



# Gas Industry Standards Board

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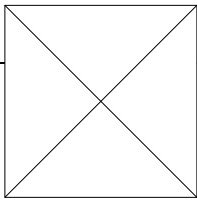
November 23, 1998

TO: GISB Members, Interested Industry Participants, Posting on the GISB Home Page

FROM: Rae McQuade, Gas Industry Standards Board Executive Director

RE: Requests for Industry Comment on Proposed Standards

The industry comment period for a set of recommended standards regarding general and nominations standards for EBB Internet Implementation and four other standards requests begins today and ends on December 14. The recommendations can be accessed from the GISB Home Page for Request Nos. R97086, R97093, R97108B R98010, and the EII Recommended Standards dated November 20, 1998. All comments received by the GISB office by end of business December 14 will be posted on the home page and forwarded to the Executive Committee members for their consideration. The Executive Committee members will consider all comments before voting on the recommended standards, planned for December 17 in New York City. The minutes of the meetings in which the recommended standards were defined can be accessed from the home page in the relevant task orce and subcommittee areas. If you have difficulty retrieving these documents, please call the GISB office at (713) 757- 4175.



## RECOMMENDATION TO GISB EXECUTIVE COMMITTEE

**Requester: Transco**

**Request No.: R97086**

### 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. TYPE OF MAINTENANCE

#### Per Request:

- Initiation
- Modification
- Interpretation
- Withdrawal
  
- Principle (x.1.z)
- Definition (x.2.z)
- Business Practice Standard (x.3.z)
- Document (x.4.z)
- Data Element (x.4.z)
- Code Value (x.4.z)
- X12 Implementation Guide
- Business Process Documentation

#### Per Recommendation:

- Initiation
- Modification
- Interpretation
- Withdrawal
  
- Principle (x.1.z)
- Definition (x.2.z)
- Business Practice Standard (x.3.z)
- Document (x.4.z)
- Data Element (x.4.z)
- Code Value (x.4.z)
- X12 Implementation Guide
- Business Process Documentation

### 3. RECOMMENDATION

Add the following data elements and code values, to the specified document(s):

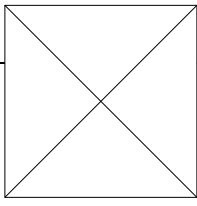
**DATA DICTIONARY** (for new documents and addition, modification or deletion of data elements)

**Document Name and No.:** Shipper Imbalance, 2.4.4

Business Name	Definition	Usage	Condition
<i>Settlement Type</i>	<i>Distinguishes between quantities that are subject to cash out provisions and those that are not.</i>	<i>MA</i>	

\* Indicates Common Code

Level: Contract Level.



## RECOMMENDATION TO GISB EXECUTIVE COMMITTEE

**Requester: Transco Request No.: R97086**

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

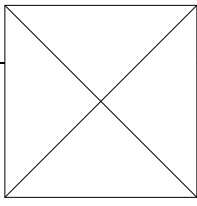
**Document Name and No.:** Shipper Imbalance, 2.4.4

Business Name	Usage	Code Value	Code Value Description	Code Value Definition
<i>Settlement Type</i>	<i>MA</i>	<i>YCO</i>	<i>Subject to cash out provisions</i>	<i>[No definition necessary]</i>
		<i>NCO</i>	<i>Not subject to cash out provisions</i>	<i>[No definition necessary]</i>

### TECHNICAL CHANGE LOG (all instructions to accomplish the recommendation)

**Document Name and No.:** Shipper Imbalance, 2.4.4

<b>Description of Change:</b>
<b>G811IMBL - Shipper Imbalance (2.4.4)</b>
<b>Data Element Xref to X12</b>
Detail SI segment - add a line "MA Settlement Type" for the SI segment after the Service Requester Contract data element.
<b>X12 Mapping</b>
Detail level SI segment (position 030): SI02: delete code value: "CR Service Requester Contract"; add note: "Refer to "SI 1000/234 Pairs (Detail)" table for usage and values."
Detail level SI segment (position 030): SI03: add following note on line before "Service Requester Contract": "Refer to "SI 1000/234 Pairs (Detail)" table for usage and values."; after Service Requester Contract, add comma and name "Settlement Type" so the data elements appear in a comma separated list; skip a blank line and add the following note: "Note: Each data element may occur in one of the 1000/234 pairs per the usage in the specified table. The data elements may occur in any order.";
Detail level SI segment (position 030): add two more SI elements to the SI segment (i.e. mark SI04 and SI05 as used); add note: "Refer to "SI 1000/234 Pairs (Detail)" table for usage and values." to both SI04 and SI05.
<b>Transaction Set Tables</b>
Create a new table: "SI 1000/234 Pairs (Detail)" and add it between the "DTM Segments (Heading)" table and the "SI 1000/234 Pairs (Sub-detail)" table.
The new "SI 1000/234 Pairs (Detail)" table will have the following columns: "Element Name", "Usage", "Elem 1000", "Elem 234", "Description"; The first row will have the following column entries (note the text in [ ] is explanatory and not to be entered in the table): Element Name column = "Service Requester Contract", Usage column = "M", Elem 1000 column = "CR", Elem 234 column = [blank], Description column = "Service Requester Contract"; [continued on next row]
"SI 1000/234 Pairs (Detail)" table - [continued] The next row will have the following column entries: Element Name column = "Settlement Type", Usage column = "MA", Elem 1000 column = "ST", Elem 234 column = "YCO", [and on next row] "NCO"; Description column = "Subject to cash out provisions", [and on next row] "Not subject to cash out provisions"; See the SI 1000/234 Pairs (Sub-detail) table for the structure.



**RECOMMENDATION TO GISB EXECUTIVE COMMITTEE**

**Requester: Transco Request No.: R97086**

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

**Shipper Imbalance, 2.4.4, Technical Implementation of Business Process**

<b>Language:</b>
See attached document for modifications.

**4. SUPPORTING DOCUMENTATION**

**a. Description of Request:**

Transco proposes that a Mutually Agreeable (MA) data element called Statement Type be added to the Imbalance Statement (Standard 2.4.3) to distinguish between Ending Imbalance Quantities that are not subject to cashout, and those Ending Imbalance Quantities that are subject to cashout.

The data element should in our view be at the same level of detail as the Ending Imbalance Quantity. Frequently, Transco has two (2) Ending Imbalance Quantities for a contract. The first Quantity represents the imbalance incurred prior to the institution of the cashout provisions, so these volumes are not subject to cashout; the second Quantity represents the imbalance incurred after the institution of the cashout provisions, so these volumes are subject to cashout.

The new data element should have two code values as follows:

- Subject to Cashout
- Not Subject to Cashout

**b. Description of Recommendation:**

**Information Requirements:** August 18, 1998

**R97086 – Transco**

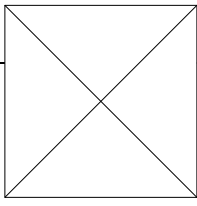
**MOTION:** Add the following data elements and code values where applicable, to the specified document(s):

**Document Name and No.:** Shipper Imbalance (2.4.4)

<b>Business Name</b>	<b>Definition</b>	<b>Usage</b>	<b>Condition</b>
Settlement Type	Distinguishes between quantities that are subject to cash out provisions and those that are not.	MA	

Level: Contract Level. If at a higher level, would require data to be repeated.





**RECOMMENDATION TO GISB EXECUTIVE COMMITTEE**

**Requester: Transco      Request No.: R97086**

**Technical Subcommittee: September 22, 1998**

Implemented as instructed by IR.

