recommendation and priority</i> <i>3/6/97 - Defer EC determination until 4/10/97 meeting</i> <i>3/5/97 - Triage Action and EC Scope Determination</i></p>	12/97	KGPC and NGPL, 2/97
✓	R97037	<p>Develop a standard data format for sharing operational data between pipeline operators having physical pie-to-pipe connections.</p> <p>STATUS: <i>4/10/97 - Withdrawn by requester</i> <i>3/6/97 - EC determination scheduled for 4/10/97 meeting, Triage priority needed by 4/10/97</i> <i>3/5/97 - Triage Action and EC Scope Determination</i></p>	4/97	CNG, 2/97

✓ - Completed, I - In Progress, Recommendation Being Prepared, V - Out for Vote or Pending Ratification Vote, P - Postponed for Later Consideration, blank - no action taken yet.



Gas Industry Standards Board Standards Request Log As of July 15, 1997

Req#	Group	Action Item Description/Status	Date	Requester	
I	R97038	IR	Add additional reduction reason codes to the Scheduled Quantity Data Set -- no delivery nomination, no supply STATUS: <i>6/5/97 - BPS recommends the following statement will be used by Information Requirements Subcommittee as instructions in adding the code: A "No corresponding nomination" code could be sent by the confirming party to respond to a request to confirm or by a Transportation Service Provider in a scheduled quantity document where the confirming party had no corresponding nomination.</i> <i>5/15/97 - Draft recommendation to be reviewed by Andy Brady for "no supply"</i> <i>4/10/97 - EC scope determination and approval of Triage recommendation and priority</i> <i>3/6/97 - EC determination scheduled for 4/10/97 meeting, Triage priority needed by 4/10/97</i> <i>3/5/97 - Triage Action and EC Scope Determination</i>	6/97	NorAm, 2/97
I	R97039	IR	Add two codes to the data element capacity type indicator in the nominations and the scheduled quantity data sets. -- tertiary to primary, tertiary to secondary STATUS: <i>4/10/97 - EC scope determination and approval of Triage recommendation and priority</i> <i>3/6/97 - EC determination scheduled for 4/10/97 meeting, Triage priority needed by 4/10/97</i> <i>3/5/97 - Triage Action and EC Scope Determination</i>	6/97	Tennessee Gas Pipeline, 2/97
I	R97040	IR	Add a new final disposition response code "U6" -- Contract Validation Error to be used during the capacity release award process STATUS: <i>5/1/97 - BPS transferred to IR for implementation and drafting of recommendation to add a new final disposition code.</i> <i>4/10/97 - EC scope determination and approval of Triage recommendation and priority</i> <i>3/6/97 - EC determination scheduled for 4/10/97 meeting, Triage priority needed by 4/10/97</i> <i>3/5/97 - Triage Action and EC Scope Determination</i>	6/97	Texas Gas Transmission, 2/97
P	R97041	EC	Add a new fuel reimbursement option to the nominations related data sets allowing separate nominations for fuel gas STATUS: <i>4/10/97 - EC scope determination and approval of Triage recommendation and priority. Task Force to be set up in 1998.</i> <i>3/6/97 - EC determination scheduled for 4/10/97 meeting, Triage priority needed by 4/10/97</i> <i>3/5/97 - Triage Action and EC Scope Determination</i>	6/98	NGC, 2/97

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Gas Industry Standards Board Standards Request Log