**Sense of the Room:** September 22, 1998        6   In Favor      0   Opposed

**Segment Check** (if applicable):

In Favor:         End-Users       LDCs       Pipelines       Producers       Services

Opposed:         End-Users       LDCs       Pipelines       Producers       Services

Modified original instructions to increase the number of SI elements.

**Sense of the Room:** September 23, 1998        3   In Favor      0   Opposed

**Segment Check** (if applicable):

In Favor:         End-Users       LDCs       Pipelines       Producers       Services

Opposed:         End-Users       LDCs       Pipelines       Producers       Services

**c. Business Purpose:**

Transco currently uses the Statement Types specified above to explain and communicate the nature of the Ending Imbalance Quantities presented on the Imbalance Statement. Our ability to use this data element in EDI exchanges is necessary to maintain our current level of service.

**d. Commentary/Rationale of Subcommittee(s)/Task Force(s):**

IR: See relevant minutes. Adopted as described without objection.

*Modified TIBP for Request Numbers R97086 and R97093.*

## **TECHNICAL IMPLEMENTATION OF BUSINESS PROCESS**

Contract imbalances occur when there is a difference between allocated receipt and delivery quantities, with a deduction for transportation fuel if applicable. A critical component in the development of a reliable, responsive natural gas administrative infrastructure involves the regular reporting of imbalances to the service requester (generally the shipper or its agent) by the service provider (generally the pipeline). Standard 2.3.28 addresses this by stating that "Imbalance statements should be generated at the same time or prior to the generation of the transportation invoice." The data elements described herein were identified as necessary to provide meaningful imbalance statements to all parties.

### **Mandatory and conditional data elements**

**Accounting Period:**

The accounting period to which the imbalance statement applies.

**Adjustment Type:**

A code used to identify the type of adjustment made to the imbalance quantity. This information is required only if an adjustment has been made to the imbalance quantity (such as for trades, transfers, cashout, etc.)

**Adjustment Quantity:**

The quantity, stated in standard units, of the imbalance adjustment.

**Allocated Delivery Quantity:**

The allocated delivery quantity, stated in standard units.

**Allocated Receipt Quantity:**

The allocated receipt quantity, stated in standard units.

**Beginning Flow Date/Time:**

The beginning flow date and time for the period to which the imbalance statement applies.

**Contact Person:**

Name and telephone number of the preparer company employee who is responsible for answering questions related to the information contained in the imbalance statement.

**Delivery Location:**

The common code identifying the location where the allocated quantity was delivered by the transportation service provider.

**Downstream Contract Identifier:**

Required if the Direction of Flow Indicator is a delivery. This is a contract number identified in the nomination record as the contract number of the party receiving the quantities from the service requester. The field may be blank if no information was provided on the nomination record.

**Downstream Identifier Code:**

Required if the Direction of Flow Indicator is a delivery. This would be the common code for the party identified in the nomination record as the first owner of the gas on the interconnecting operator's facility.

**Ending Flow Date/Time:**

The ending flow date and time for the period to which the imbalance statement applies.

**Ending Imbalance Quantity:**

The accumulated imbalance quantity as of the ending flow date/time.

**Fuel Quantity:**

The fuel quantity, stated in standard units, retained by the service provider for the period reflected on the imbalance statement.

**Preparer ID:**

The common code which identifies the party providing the imbalance statement.

**Receipt Location:**

The common code used to identify the location where the allocated quantity was received by the transportation service provider.

**Service Requester Contract ID:**

Identifies the service requester contract between the requester and provider.

**Statement Basis:**

A code indicating whether the imbalance information is an estimate, actual or revision. The revision code is used to identify prior period adjustments or adjustments to the imbalance quantity.

**Statement Date/Time:**

Date and time the statement was prepared.

**Statement Recipient:**

The common code which identifies the party receiving the imbalance statement.

**Upstream Contract Identifier:**

Required if the Direction of Flow Indicator is a receipt. This is the contract number identified in the nomination record as the contract number of the party supplying the quantities to the service requester. The field may be blank if no information was provided on the nomination record.

**Upstream Identifier Code:**

Required if the Direction of Flow Indicator is a receipt. This is the party identified in the nomination record as the last owner of the gas on the interconnecting operator's facility.

**Other Data Elements**

**Adjustment Value:**

The monetary value of an imbalance adjustment, if applicable to the service provider's business practices.

**Bid Transportation Rate:**

A rate which the service requester nominates in order to identify and receive different scheduling priorities for various packages of gas, if applicable to the service provider's business practices.

**Capacity Type Indicator:**

Identifies the type of capacity requested on the nomination, if both parties have agreed to support the information.



**Ending Imbalance Value:**

The accumulated imbalance value as of the ending flow date/time, if applicable to the service provider's business practices.

**Imbalance Value:**

The monetary value associated with the current period imbalance, if applicable to the service provider's business practices.

**Operational Delivery Quantity:**

An allocated delivery quantity, stated in standard units, upon which penalties or cashout are based if applicable to the service provider's business practices. This is usually initial allocated volume, which is not affected by subsequent reallocations.

**Operational Receipt Quantity:**

An allocated receipt quantity, stated in standard units, upon which penalties or cashout are based, if applicable to the service provider's business practices. This is usually the initial allocated volume, which is not affected by subsequent reallocations.

**Package ID:**

This is the identifier assigned to the transaction by the service requestor. The field will be populated if both parties have agreed to support the information and if it is provided to the statement preparer on the service requestor's nomination.

**Scheduled Delivery Quantity:**

The quantity, stated in standard units, scheduled to be delivered by the service provider. These quantities can be used to calculate penalties or cashout, if applicable to the service provider's business practices.

**Scheduled Receipt Quantity:**

The quantity, stated in standard units, scheduled to be received by the service provider. These quantities can be used to calculate penalties or cashout, if applicable to the service provider's business practices.

**Service Provider's Activity Code:**

A unique code assigned by the service provider to identify the transaction.

**Settlement Type:**

*A code indicating whether the imbalance quantities are subject to cash-out provisions.*

**Supplemental Quantity:**

*A quantity of gas that explains all or a portion of the difference between the allocated receipt quantity and the allocated delivery quantity.*

**Supplemental Quantity Type:**

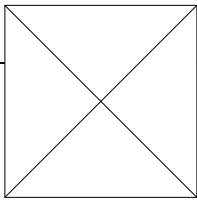
*A code specifying the type of quantity in the supplemental quantity. For a given transaction, multiple supplemental quantity types can be sent. There should be a corresponding supplemental quantity for each supplemental quantity type sent.*

**Transaction Type:**

A code used to identify the type of transaction which was requested by the service requestor and scheduled by the service provider. The default value is routine current business. The field is populated if both parties have agreed to support the information and if it is provided to the statement preparer on the service requestor's nomination.

**Zone Identifier:**

The service provider's geographic zone identification, if the service provider's business practices are such that imbalance resolution is handled at a zone level.



## RECOMMENDATION TO GISB EXECUTIVE COMMITTEE

**Requester: Transco**

**Request No.: R97093**

### 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. TYPE OF MAINTENANCE

#### Per Request:

- Initiation
- Modification
- Interpretation
- Withdrawal
  
- Principle (x.1.z)
- Definition (x.2.z)
- Business Practice Standard (x.3.z)
- Document (x.4.z)
- Data Element (x.4.z)
- Code Value (x.4.z)
- X12 Implementation Guide
- Business Process Documentation

#### Per Recommendation:

- Initiation
- Modification
- Interpretation
- Withdrawal
  
- Principle (x.1.z)
- Definition (x.2.z)
- Business Practice Standard (x.3.z)
- Document (x.4.z)
- Data Element (x.4.z)
- Code Value (x.4.z)
- X12 Implementation Guide
- Business Process Documentation

### 3. RECOMMENDATION

Add the following data elements and code values, to the specified document(s):

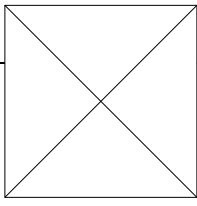
**DATA DICTIONARY** (for new documents and addition, modification or deletion of data elements)

**Document Name and No.:** Shipper Imbalance, 2.4.4

Business Name	Definition	Usage	Condition
<i>Supplemental Quantity</i>	<i>Quantity in standard units that reflects all, or a portion, of the difference between the Allocated Receipt Quantity and the Allocated Delivery Quantity.</i>	<i>SO</i>	
<i>Supplemental Quantity Type</i>	<i>Specifies the type of quantity in the Supplemental Quantity.</i>	<i>C</i>	<i>Mandatory when a Supplemental Quantity is present.</i>

\* Indicates Common Code

Level: Both at sub-sub-detal level.



**RECOMMENDATION TO GISB EXECUTIVE COMMITTEE**

**Requester: Transco Request No.: R97093**

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

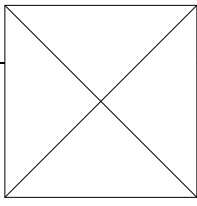
**Document Name and No.:** Shipper Imbalance, 2.4.4

<b>Business Name</b>	<b>Usage</b>	<b>Code Value</b>	<b>Code Value Description</b>	<b>Code Value Definition</b>
<i>Supplemental Quantity Type</i>	<i>C</i>	<i>PTR</i>	<i>Plant Thermal Reduction</i>	<i>The reduction in the quantity of gas resulting from liquids extraction in gas plant processing.</i>
		<i>FLASH</i>	<i>Flash Gas</i>	<i>The quantity of gas released from liquid hydrocarbons, during the liquids extraction process in gas plant processing, as a result of an increase in temperature or a decrease in pressure.</i>
		<i>UA4</i>	<i>Lost/Unaccounted For Gas</i>	<i>The quantity of gas lost or otherwise unaccounted for.</i>

**TECHNICAL CHANGE LOG** (all instructions to accomplish the recommendation)

**Document Name and No.:** Shipper Imbalance, 2.4.4

<b>Description of Change:</b>
<b>G811IMBL - Shipper Imbalance (2.4.4)</b>
<b>Data Element Xref to X12</b>
Sub-sub-detail - skip a line below the last QTY, and add a QTY line for the SO Supplemental Quantity and immediately below, add a SI line for C Supplemental Quantity Type as follows: "QTY SO Supplemental Quantity"; "SI C Supplemental Quantity Type"
<b>X12 Mapping</b>
For the QTY loop in the sub-sub-detail, change max use of QTY loop from ">1" to "10" (this is to match the 003040 X12 book). This was incorrectly specified in the version 1.3 books. It will show up in the EDISIM outline of the transaction set at the beginning of the X12 section.
Sub-sub-detail level QTY segment (position 750): QTY02: add a comma and the name "Supplemental Quantity" so the data elements appear in a comma separated list;
Sub-sub-detail level - Add a new SI segment within the QTY loop (as position 760) with an ANSI usage of Optional and a max use of 1 (to match the 003040 X12 book)
Sub-sub-detail level SI segment (position 760): SI segment notes: "For GISB, this segment is conditional. This segment is required when the corresponding QTY01 = 'VR'."
Sub-sub-detail level SI segment (position 760): SI01: code value "AP" - "American Petroleum Institute"; mark as Must Use; SI02: code value "SQ" - "Supplemental Quantity Type"; mark as Must Use; SI03: add note "Supplemental Quantity Type" ; code values: "PTR" - "Plant Thermal Reduction", "FLASH" - "Flash Gas", "UA4" - "Lost/Unaccounted For Gas"; mark as Must Use
<b>Transaction Set Tables</b>
"QTY Segments (sub-sub-detail)" table: add a new row to the end: Element Name column = "Supplemental Quantity"; Usage column = "SO"; QTY01 column = "VR"



**RECOMMENDATION TO GISB EXECUTIVE COMMITTEE**

**Requester: Transco Request No.: R97093**

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

**Shipper Imbalance, 2.4.4, Technical Implementation of Business Process**

<b>Language:</b>
See attached document for modifications.

**4. SUPPORTING DOCUMENTATION**

**a. Description of Request:**

Transco proposes that three (3) Mutually Agreeable (MA) data elements be added to the Imbalance Statement (Standard 2.4.3). These data elements are as follows:

- Shrinkage Gas Quantity
- Flash Gas Quantity
- Lost/Unaccounted for Gas Quantity

These data elements are similar to and at the same level of detail as the Fuel Quantity that currently exists on the Imbalance Statement . They represent additional types of quantities that explain the difference between received and delivered quantities. Accounting for gas quantities using these designations is a recognized accounting practice.

Definitions:

Shrinkage Gas Quantity - the reduction in the quantity of gas resulting from liquids extraction in gas plant processing.

Flash Gas Quantity - the quantity of gas released from liquid hydrocarbons as a result of an increase in temperature or a decrease in pressure.

Lost/Unaccounted for Gas Quantity - the quantity of gas lost or otherwise unaccounted for.

**b. Description of Recommendation:**

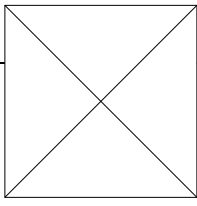
**Information Requirements:** August 18, 1998

**R97093 – Transco**

Discussed adding a field for quantity and combining the existing Fuel Quantity data element in with it. Decided not to do this because Fuel Quantity is mandatory and combining it would lose this usage.

**MOTION: Add the following data elements and code values were applicable, to the specified document(s):**

**Document Name and No.:** Shipper Imbalance, 2.4.4



**RECOMMENDATION TO GISB EXECUTIVE COMMITTEE**

**Requester: Transco Request No.: R97093**

Business Name	Definition	Usage	Condition
Supplemental Quantity	Quantity in standard units that reflects all, or a portion, of the difference between the Allocated Receipt Quantity and the Allocated Delivery Quantity.	SO	

Level: Sub-sub-detail

\* Should be able to send multiple supplemental quantities on a single document..

Business Name	Definition	Usage	Condition
Supplemental Quantity Type	Specifies the type of quantity in the Supplemental Quantity.	C	Mandatory when a Supplemental Quantity is present.

Level: Sub-sub-detail

**CODE VALUES:**

Business Name	Usage	Code Value	Code Value Description	Code Value Definition
Supplemental Quantity Type	C		Plant Thermal Reduction	The reduction in the quantity of gas resulting from liquids extraction in gas plant processing.
			Flash Gas	The quantity of gas released from liquid hydrocarbons, during the liquids extraction process in gas plant processing, as a result of an increase in temperature or a decrease in pressure.
			Lost/Unaccounted For Gas	The quantity of gas lost or otherwise unaccounted for.

\* Discussion as to whether to add indicators or separate code values, etc to state whether the quantities are, or should be, positive or negative. Decided to leave them generic. Is in tariffs or implementation guides.

\* We still need to make revisions to the TIBP for both R97086 and R97093. Jim Keisler will draft for next meeting.