As of July 15, 1997

Req#	Group	Action Item Description/Status	Date	Requester
✓	R97042	<p>Add a charge type of "Prepayment Credit" to the Transportation/Sales invoice.</p> <p>STATUS: <i>6/23/97 - Withdrawn by requester at the BPS/IR meeting on 4/23/97. The code should be added to R97004.</i> <i>4/10/97 - EC scope determination and approval of Triage recommendation and priority</i> <i>3/6/97 - EC determination scheduled for 4/10/97 meeting, Triage priority needed by 4/10/97</i> <i>3/5/97 - Triage Action and EC Scope Determination</i></p>	6/97	Northern Border, 2/97
I	R97043	<p>BPS, TTT</p> <p>Add a data element for Interest Owner to the Nominations, Request for Confirmation, Confirmation and Scheduled Quantities Transactions</p> <p>STATUS: <i>6/5/97 - Postpone BPS determination until after Title Transfer Tracking has addressed the request.</i> <i>4/10/97 - EC scope determination and approval of Triage recommendation and priority</i> <i>Triage Action and EC Scope Determination needed by 4/10/97</i></p>	11/97	Southern Natural, 2/97
I	R97044	<p>IR</p> <p>Modify the reduction reason codes of the Confirmation Response and Scheduled Quantity for consistency</p> <p>STATUS: <i>4/10/97 - EC scope determination and approval of Triage recommendation and priority</i> <i>4/3/97 - Discussed at the IR meeting and draft recommendation should be prepared. The request is not time sensitive.</i> <i>Triage Action and EC Scope Determination needed by 4/10/97</i></p>	6/97	EPNG, 2/97
I	R97045	<p>BPS</p> <p>Modify the list of permitted qualifiers for point code to include "Service Provider's Proprietary Point Code" with a description of only to be used when there is no verified DRN number</p> <p>STATUS: <i>6/5/97 - Draft commentary will be prepared by Greg Lander for consideration at the next meeting</i> <i>4/10/97 - EC scope determination and approval of Triage recommendation and priority</i> <i>Triage Action and EC Scope Determination needed by 4/10/97</i></p>	6/97	TCAP, 3/97
I	R97046	<p>BPS-D IR</p> <p>Add two definitions to the GISB Business Practice Standards for Transportation and Transportation Service Provider</p> <p>STATUS: <i>6/26/97 - BPS recommendation to be transferred to IR.</i> <i>5/15/97 - BPS to set up a task force to review terms that require definitions and draft definitions</i> <i>4/10/97 - EC scope determination and approval of Triage recommendation and priority</i> <i>Triage Action and EC Scope Determination needed by 4/10/97</i></p>	6/97	TCAP, 3/97

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Gas Industry Standards Board Standards Request Log As of July 15, 1997

Req#	Group	Action Item Description/Status	Date	Requester
✓	R97047	Add the data element "Source Location" to the Nominations, Scheduled Quantity, PDA, Shipper Imbalance, Allocation Statement, Invoice and Request for Confirmation Data Set with corresponding error codes defined for Nomination Quick Response and PDA Quick Response STATUS: <i>4/10/97 - Withdrawn by requester</i> <i>Triage Action and EC Scope Determination needed by 4/10/97</i>	4/97	Transco, 3/97
I	R97048	BPS, TTT Add data elements "First Supplier" and "Last Supplier" to the Nomination, Scheduled Quantity, Imbalance Statement, and Invoice Data Sets with appropriate error messages developed for Nomination Quick Response STATUS: <i>6/5/97 - No action will be taken by BPS until the Title Transfer Tracking Task Force efforts are concluded</i> <i>4/10/97 - EC scope determination and approval of Triage recommendation and priority</i> <i>Triage Action and EC Scope Determination needed by 4/10/97</i>	11/97	Transco, 3/97
I	R97049	BPS, TTT Add four code values to the allocation type codes in the PDA Data Set - Multi-level Operator, Multi-level Producer, Multi-level First Supplier, Multi-level Last Supplier STATUS: <i>4/10/97 - EC scope determination and approval of Triage recommendation and priority</i> <i>Triage Action and EC Scope Determination needed by 4/10/97</i>	11/97	Transco, 3/97
I	R97050	IR Add all data elements in the Nominations transaction key to the data dictionary for the Invoice Data Set STATUS: <i>4/10/97 - EC scope determination and approval of Triage recommendation and priority</i> <i>Triage Action and EC Scope Determination needed by 4/10/97</i>	11/97	Transco, 3/97
I	R97051	IR Remove the data element "Service Provider's Activity Code" from the transaction key defined in GISB Standard 1.3.27 STATUS: <i>4/10/97 - EC scope determination and approval of Triage recommendation and priority</i> <i>Triage Action and EC Scope Determination needed by 4/10/97</i>	6/97	Transco, 3/97

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Gas Industry Standards Board Standards Request Log As of July 15, 1997