**Sense of the Room:** August 18, 1998

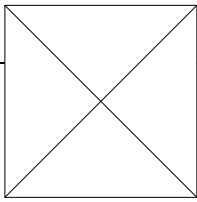
  10   In Favor   0   Opposed

**Segment Check** (if applicable):

In Favor:      End-Users      LDCs      Pipelines      Producers      Services

Opposed:      End-Users      LDCs      Pipelines      Producers      Services





**RECOMMENDATION TO GISB EXECUTIVE COMMITTEE**

**Requester: Texas Gas Transmission**

**Request No.: R97108(B)**

**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. TYPE OF MAINTENANCE**

**Per Request:**

- Initiation
- Modification
- Interpretation
- Withdrawal
  
- Principle (x.1.z)
- Definition (x.2.z)
- Business Practice Standard (x.3.z)
- Document (x.4.z)
- Data Element (x.4.z)
- Code Value (x.4.z)
- X12 Implementation Guide
- Business Process Documentation

**Per Recommendation:**

- Initiation
- Modification
- Interpretation
- Withdrawal
  
- Principle (x.1.z)
- Definition (x.2.z)
- Business Practice Standard (x.3.z)
- Document (x.4.z)
- Data Element (x.4.z)
- Code Value (x.4.z)
- X12 Implementation Guide
- Business Process Documentation

**3. RECOMMENDATION**

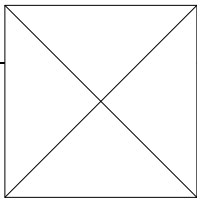
**DATA DICTIONARY** (for new documents and addition, modification or deletion of data elements)

**Nominations Related Documents:**

**Document Name and No.:** Request for Confirmation, 1.4.3

<b>Business Name</b>	<b>Definition</b>	<b>Usage</b>	<b>Condition</b>
Confirmation Service Identifier Code *	This field identifies the owner of the confirmation service contract.	C	<i>Mandatory when Confirmation Service Contract is sent.</i>  <del>For Request for Confirmation – required if Confirmation Service Contract field is populated.</del>

\* Indicates Common Code



## RECOMMENDATION TO GISB EXECUTIVE COMMITTEE

**Requester: Texas Gas Transmission**

**Request No.: R97108(B)**

**Document Name and No.:** Confirmation Response, 1.4.4

Business Name	Definition	Usage	Condition
Confirmation Service Identifier Code *	This field identifies the owner of the confirmation service contract.	C	<i>Mandatory when Confirmation Service Contract is sent.</i>  <del>Required if Confirmation Service Contract field is populated.</del>

\* Indicates Common Code

**Document Name and No.:** Scheduled Quantity, 1.4.5

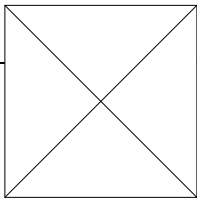
Business Name	Definition	Usage	Condition
Bid Transportation Rate	This field reflects the rate under which the shipper is requesting service.	C	Mandatory when <del>submitted</del> present and processed in the original nomination.
Downstream Contract Identifier	This field identifies the contract of the party who is receiving the quantities from the service requester.	BC (C)	Mandatory when <del>submitted</del> present and processed in the original nomination. This element is not needed when the Nominator's Tracking ID is used.
Upstream Contract Identifier	This field identifies the contract of the party who is supplying the quantities from the service requester.	BC (C)	Mandatory when <del>submitted</del> present and processed in the original nomination. This element is not needed when the Nominator's Tracking ID is used.

\* Indicates Common Code

**Document Name and No.:** Scheduled Quantity for Operators, 1.4.6

Business Name	Definition	Usage	Condition
Confirmation Service Identifier Code *	This field identifies the owner of the confirmation service contract.	C	<i>Mandatory when Confirmation Service Contract is sent.</i>  <del>Required if Confirmation Service Contract field is populated.</del>
Confirmation Service Contract	Data element used to define a confirming party's right to make the confirmation.	C (BC)	Mandatory when present and processed in the confirmation process.
Downstream Contract Identifier	This field identifies the contract of the party who is receiving the quantities from the service requester.	BC (C)	Mandatory when present and processed in the confirmation process. This element is not needed when the Confirmation <del>Requester's Tracking Number</del> Identifier is used.





**RECOMMENDATION TO GISB EXECUTIVE COMMITTEE**

**Requester: Texas Gas Transmission**

**Request No.: R97108(B)**

Upstream Contract Identifier	This field identifies the contract of the party who is supplying the quantities from the service requester.	BC (C)	Mandatory when present <i>and processed</i> in the confirmation process. This element is not needed when the Confirmation Requester's Tracking Number Identifier is used.
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\* Indicates Common Code

**Flowing Gas Documents:**

**Document Name and No.:** Allocation, 2.4.3

<b>Business Name</b>	<b>Definition</b>	<b>Usage</b>	<b>Condition</b>
Downstream Contract Identifier	This field identifies the contract of the party who is receiving the quantities from the service requester.	BC (C)	Mandatory when <i>present and processed</i> <del>originally submitted</del> in the <i>original</i> nomination.
Upstream Contract Identifier	This field identifies the contract of the party who is supplying the quantities from the service requester.	BC (C)	Mandatory when <i>present and processed</i> <del>originally submitted</del> in the <i>original</i> nomination.

\* Indicates Common Code

**Capacity Release Documents:**

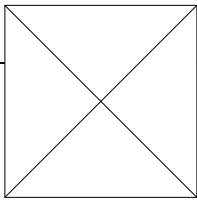
**Document Name and No.:** Firm Transportation and Storage - Offer  
 Firm Transportation and Storage - Bid Review  
 Firm Transportation and Storage - Award Notice

<b>Business Name</b>	<b>Definition</b>	<b>Usage</b>	<b>Condition</b>
Seasonal End Date	End date of the effective period of subterm or seasonal releases within the release term.	C	Mandatory when <i>present and processed</i> <del>provided</del> in the Upload to Pipeline of Prearranged Deal.
Seasonal Start Date	Start date of the effective period of subterm or seasonal releases within the release term.	C	Mandatory when <i>present and processed</i> <del>provided</del> in the Upload to Pipeline of Prearranged Deal.

\* Indicates Common Code

**Document Name and No.:** UPPD - Notification, 5.4.9

<b>Business Name</b>	<b>Definition</b>	<b>Usage</b>	<b>Condition</b>
Bidder Contact E-mail Address	The e-mail address of the bidder's primary contact.	C	Mandatory when <i>present and processed</i> <del>submitted</del> in the original UPPD.