Req#	Group	Action Item Description/Status	Date	Requester
I	R97052	TS	6/97	TCAP, 3/97
		<p>Modify GISB Standard 5.3.27 for more specificity in minimum/maximum rates specified by the releasing shipper</p> <p>STATUS: <i>6/24/97 - Discussed at BPS/IR meeting. Recommendation is transferred to TS.</i> <i>5/22/97 - BPS recommends transfer R97010, R97015, R97016, R97052 and R97053 to IR/Technical with the following instructions: Collaborate in identifying the implementation of this standard in a manner that minimizes the impact on those not requiring the business practices giving rise to these data elements</i> <i>5/1/97 - Discussed at BPS call. No resolution determined at that time.</i> <i>4/10/97 - EC scope determination and approval of Triage recommendation and priority</i> <i>Triage Action and EC Scope Determination needed by 4/10/97</i></p>		
I	R97053	TS	6/97	TCAP, 3/97
		<p>Add a new business practice standard for capacity release: "All Capacity Release business practices with respect to rates, charges and surcharges, should be accommodated through one or more of the following manners: 1) total reservation charge/unit of reserved service, 2) total usage charge/unit of provided (or minimum commitment quantity of) service, 3) total surcharge/contract (unrelated to units of service reserved or provided), 4) total demand surcharges/unit of reserved service, or 5) total of usage surcharges/unit of provided (or minimum commitment quantity of) service.</p> <p>STATUS: <i>6/24/97 - Discussed at BPS/IR meeting. Recommendation is transferred to TS.</i> <i>5/22/97 - BPS recommends transfer R97010, R97015, R97016, R97052 and R97053 to IR/Technical with the following instructions: Collaborate in identifying the implementation of this standard in a manner that minimizes the impact on those not requiring the business practices giving rise to these data elements</i> <i>5/1/97 - Discussed at BPS call. No resolution determined at that time.</i> <i>4/10/97 - EC scope determination and approval of Triage recommendation and priority</i> <i>Triage Action and EC Scope Determination needed by 4/10/97</i></p>		

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Gas Industry Standards Board Standards Request Log As of July 15, 1997

Req#	Group	Action Item Description/Status	Date	Requester	
I	R97054	GISB	Add a new data element "Detail Code" to the Request for Confirmation and Confirmation Response transactions. STATUS: <i>7/8/97 -- Industry comment period began, comments due on August 8 and will be on the agenda for EC vote on August 13.</i> <i>6/26/97 - BPS language accepted as a recommendation, should be sent out for industry comment on July 8.</i> <i>6/19/97 - BPS language crafted for consideration at the next meeting</i> <i>6/5/97 - Ask Columbia Gulf to attend the next conference call.</i> <i>4/10/97 - EC scope determination and approval of Triage recommendation and priority</i> <i>Triage Action and EC Scope Determination needed by 4/10/97</i>	6/97	Col Gulf, 3/97
I	R97055	IR	Rename the data element "Nominator's Tracking Number" to "Nominator's Tracking ID" for the Nomination, Nomination Quick Response and Scheduled Quantity, transactions and clarify that the data element value contains alpha-numeric data STATUS: <i>6/26/97 - BPS recommendation to be transferred to IR.</i> <i>4/10/97 - EC scope determination and approval of Triage recommendation and priority</i> <i>Triage Action and EC Scope Determination needed by 4/10/97</i>	6/97	TCAP, 3/97
I	R97056	IR	Rename the data element "confirmation requester's tracking number" to "confirmation requester's tracking number" in the Request For Confirmation and Confirmation Response Transactions and clarify that the data element contains alphanumeric data STATUS: <i>6/26/97 - BPS recommendation to be transferred to IR.</i> <i>4/10/97 - EC scope determination and approval of Triage recommendation and priority</i> <i>Triage Action and EC Scope Determination needed by 4/10/97</i>	6/97	TCAP, 3/97
I	R97057	IR	Add a data element, Validation Code, to the Confirmation Response. STATUS: <i>6/26/97 - BPS recommendation to transfer to Information Requirements</i> <i>6/5/97 - Request that Columbia join the next call for request R97057 to be discussed on June 5.</i> <i>5/8/97 - EC scope determination and approval of Triage recommendation and priority -- begin in July and report to the EC in August.</i> <i>4/1/97 - Triage Action completed</i>	12/97	Col Gas, 3/97