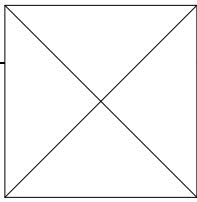


**RECOMMENDATION TO GISB EXECUTIVE COMMITTEE**

**Requester: Texas Gas Transmission**

**Request No.: R97108(B)**

Bidder Contact Fax Number	The fax number of the bidder's primary contact.	C	Mandatory when <i>present and processed</i> <del>submitted</del> in the original UPPD.
Bidder Contact Name	The name of the bidder's primary contact.	C	Mandatory when <i>present and processed</i> <del>submitted</del> in the original UPPD.
Bidder Contact Phone Number	The phone number of the bidder's primary contact.	C	Mandatory when <i>present and processed</i> <del>submitted</del> in the original UPPD.
Minimum Acceptable Total Volumetric Quantity	The minimum acceptable total volumetric quantity that the releasing shipper will entertain for the bidder to pay for on a volumetric basis.	C	Mandatory when <i>present and processed</i> <del>submitted</del> in the original UPPD.
Minimum Acceptable Volumetric Commitment Percentage	The minimum acceptable volumetric commitment percentage that the releasing shipper will entertain for the bidder to pay for on a volumetric basis.	C	Mandatory when <i>present and processed</i> <del>submitted</del> in the original UPPD.
Minimum Acceptable Volumetric Load Factor Percentage	The minimum acceptable volumetric load factor percentage utilization, provided by the releasing shipper fro transportation service providers to evaluate volumetric bids.	C	Mandatory when <i>present and processed</i> <del>submitted</del> in the original UPPD.
Minimum Volumetric Commitment Percentage	The minimum volumetric commitment percentage the bidder agrees to pay for on a volumetric basis.	C	Mandatory when <i>present and processed</i> <del>submitted</del> in the original UPPD.
Minimum Volumetric Commitment Quantity	The minimum quantity that the bidder agrees to pay for on a volumetric basis.	C	Mandatory when <i>present and processed</i> <del>submitted</del> in the original UPPD.
Release Type	A code which allows classification of the release to allow determination of any special terms in the tariff (i.e. applicable bid periods).	C	Mandatory when <i>present and processed</i> <del>submitted</del> in the original UPPD.
Releaser Contact E-mail Address	The e-mail address of the releaser primary contact.	C	Mandatory when <i>present and processed</i> <del>submitted</del> in the original UPPD.
Releaser Contact Fax Number	The fax number of the releaser primary contact.	C	Mandatory when <i>present and processed</i> <del>submitted</del> in the original UPPD.
Releaser Contact Name	The name of the releaser primary contact.	C	Mandatory when <i>present and processed</i> <del>submitted</del> in the original UPPD.
Releaser Contact Phone Number	The phone number of the releaser primary contact.	C	Mandatory when <i>present and processed</i> <del>submitted</del> in the original UPPD.



**RECOMMENDATION TO GISB EXECUTIVE COMMITTEE**

**Requester: Texas Gas Transmission**

**Request No.: R97108(B)**

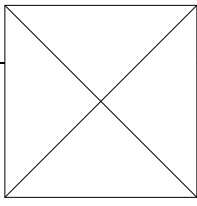
Return Addressee Contact E-mail Address	The e-mail address of the return addressee primary contact.	C	Mandatory when <i>present and processed</i> <del>submitted</del> in the original UPPD.
Return Addressee Contact Fax Number	The fax number of the return addressee's primary contact.	C	Mandatory when <i>present and processed</i> <del>submitted</del> in the original UPPD.
Return Addressee Contact Name	The name of the return addressee's primary contact.	C	Mandatory when <i>present and processed</i> <del>submitted</del> in the original UPPD.
Return Addressee Contact Phone Number	The phone number of the return addressee's primary contact.	C	Mandatory when <i>present and processed</i> <del>submitted</del> in the original UPPD.
Seasonal End Date	End date of the effective period of subterm or seasonal releases within the release term.	C	Mandatory when <i>present and processed</i> <del>provided</del> in the original UPPD.
Seasonal Start Date	Start date of the effective period of subterm or seasonal releases within the release term.	C	Mandatory when <i>present and processed</i> <del>provided</del> in the original UPPD.

\* Indicates Common Code

**TECHNICAL CHANGE LOG** (all instructions to accomplish the recommendation)

**Document Name and No.:** Request for Confirmation, 1.4.3  
 Confirmation Response, 1.4.4  
 Scheduled Quantity, 1.4.5  
 Scheduled Quantity for Operator, 1.4.6  
 Allocation, 2.4.3  
 UPPD - Notification, 5.4.9

<b>Description of Change:</b>
<b>G850RQCF - Request for Confirmation (1.4.3)</b>
<b>Transaction Set Tables</b>
"N1 Segments (Detail)" table: in "Usage:" section below the table, change C1 to the following: "C1 Mandatory when the Confirmation Service Contract (PO107) is present."
<b>G855RRFC - Confirmation Response (1.4.4)</b>
<b>Transaction Set Tables</b>
"N1 Segments (Detail)" table: in "Usage:" section below the table, change C1 to the following: "C1 Mandatory when the Confirmation Service Contract (PO107) is present."
<b>G865SQTS - Scheduled Quantity (1.4.5)</b>
<b>X12 Mapping</b>
SLN segment, SLN06; change "For GISB, this element is mandatory when submitted in the nomination" to "For GISB, this element is conditional."
<b>Transaction Set Tables</b>



**RECOMMENDATION TO GISB EXECUTIVE COMMITTEE**

**Requester: Texas Gas Transmission**

**Request No.: R97108(B)**

"SI 1000/234 Pairs (Sub-detail)" table: change usage from C1 to C4 for both Upstream Contract Identifier and Downstream Contract Identifier; add C4 in "Usage:" section below the table; "C4 Mandatory when present and processed in the original nomination."

**G865SQOP - Scheduled Quantity for Operator (1.4.6)**

**Transaction Set Tables**

"N1 Segments (Detail)" table: in "Usage:" section below the table, change C1 to the following: "C1 Mandatory when the Confirmation Service Contract (POC09) is present."

"SI 1000/234 Pairs (Sub-detail)" table: change usage from C1 to C3 for both Downstream Contract Identifier and Upstream Contract Identifier; add C3 in "Usage:" section below the table; "C3 Mandatory when present and processed in the confirmation process."

**G865ALLC - Allocation (2.4.3)**

**Transaction Set Tables**

"SI 1000/234 Pairs (Sub-detail)" table: in "Usage:" section, for conditions C1 and C2: change sentence "Mandatory when originally submitted in the nomination" to "Mandatory when present and processed in the original nomination" The rest of the notes for C1 and C2 remain the same.

**G840UDRC - UPPD - Notification (5.4.9)**

**Transaction Set Tables**

"LIN 235/234 Pairs (Heading)" table: in "Usage:" section, for condition C1: change C1 from "Mandatory when submitted in the original UPPD" to "Mandatory when present and processed in the original Offer UPPD."

"SAC Segment (Detail)" table: in "Usage:" section, for condition C4: change C4 from "Mandatory when submitted in original UPPD" to "Mandatory when present and processed in the original UPPD."

"SDQ 67/380 Pairs (Detail)" table: in "Usage:" section, for condition C1: change C1 from "Mandatory when submitted in original UPPD" to "Mandatory when present and processed in the original UPPD."

**4. SUPPORTING DOCUMENTATION**

**a. Description of Request:**

Revise the usage of the Capacity Type Indicator, contained in Standard 1.4.1 (Nominations) from Mutually Agreeable (MA) to Business Conditional (BC).

**b. Description of Recommendation:**

**Business Practices Subcommittee**

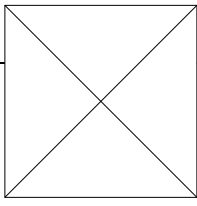
The motion was made to:

Change Standard 1.3.27 from "Capacity Type Indicator (where mutually agreed)" to "Capacity Type Indicator (when applicable)" and,

Provide the instruction to the Information Requirements Subcommittee (IR) as follows:

Change the usage code of the Capacity Type Indicator contained in Standard 1.4.1 from Mutually Agreeable (MA) to Business Conditional (BC). Change the usage code of the Capacity Type Indicator contained in Standard 1.4.5 from Mutually Agreeable (MA) to Conditional (C) with the condition of "mandatory when present and processed in the nomination".

**Sense of the Room:** October 2, 1997      14 In Favor      0 Opposed



## RECOMMENDATION TO GISB EXECUTIVE COMMITTEE

**Requester: Texas Gas Transmission**

**Request No.: R97108(B)**

**Segment Check** (if applicable):

In Favor:	<u>  1  </u> End-Users	<u>  1  </u> LDCs	<u> 10 </u> Pipelines	<u>  1 </u> Producers	<u>  1 </u> Services
Opposed:	<u>  0 </u> End-Users	<u>  0 </u> LDCs	<u>  0 </u> Pipelines	<u>  0 </u> Producers	<u>  0 </u> Services

A motion was made that:

The BPS requests that the IR review the data dictionaries for all transactions and examine the conditionality of conditional data elements which relate back to a business conditional data element. The examination of the conditional data elements would be for the conforming language of "mandatory when present and processed".

**Sense of the Room:** October 2, 1997       14  In Favor        0  Opposed

**Segment Check** (if applicable):

In Favor:	<u>  1 </u> End-Users	<u>  1 </u> LDCs	<u> 10 </u> Pipelines	<u>  1 </u> Producers	<u>  1 </u> Services
Opposed:	<u>  0 </u> End-Users	<u>  0 </u> LDCs	<u>  0 </u> Pipelines	<u>  0 </u> Producers	<u>  0 </u> Services

### Information Requirements Subcommittee

Split request into 'A', which is Capacity Type Indicator and 'B', which is revision to condition of [business] conditional data elements ("present and processed"). [R]

IR chairs will identify global revisions to the Condition of all conditional data elements that are based on 'BC' data elements. 'B' will be addressed at a subsequent IR meeting.

**Sense of the Room:** December 9, 1997        9  In Favor        0  Opposed

**Segment Check** (if applicable):

In Favor:	<u>  0 </u> End-Users	<u>  0 </u> LDCs	<u>  0 </u> Pipelines	<u>  0 </u> Producers	<u>  0 </u> Services
Opposed:	<u>  0 </u> End-Users	<u>  0 </u> LDCs	<u>  0 </u> Pipelines	<u>  0 </u> Producers	<u>  0 </u> Services

### Nomination Related Documents:

Document: Request for Confirmation, 1.4.3

Data Element: Confirmation Service Identifier Code

Modified Condition: For Request for Confirmation - required if Confirmation Service Contract field is ~~populated~~ *present and processed*.

Document: Confirmation Response, 1.4.4

Data Element: Confirmation Service Identifier Code

Modified Condition: Required if Confirmation Service Contract field is ~~populated~~ *present and processed*.

Document: Scheduled Quantity, 1.4.5

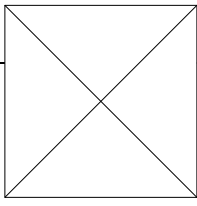
Data Element: Bid Transportation Rate

Modified Condition: Mandatory when ~~submitted~~ *present and processed* in the original nomination.

Document: Scheduled Quantity, 1.4.5

Data Element: Downstream Contract Identifier

Modified Condition: Mandatory when ~~submitted~~ *present and processed* in the original nomination. This element is not needed when the Nominator's Tracking ID is used.



**RECOMMENDATION TO GISB EXECUTIVE COMMITTEE**

**Requester: Texas Gas Transmission**

**Request No.: R97108(B)**

Document: Scheduled Quantity, 1.4.5

Data Element: Upstream Contract Identifier

Modified Condition: Mandatory when ~~submitted~~ *present and processed* in the original nomination. This element is not needed when the Nominator's Tracking ID is used.

Document: Scheduled Quantity for Operator, 1.4.6

Data Element: Confirmation Service Contract

Modified Condition: Mandatory when present *and processed* in the confirmation process.

Document: Scheduled Quantity for Operator, 1.4.6

Data Element: Confirmation Service Identifier Code

Modified Condition: Required if Confirmation Service Contract field is ~~populated~~ *present and processed*.

Document: Scheduled Quantity for Operator, 1.4.6

Data Element: Downstream Contract Identifier

Modified Condition: Mandatory when present *and processed* in the confirmation process. This element is not needed when the Confirmation ~~Requester's Tracking Number~~ *Identifier* is used.

Document: Scheduled Quantity for Operator, 1.4.6

Data Element: Upstream Contract Identifier

Modified Condition: Mandatory when present *and processed* in the confirmation process. This element is not needed when the Confirmation Tracking Identifier is used.

**Motion:** Adopt the above changes for the Nomination related data sets. In addition, as a note to BPS, the following will be sent back: IR believes that a similar process should be undertaken for Mutually Agreeable data elements. That is, IR proposes to review the data dictionaries for all transactions and examine the conditionality of conditional data elements which relate back to a mutually agreeable data element. The examination of the conditional data elements would be for the conforming language of "mandatory when present and mutually agreed to."

**Sense of the Room:** May 18, 1998                      6   In Favor                      0   Opposed

**Segment Check** (if applicable):

In Favor:               End-Users       LDCs       Pipelines       Producers       Services

Opposed:               End-Users       LDCs       Pipelines       Producers       Services

**Flowing Gas Related Documents:**

Document: Allocation

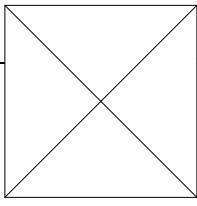
Data Element: Downstream Contract Identifier

Modified Condition: Mandatory when *present and processed* ~~originally submitted~~ in the original nomination.

Document: Allocation

Data Element: Upstream Contract Identifier

Modified Condition: Mandatory when *present and processed* ~~originally submitted~~ in the original nomination.



## RECOMMENDATION TO GISB EXECUTIVE COMMITTEE

**Requester: Texas Gas Transmission**

**Request No.: R97108(B)**

**Motion:** Adopt the above changes for the flowing gas related data sets.

**Sense of the Room:** May 18, 1998        6   In Favor        0   Opposed

**Segment Check** (if applicable):

In Favor:         End-Users       LDCs       Pipelines       Producers       Services

Opposed:         End-Users       LDCs       Pipelines       Producers       Services

### Invoicing Related Datasets:

**Motion:** No changes necessary.

**Sense of the Room:** May 18, 1998        6   In Favor        0   Opposed

**Segment Check** (if applicable):

In Favor:         End-Users       LDCs       Pipelines       Producers       Services

Opposed:         End-Users       LDCs       Pipelines       Producers       Services

### Capacity Release Related Datasets:

Document: Offer, 5.4.1, Bid Review, 5.4.2; Award Notice, 5.4.3

Data Element: Seasonal End Date

Modified Condition: Mandatory when *present and processed* ~~provided~~ in the Upload to Pipeline of Prearranged Deal.

Document: Offer, 5.4.1, Bid Review, 5.4.2; Award Notice, 5.4.3

Data Element: Seasonal Start Date

Modified Condition: Mandatory when *present and processed* ~~provided~~ in the Upload to Pipeline of Prearranged Deal.

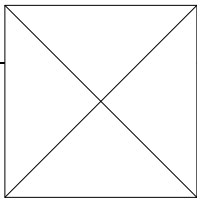
Document: UPPD - Notification, 5.4.9

Data Element: Various, see table below

Modified Condition: Various, see table below.

**Document Name and No.:**            UPPD - Notification, 5.4.9

<b>Business Name</b>	<b>Definition</b>	<b>Usage</b>	<b>Condition</b>
Bidder Contact E-mail Address	The e-mail address of the bidder's primary contact.	C	Mandatory when <i>present and processed</i> <del>submitted</del> in the original UPPD.
Bidder Contact Fax Number	The fax number of the bidder's primary contact.	C	Mandatory when <i>present and processed</i> <del>submitted</del> in the original UPPD.
Bidder Contact Name	The name of the bidder's primary contact.	C	Mandatory when <i>present and processed</i> <del>submitted</del> in the original UPPD.
Bidder Contact Phone Number	The phone number of the bidder's primary contact.	C	Mandatory when <i>present and processed</i> <del>submitted</del> in the original UPPD.