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Req#	Group	Action Item Description/Status	Date	Requester	
I	R97058	BPS	Add ability to use a transportation service provider's proprietary identifier when a trading partner's D-U-N-S number as not yet been issued or may not exist STATUS: <i>7/11/97 - Partial email response received and shown as attachment to the Interpretation Subcommittee minutes. 7/2/97 - Discussed at BPS meeting. 6/26/97 - BPS crafted language to be reviewed at next meeting. 6/5/97 - BPS should wait until further response from D&B is received from the letter from TransCapacity. 5/8/97 - EC scope determination and approval of Triage recommendation and priority -- begin in June. 4/1/97 - Triage Action completed</i>	12/97	TCAP, 4/97
I	R97059	BPS	Classify the methods of transporting gas for processing and identify those methods in the nomination process STATUS: <i>5/8/97 - EC scope determination and approval of Triage recommendation and priority -- begin no later than January 1998 4/1/97 - Triage Action completed</i>	6/98	TCAP, 4/97
I	R97060	GISB	Adopt a short form Trading Partner Agreement as a GISB Operating Practice STATUS: <i>7/8/97 - Out for industry comment, Due Aug 8. 5/8/97 - EC scope determination and approval of Triage recommendation and priority 4/1/97 - Triage Action completed</i>	12/97	Enron, 4/97
I	R97061	BPS	Modify GISB Standard 1.3.14 to include terms for nominations on distribution systems behind city gates or for nominations by retail end users STATUS: <i>7/2/97 - Discussed at BPS meeting 5/8/97 - EC scope determination and approval of Triage recommendation and priority -- begin no later than July</i>	11/97	TCAP, 4/97
I	R97062	BPS	Add a mandatory data element, "Scheduled Quantity Statement Type, to the Scheduled Quantity transaction STATUS: <i>7/2/97 - Discussed at BPS meeting 5/8/97 - EC scope determination and approval of Triage recommendation and priority -- begin no later than June</i>	12/97	TCAP, 4/97
I	R97063	CS	Modify the GISB Base Contract for Short Term Purchases and Sales of Natural Gas to include the Fund Transfer Agency concept -- using two related agreements. STATUS: <i>5/8/97 - EC scope determination and approval of Triage recommendation and priority -- begin no later than July</i>	11/97	DOE, 4/97

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Gas Industry Standards Board Standards Request Log As of July 15, 1997

Req#	Group	Action Item Description/Status	Date	Requester
I	R97064	TS Correct the GISB implementation guides to use approved ASC X12 code values through requests to X12 to adopt the GISB codes, or through changes to the code values to use the X12 specified codes STATUS: <i>5/8/97 - EC scope determination and approval of Triage recommendation and priority -- as soon as possible</i>	12/97	Texaco, 4/97
I	R97065	IR TS Revise the usage of Rate Identification Code in the Capacity Release - Firm Transportation and Storage - Offer from Mandatory to Conditional STATUS: <i>5/22/97 - BPS recommends that the business intent as stated in R97065, R97066, R97067 and R97068 is agreed upon and passed to IR/Technical for implementation consistent with R97010, R97015, R97016, R97052 and R97053.</i> <i>5/8/97 - EC scope determination and approval of Triage recommendation and priority -- to begin in May</i>	12/97	Enron, 4/97
I	R97066	TS Revise the SAC Segment in Capacity Release - Firm Transportation and Storage - Offer X12 transaction from Mandatory to Conditional, required when the lesser rate indicator is "Y" STATUS: <i>6/24/97 - Discussed at BPS/IR meeting and recommendation forwarded to TS.</i> <i>5/22/97 - BPS recommends that the business intent as stated in R97065, R97066, R97067 and R97068 is agreed upon and passed to IR/Technical for implementation consistent with R97010, R97015, R97016, R97052 and R97053.</i> <i>5/8/97 - EC scope determination and approval of Triage recommendation and priority -- to begin in May</i>	12/97	Enron, 4/97
I	R97067	BPS, IR,TS Revise the usage of Rate Identification Code in the Capacity Release - Upload to the Pipeline of Prearranged Deal from Mandatory to Conditional STATUS: <i>6/24/97 - Discussed at BPS/IR meeting. Recommendation is pending. Question to be asked of BPS before proceeding.</i> <i>5/22/97 - BPS recommends that the business intent as stated in R97065, R97066, R97067 and R97068 is agreed upon and passed to IR/Technical for implementation consistent with R97010, R97015, R97016, R97052 and R97053.</i> <i>5/8/97 - EC scope determination and approval of Triage recommendation and priority -- to begin in May</i>	12/97	Enron, 4/97

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Req#	Group	Action Item Description/Status	Date	Requester
I	R97068	BPS, IR, TS Revise the SAC Segment in Capacity Release - Upload to the Pipeline of Prearranged Deal X12 transaction from Mandatory to Conditional, required when the biddable deal indicator is "Y" or the lesser rate indicator is "Y" STATUS: <i>6/24/97 - Discussed at BPS/IR meeting. Recommendation is pending. Question to be asked of BPS before proceeding.</i> <i>5/22/97 - BPS recommends that the business intent as stated in R97065, R97066, R97067 and R97068 is agreed upon and passed to IR/Technical for implementation consistent with R97010, R97015, R97016, R97052 and R97053.</i> <i>5/8/97 - EC scope determination and approval of Triage recommendation and priority -- to begin in May</i>	12/97	Enron, 4/97
I	R97069	IR Standardize the dekatherm abbreviation to Dth in all GISB standards STATUS: <i>5/8/97 - EC scope determination and approval of Triage recommendation and priority -- to begin after June</i>	12/97	Texaco, 4/97
I	R97070	BPS Add three codes to transaction type for contract demand limit overrun - fronthaul, shorthaul and backhaul STATUS: <i>6/10/97 - EC approved Triage findings determined on 6/3/97</i> <i>5/1/97 - Request received</i>	12/97	EPNG, 5/97
I	R97071	BPS Add a new standard or standards language to the current GISB Electronic Delivery Mechanism standards. The proposed standards address the use of ISA (Envelope) Sender Identification codes when sending EDI files STATUS: <i>6/10/97 - EC approved Triage findings determined on 6/3/97</i> <i>5/7/97 - Request received</i>	9/97	TCAP, 5/97
I	R97072	BPS Add a data element for a Force Balance Flag to the nominations transactions. STATUS: <i>6/10/97 - EC approved Triage findings determined on 6/3/97</i> <i>5/1/97 - Request received</i>	12/97	Sonat, 5/97
I	R97073	BPS Add a data element for offer # to the nominations and scheduled quantities transactions STATUS: <i>6/10/97 - EC approved Triage findings determined on 6/3/97</i> <i>5/9/97 - Request received</i>	12/97	Sonat, 5/97
I	R97074	BPS Add a data element for a Force Balance Flag to the nominations transaction STATUS: <i>6/10/97 - EC approved Triage findings determined on 6/3/97</i> <i>5/9/97 - Request received</i>	12/97	Sonat, 5/97

✓ - Completed, I - In Progress, Recommendation Being Prepared, V - Out for Vote or Pending Ratification Vote, P - Postponed for Later Consideration, blank - no action taken yet.



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Req#	Group	Action Item Description/Status	Date	Requester
I	R97075	BPS Add a data element for Storage Service to the nominations, request for confirmation, confirmation response and scheduled quantities transactions. STATUS: <i>6/10/97 - EC approved Triage findings determined on 6/3/97</i> <i>5/9/97 - Request received</i>	12/97	Sonat, 5/97
I	R97076	BPS Add a data element for Package ID to the request for confirmation and confirmation response transactions STATUS: <i>6/10/97 - EC approved Triage findings determined on 6/3/97</i> <i>5/9/97 - Request received</i>	12/97	Sonat, 5/97
I	R97077	BPS Add a data element for Scheduled Service to the nominations and scheduled quantities transactions. STATUS: <i>6/10/97 - EC approved Triage findings determined on 6/3/97</i> <i>5/9/97 - Request received</i>	12/97	Sonat, 5/97
✓	R97078	 Add a data element for a Storage Flag on the request for confirmation and confirmation request transactions STATUS: <i>6/10/97 - To be sent back to requester with discussion on actions taken on C97026.</i> <i>5/9/97 - Request received</i>	6/97	Sonat, 5/97
I	R97079	BPS Add a new code value to the existing data element 'Transaction Status Code' in the Nomination Quick Response (QR) to indicate a 'Partial Response - details for processed nominations follow.' STATUS: <i>6/10/97 - EC approved Triage findings determined on 6/3/97</i> <i>5/14/97 - Request received</i>	10/97	TCAP, 5/97
I	R97080	BPS Add two new data elements to the Confirmation Response document -- confirmation provider's tracking ID, Unsolicited Confirmation Response Indicator, and one data element to the Operator Scheduled Quantity Document -- confirmation provider's tracking ID. STATUS: <i>6/10/97 - EC approved Triage findings determined on 6/3/97</i> <i>5/14/97 - Request received</i>	3/97	TCAP, 5/97
I	R97081	BPS Add a code of "RD" to the BAK02 element of the 855RRFC transaction. Add (an) error/reduction reason code(s) to notify the operator of error(s). STATUS: <i>6/10/97 - EC approved Triage findings determined on 6/3/97</i>	12/97	EPNG, 5/97
I	R97082	BPS, DTF Add two Transaction Type code values to the Nomination Transaction Type table. STATUS: <i>6/10/97 - EC approved Triage findings determined on 6/3/97</i>	12/97	FGT, 5/97