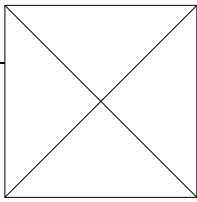
**RECOMMENDATION TO GISB EXECUTIVE COMMITTEE**

**Requester: Texas Gas Transmission**

**Request No.: R97108(B)**

Minimum Acceptable Total Volumetric Quantity	The minimum acceptable total volumetric quantity that the releasing shipper will entertain for the bidder to pay for on a volumetric basis.	C	Mandatory when <i>present and processed</i> <del>submitted</del> in the original UPPD.
Minimum Acceptable Volumetric Commitment Percentage	The minimum acceptable volumetric commitment percentage that the releasing shipper will entertain for the bidder to pay for on a volumetric basis.	C	Mandatory when <i>present and processed</i> <del>submitted</del> in the original UPPD.
Minimum Acceptable Volumetric Load Factor Percentage	The minimum acceptable volumetric load factor percentage utilization, provided by the releasing shipper from transportation service providers to evaluate volumetric bids.	C	Mandatory when <i>present and processed</i> <del>submitted</del> in the original UPPD.
Minimum Volumetric Commitment Percentage	The minimum volumetric commitment percentage the bidder agrees to pay for on a volumetric basis.	C	Mandatory when <i>present and processed</i> <del>submitted</del> in the original UPPD.
Minimum Volumetric Commitment Quantity	The minimum quantity that the bidder agrees to pay for on a volumetric basis.	C	Mandatory when <i>present and processed</i> <del>submitted</del> in the original UPPD.
Release Type	A code which allows classification of the release to allow determination of any special terms in the tariff (i.e. applicable bid periods).	C	Mandatory when <i>present and processed</i> <del>submitted</del> in the original UPPD.
Releaser Contact E-mail Address	The e-mail address of the releaser primary contact.	C	Mandatory when <i>present and processed</i> <del>submitted</del> in the original UPPD.
Releaser Contact Fax Number	The fax number of the releaser primary contact.	C	Mandatory when <i>present and processed</i> <del>submitted</del> in the original UPPD.
Releaser Contact Name	The name of the releaser primary contact.	C	Mandatory when <i>present and processed</i> <del>submitted</del> in the original UPPD.
Releaser Contact Phone Number	The phone number of the releaser primary contact.	C	Mandatory when <i>present and processed</i> <del>submitted</del> in the original UPPD.
Return Addressee Contact E-mail Address	The e-mail address of the return addressee primary contact.	C	Mandatory when <i>present and processed</i> <del>submitted</del> in the original UPPD.
Return Addressee Contact Fax Number	The fax number of the return addressee's primary contact.	C	Mandatory when <i>present and processed</i> <del>submitted</del> in the original UPPD.
Return Addressee Contact Name	The name of the return addressee's primary contact.	C	Mandatory when <i>present and processed</i> <del>submitted</del> in the original UPPD.





**RECOMMENDATION TO GISB EXECUTIVE COMMITTEE**

**Requester: Texas Gas Transmission**

**Request No.: R97108(B)**

Return Addressee Contact Phone Number	The phone number of the return addressee's primary contact.	C	Mandatory when <i>present and processed submitted</i> in the original UPPD.
Seasonal End Date	End date of the effective period of subterm or seasonal releases within the release term.	C	Mandatory when <i>present and processed provided</i> in the original UPPD.
Seasonal Start Date	Start date of the effective period of subterm or seasonal releases within the release term.	C	Mandatory when <i>present and processed provided</i> in the original UPPD.

\* Indicates Common Code

**Motion:** Adopt the above changes for the capacity release related data sets.

**Sense of the Room:** May 18, 1998        6   In Favor        0   Opposed  
**Segment Check** (if applicable):  
 In Favor:         End-Users       LDCs         Pipelines       Producers       Services  
 Opposed:         End-Users       LDCs         Pipelines       Producers       Services

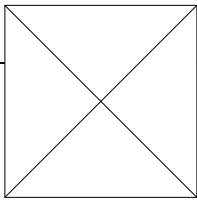
**Information Requirements Subcommittee:** August 18, 1997

**R97108B:**

Technical has questions on information passed to them by IR. The question is regarding the Condition of the Confirmation Service Identifier Code in the Request for Confirmation, Confirmation Response and Scheduled Quantity for Operator. The proposed Condition for all three documents states: "Required if Confirmation Service Contract field is present and processed."

The Conf data element is conditional on a BC data element that is in the same document, as opposed to a data element in a different document.

	<b>Conf Service Contract</b>	<b>Conf Service ID Code</b>
RFC	BC – Mandatory when confirmation is under a contract.	C - Mandatory when Confirmation Service Contract is sent
CR	BC – Mandatory when confirmation is under a contract.	C - Mandatory when Confirmation Service Contract is sent
unsolicited CR	BC – Mandatory when confirmation is under a contract.	C - Mandatory when Confirmation Service Contract is sent
SQOP	C – Mandatory when present in the confirmation process.	C - Mandatory when Confirmation Service Contract is sent



**RECOMMENDATION TO GISB EXECUTIVE COMMITTEE**

**Requester: Texas Gas Transmission**

**Request No.: R97108(B)**

Is there a concern for the unsolicited Confirmation Response – question is where is it "present"? Is not a problem. The Condition of the Confirmation Service Identifier Code applies to the Confirmation Service Contract that is contained in the same document.

**MOTION:**

Strike the phrase "and processed" from the Condition for the Confirmation Service Identifier Code data element in the Request for Confirmation, Confirmation Response and Scheduled Quantity for Operator.

**Sense of the Room:** August 18, 1998                        7   In Favor      0   Opposed  
**Segment Check** (if applicable):  
In Favor:           End-Users       LDCs       Pipelines       Producers       Services  
Opposed:           End-Users       LDCs       Pipelines       Producers       Services

**Technical Subcommittee**

**Sense of the Room:** August 17, 1998                        5   In Favor                        0   Opposed  
**Segment Check** (if applicable):  
In Favor:           End-Users       LDCs       Pipelines       Producers       Services  
Opposed:           End-Users       LDCs       Pipelines       Producers       Services

This request was considered by Technical at the 8/17/98 meeting, but there were questions about the new condition of Confirmation Service Identifier Code. These questions were passed back to IR. IR answered the questions and revised the condition and the technical implementation for the Confirmation Service Identifier Code was developed.

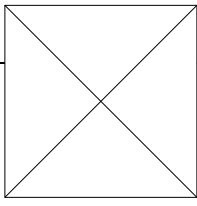
**Sense of the Room:** September 22, 1998                        6   In Favor                        0   Opposed  
**Segment Check** (if applicable):  
In Favor:           End-Users       LDCs       Pipelines       Producers       Services  
Opposed:           End-Users       LDCs       Pipelines       Producers       Services

**c. Business Purpose:**

Consistency of conditions for BC data elements across data sets.

**d. Commentary/Rationale of Subcommittee(s)/Task Force(s):**

IR: Implemented per BPS recommendation, no objections noted. Modified per Technical Subcommittee's questions by IR on August 18, 1998. Recommendation form reflects modifications.