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Req#	Group	Action Item Description/Status	Date	Requester
P	R97083	EC	Modify GISB Standard 1.3.1 from 9:00 a.m. to 9:00 a.m. central clock time to 9:00 a.m. to 9:00 a.m. central clock time for gas day STATUS: <i>7/10/97 -- EC reviewed request and determined to postpone action on the request.</i> <i>6/10/97 - EC to take action on July 11, 1997.</i>	TBD KN Energy, 5/97
I	R97084	IR	Add several code values to the Adjustment Type data element in the Measurement Information document (Standard 2.4.5). These same code values were added to the Measured Volume Audit Statement (Standard 2.4.6); ratified by GISB membership on February 28, 1997. STATUS: <i>6/10/97 - EC approved Triage findings determined on 6/3/97</i>	9/97 Enron, 5/97
I	R97085	BPS	Add a data element, pressure base, to the existing Measurement Information report (2.4.5). Add an optional MEA (measurement) segment to the existing Measurement Information report (2.4.5) STATUS: <i>6/10/97 - EC approved Triage findings determined on 6/3/97</i>	12/97 Texaco, 5/97
I	R97086	BPS	Add a data element -- statement type, to the Imbalance Statement transaction, with a usage code of mutually agreeable. STATUS: <i>6/10/97 - EC approved Triage findings determined on 6/3/97</i>	9/97 Transco, 6/97
I	R97087	BPS	Add three data elements to the PDA and Allocation Statement transactions: receipt location, delivery location, and transaction type. STATUS: <i>6/10/97 - EC approved Triage findings determined on 6/3/97</i>	12/97 Transco, 6/97
I	R97088	BPS	Add a data element called Capacity Release Cross Reference Contract to the data dictionary for the Invoice dataset (Standard 3.4.1) with usage code Sender's Option (SO). STATUS: <i>6/10/97 - EC approved Triage findings determined on 6/3/97</i>	10/97 Transco, 6/97
I	R97089	BPS	Add a data element, Source Location, to the Nominations transaction. STATUS: <i>6/10/97 - EC approved Triage findings determined on 6/3/97</i>	9/97 Transco, 6/97
I	R97090	BPS	Add a data element, Service Requester Contract, to the data dictionary for the Statement of Account (Standard 3.4.3) dataset with usage code Mutually Agreeable (MA). STATUS: <i>6/10/97 - EC approved Triage findings determined on 6/3/97</i>	10/97 Transco, 6/97
I	R97091	BPS	Add a new Invoicing-related Standard to describe the timeliness requirements of the Payment Remittance statement. STATUS: <i>6/10/97 - EC approved Triage findings determined on 6/3/97</i>	10/97 Transco, 6/97

✓ - Completed, I - In Progress, Recommendation Being Prepared, V - Out for Vote or Pending Ratification Vote, P - Postponed for Later Consideration, blank - no action taken yet.



Gas Industry Standards Board Standards Request Log As of July 15, 1997

Req#	Group	Action Item Description/Status	Date	Requester
I	R97092	IR	Add a mandatory data element "Accounting Period" to the Measurement Information transaction. STATUS: <i>6/10/97 - EC approved Triage findings determined on 6/3/97</i>	9/97 Transco, 6/97
I	R97093	BPS	Add three data elements with the usage code of mutually agreeable to the imbalance statement: shrinkage gas quantity, flash gas quantity, lost/unaccounted for gas quantity. STATUS: <i>6/10/97 - EC approved Triage findings determined on 6/3/97</i>	10/97 Transco, 6/97
I	R97094	BPS	Add two data elements to the Payment Remittance (Standard 3.4.2) dataset , the ABA Number (bank identification code) and the bank account number to which payment was made. STATUS: <i>6/10/97 - EC approved Triage findings determined on 6/3/97</i>	10/97 Transco, 6/97
I	R97095	IR	Add a data element, Payment Method Code, to the Data Dictionary for the Payment Remittance (Standard 3.4.2) dataset. STATUS: <i>6/10/97 - EC approved Triage findings determined on 6/3/97</i>	10/97 Transco, 6/97
I	R97096	CS	Create a standard contract for day trades. STATUS: <i>7/10/97 -- EC approved scope and triage directions Triage to determine recommendation on 7/2/97 Send the request back to Bill Hebenstreit and request a draft day trading contract form him before Triage will recommend an assignment and a priority. -- June 10, 1997</i>	12/97 year end report EPNG, 6/97
V	R97097	GISB	Technical Subcommittee recommended corrections to clean up version 1.2 STATUS: <i>6/24/97 - EC Vote to approve. Sent out for member ratification due 7/24/97 EC to vote on changes on 6/10/97 Out for industry comment due June 22, 1997</i>	6/97 TS, 6/97
V	R97098	GISB	Technical Subcommittee recommended corrections to clean up version 1.2 STATUS: <i>6/24/97 - EC Vote to approve. Sent out for member ratification due 7/24/97 EC to vote on changes on 6/10/97 Out for industry comment due June 22, 1997</i>	6/97 TS, 6/97
V	R97099	GISB	Technical Subcommittee recommended corrections to clean up version 1.2 STATUS: <i>6/24/97 - EC Vote to approve. Sent out for member ratification due 7/24/97 EC to vote on changes on 6/10/97 Out for industry comment due June 22, 1997</i>	6/97 TS, 6/97

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Req#	Group	Action Item Description/Status	Date	Requester	
V	R97100	EC	Technical Subcommittee recommended corrections to clean up version 1.2 STATUS: 6/24/97 - EC Vote to approve. Sent out for member ratification due 7/24/97 EC to vote on changes on 6/10/97 Out for industry comment due June 22, 1997	6/97	TS, 6/97
V	R97101	EC	Technical Subcommittee recommended corrections to clean up version 1.2 STATUS: 6/24/97 - EC Vote to approve. Sent out for member ratification due 7/24/97 EC to vote on changes on 6/10/97 Out for industry comment due June 22, 1997	6/97	TS, 6/97
I	R97102	LFT	Develop standards to ensure a common "look and feel" for internet web page development and operations	ASAP 12/97r	NGC, 6/97
I	R97103	BPS	Develop version and revision level of technology standards	12/97	FTTF, 6/97
I	R97104	BPS	Add a new standard to the current GISB Electronic Delivery Mechanism standards to address testing.	12/97	TCAP, 6/97
✓	R97105		Modify standard 1.3.27 to remove the data element "service provider activity code" from the set of data elements which defines the key of the nomination.	7/97	TCAP, 6/97
I	R97106	IR	Add two code values (one warning and one error) for the validation code element in the nomination Quick Response transaction.	12/97r	Enron, 6/97
I	R97107	BPS	Add an optional ASC X12 name segment, N1, to send/receive meters in the GISB Measurement Information Report.	12/97	Texaco, 7/97
✓	AP9601		Develop confirmed discount reports STATUS: Completed: Replaced by R97030	2/97	BPS
	AP9602	Triage	Develop standards for reallocations - changes to PDA STATUS: EC Action: Recommendation of Triage to be reviewed after 6/1/97 -- 2/6/97	12/97	BPS
	AP9603	Triage	Develop standards for allocations - scheduled quantity differences STATUS: EC Action: Recommendation of Triage to be reviewed after 6/1/97 -- 2/6/97	12/97	EC
	AP9604	Triage	Develop standards for PDA - level of nomination STATUS: EC Action: Recommendation of Triage to be reviewed after 6/1/97 -- 2/6/97	12/97	EC
	AP9605	Triage	Develop standards for gas quality reporting STATUS: EC Action: Recommendation of Triage to be reviewed after 6/1/97 -- 2/6/97	12/97	EC
	AP9606	Triage	Educate members on GRI billing as it related to invoicing standards STATUS: EC Action: Recommendation of Triage to be reviewed after 6/1/97 -- 2/6/97	12/97	EC

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Req#	Group	Action Item Description/Status	Date	Requester
AP9607	Triage	Develop standards for work space for batch processing STATUS: EC Action: Recommendation of Triage to be reviewed after 6/1/97 -- 2/6/97	12/97	EC
AP9608	Triage	Develop standards for 100% load factor tariff provision STATUS: EC Action: Recommendation of Triage to be reviewed after 6/1/97 -- 2/6/97	12/97	EC
AP9609	Triage	Develop standards for contingent bids procedures STATUS: EC Action: Recommendation of Triage to be reviewed after 6/1/97 -- 2/6/97	9/97	EC
AP9610	Triage	Develop standards for title/released storage STATUS: EC Action: Recommendation of Triage to be reviewed after 6/1/97 -- 2/6/97	9/97	EC
AP9611	Triage	Develop standards for minimum - condition disclosure STATUS: EC Action: Recommendation of Triage to be reviewed after 6/1/97 -- 2/6/97	12/97	EC
AP9612	Triage	Determine status of old capacity release sets, and possibly retire them STATUS: EC Action: Recommendation of Triage to be reviewed after 6/1/97 -- 2/6/97	12/97	APS, 10-96
AP9613	Triage	Develop standards for firm pooling STATUS: EC Action: Recommendation of Triage to be reviewed after 6/1/97 -- 2/6/97	9/97	APS, 10-96
AP9614	Triage	Develop standards to evaluate the pipeline's response to accepting and processing late nominations if it has available capacity STATUS: EC Action: Recommendation of Triage to be reviewed after 6/1/97 -- 2/6/97	12/97	APS, 10-96
AP9615	Triage	Determine the need for and if so, develop standards for the presentation of information on the Internet that is not transactional, such as tariffs. STATUS: EC Action: Recommendation of Triage to be reviewed after 6/1/97 -- 2/6/97	12/97	APS, 10-96
AP9616	Triage	Determine if GISB should analyze, and if so perform the analysis on standard 5.3.2 for comparability with IT service, and if the 2.5 hour difference poses competitive significance. Also develop procedures and standards if needed for capacity release to parallel IT services. RM96-14 STATUS: EC Action: Recommendation of Triage to be reviewed after 6/1/97 -- 2/6/97	6/97	APS, 10-96
AP9617	Triage	Determine if standards are needed and if so develop them for capacity release segmentation. RM96-14 STATUS: EC Action: Recommendation of Triage to be reviewed after 6/1/97 -- 2/6/97	9/97	APS, 10-96

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Req#	Group	Action Item Description/Status	Date	Requester
AP9618	Triage	Streamline the posting requirements of capacity release such that the relevant information about completed transactions is available in a single dataset. STATUS: EC Action: Recommendation of Triage to be reviewed after 6/1/97 -- 2/6/97	6/97	APS, 10-96
AP9619	Triage	Determine if GISB should take a position on if pipelines should continue to provide posting and bidding service for capacity release - and the costs associated with providing the service RM96-14 STATUS: EC Action: Recommendation of Triage to be reviewed after 6/1/97 -- 2/6/97	9/97	APS, 10-96
AP9620	Triage	Determine if GISB should define, and if so, define the additional cost of maintaining a bidding mechanism for capacity release if pipeline EBBs were replaced with more standardized Internet technologies RM96-14 STATUS: EC Action: Recommendation of Triage to be reviewed after 6/1/97 -- 2/6/97	9/97	APS, 10-96
AP9621	Triage	Analyze technology to define actions needed for development of "continuous and contiguous nominations" or "supernoms". STATUS: EC Action: Recommendation of Triage to be reviewed after 6/1/97 -- 2/6/97	12/97	FTTF, 10-96
AP9622	Triage	Determine actions needed to shorten the business cycle STATUS: EC Action: Recommendation of Triage to be reviewed after 6/1/97 -- 2/6/97	12/97	FTTF, 10-96
AP9623	Triage	Develop standard energy invoice for electric and gas customers - work with JUPUG STATUS: EC Action: Recommendation of Triage to be reviewed after 6/1/97 -- 2/6/97	12/97	FTTF, 10-96
AP9624	Triage	Determine if common data repository and common application repository is needed, and GISB's role in such. STATUS: EC Action: Recommendation of Triage to be reviewed after 6/1/97 -- 2/6/97	12/97	FTTF, 10-96

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