## RECOMMENDATION TO GISB EXECUTIVE COMMITTEE

**Requester: Exxon**

**Request No.: R98010**

### 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. TYPE OF MAINTENANCE

#### Per Request:

- Initiation
- Modification
- Interpretation
- Withdrawal
  
- Principle (x.1.z)
- Definition (x.2.z)
- Business Practice Standard (x.3.z)
- Document (x.4.z)
- Data Element (x.4.z)
- Code Value (x.4.z)
- X12 Implementation Guide
- Business Process Documentation

#### Per Recommendation:

- Initiation
- Modification
- Interpretation
- Withdrawal
  
- Principle (x.1.z)
- Definition (x.2.z)
- Business Practice Standard (x.3.z)
- Document (x.4.z)
- Data Element (x.4.z)
- Code Value (x.4.z)
- X12 Implementation Guide
- Business Process Documentation

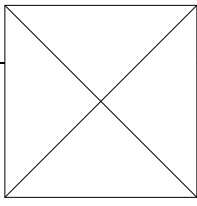
### 3. RECOMMENDATION

Add 'Payment Remittance Total Amount' data element, to header level of Payment Remittance and modify the definition of 'Paid Amount' data element, as detailed below"

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

**Document Name and No.:** Payment Remittance, 3.4.2

Business Name	Definition	Usage	Condition
Payment Remittance Total Amount (Pmt Remit Tot Amt)	The total amount of the payment which is the sum of all paid amounts.	M	
Paid Amount (Pd Amt)	Amount paid on the specified invoice.	M	



## RECOMMENDATION TO GISB EXECUTIVE COMMITTEE

**Requester: Exxon**

**Request No.: R98010**

**Document Name and No.:** Statement of Account, 3.4.3

Business Name	Definition	Usage	Condition
Paid Amount (Pd Amt)	Amount paid <i>on the specified invoice.</i>	SO	

\* Indicates Common Code

### TECHNICAL CHANGE LOG (all instructions to accomplish the recommendation)

**Document Name and No.:** Payment Remittance, 3.4.2

<b>Description of Change:</b>
<b>G820PYRM - Payment Remittance (3.4.2)</b>
<b>Data Element Xref to X12</b>
Header BPR segment: add another line above data element "Payment Method Code" as "M Payment Remittance Total Amount"
<b>Sample X12 Transaction</b>
BPR segment: change 0 in BPR02 to 35.01. Resulting BPR will be "BPR*C*35.01*C*CHK"
<b>X12 Mapping</b>
Header BPR (position 020): BPR02: delete element note: "For GISB, send zero"; add note: "Payment Remittance Total Amount"

## 4. SUPPORTING DOCUMENTATION

### a. Description of Request:

The ANSI Compliance Team requests the addition of the data element "Payment Remittance Total Amount" to the Payment Remittance data dictionary. The X12 use of this data element is to report the total payment amount for the Payment Remittance.

### b. Description of Recommendation:

#### Information Requirements:

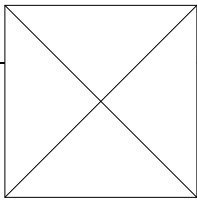
**R98010 – Exxon** -- Add 'Payment Remittance Total Amount' to Payment Remittance.

Currently there is a note in the implementation guide stating that the ANSI data element should be populated with a 'zero'. It is possible to send multiple invoices on one Payment Remittance. The existing GISB data element 'Paid Amount' is per invoice. The new data element is the total of the entire payment remittance document. This data is used by ANSI where payments are concerned to unambiguously state the amount of the entire payment remittance.

#### MOTION:

Add the following data element to the Payment Remittance:

Data Element: Payment Remittance Total Amount



**RECOMMENDATION TO GISB EXECUTIVE COMMITTEE**

**Requester: Exxon**

**Request No.: R98010**

Abbreviation: Pmt Remit Tot Amt  
Definition: The total amount of the payment which is the sum of all Paid Amounts in this Payment Remittance.  
Usage: M

Revise the definition of the existing 'Paid Amount' data element:

Current Definition: Amount paid.

Revised Definition: Amount paid on the specified invoice.

**Sense of the Room:** October 13, 1998                        7   In Favor      0   Opposed

**Segment Check** (if applicable):

In Favor:             End-Users         LDCs         Pipelines         Producers         Services

Opposed:             End-Users         LDCs         Pipelines         Producers         Services

**Technical Subcommittee:**

**Sense of the Room:** October 30, 1998                        7   In Favor      0   Opposed

**Segment Check** (if applicable):

In Favor:             End-Users         LDCs         Pipelines         Producers         Services

Opposed:             End-Users         LDCs         Pipelines         Producers         Services

**c. Business Purpose:**

When sending a Payment Remittance, the X12 standard is to send the total amount paid in the X12 document. This is a required X12 field. However, there is no corresponding GISB data element to use in this field. In the current GISB mapping, a zero is sent in the X12 field which should contain the payment remittance total amount. This is incorrect since it implies that the total payment amount is zero. If the "Payment Remittance Total Amount" data element is added to the GISB data dictionary, the correct value can be mapped to and communicated in this field.

**d. Commentary/Rationale of Subcommittee(s)/Task Force(s):**

IR: See relevant minutes. Adopted as described without objection.

**Gas Industry Standards Board EBB Internet Implementation Task Force  
Standards Recommended by the Task Force as of November 20, 1998  
Sent Out For Industry Comment -- Due December 14, 1998**

Rev. Std.	Meeting Date	Language
--------------	-----------------	----------

**REVISIONS TO EXISTING STANDARDS**

- |       |                        |  |
|-------|------------------------|--|
| 4.2.8 | 3-Sep-98,<br>16-Oct-98 | "Content Area" is the term used to describe the area directly to the right of the Navigational Area of the browser display. When the Navigational Area is not displayed the entire browser display is content area.  |
| 4.3.2 | 2-Nov-98               | On time stamping, data leaves control of the originator by the same time (deadline), regardless of mechanism (3rd party service provider time stamp is acceptable) and 15 minutes of communication time should be available to allow accumulation of all transactions to the pipeline. A standard network protocol (TCP/IP) should be in service for direct connect to the pipeline designated site by 4/1/97. |
| 4.3.8 | 2-Nov-98               | The minimum acceptable protocol should be HTTP. All sending and receiving parties should be capable of sending and receiving using HTTP.   |

**NEW DEFINITIONS**

- |      |                       |  |
|------|-----------------------|--|
| d 9  | 1-Oct-98<br>20-Nov-98 | "Form" is the term used to describe the portion of the Content Area of the browser display on Customer Activities Web sites used for single transaction entry as well as, optionally, data selection. The Form should be either in the upper portion of the Content Area or, alternatively, a single page linked to the Matrix.  |
| d 10 | 1-Oct-98<br>20-Nov-98 | "Matrix" is the term used to describe the portion of the Content Area of the browser display on the Customer Activities Web sites used to display selected data entered on the Form and, when appropriate, for data entry. The Matrix should be either the lower portion of the Content Area (that area below the Form) or, alternatively, a single page linked to the Form. |

**NEW PRINCIPLES**

- |      |           |   |
|------|-----------|---|
| p 10 | 20-Aug-98 | As a general guideline, the initial phase of each business function category (of a multiple phase implementation) of "common look and feel" for Internet transactions that are not currently standardized should begin subsequent to the implementation of the currently standardized data sets to the Web. This does not preclude the implementation of new standardized data sets as they become available. |
| p 16 | 2-Nov-98  | Transportation Service Provider EDM implementations should minimize the number of outbound ports required to be opened on the client-side firewall.   |

**NEW STANDARDS**

- |     |                       |   |
|-----|-----------------------|---|
| s 8 | 14-Aug-98<br>2-Nov-98 | The sub-categories and the labels for the category of Nominations should appear, if applicable, in the Navigational Area as follows: <ul style="list-style-type: none"> <li>• Nomination</li> <li>• Confirmation</li> <li>• Scheduled Quantity</li> </ul> Links supporting additional sub-categories will follow these links. This does not preclude a further breakdown within each sub-category from being listed in the Navigational Area. |
|-----|-----------------------|---|

**Gas Industry Standards Board EBB Internet Implementation Task Force  
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s 24	3-Sep-98 10-16-98	On the Nominations Web page, data should be organized in the Form in logical groupings. The logical groupings of data are specified in the Nominations Data Dictionary.														
s 39	1-Oct-98	On Customer Activities Web sites, nominations data entry should be available on the Form and the Transportation Service Provider may also provide for nominations data entry on the Matrix.														
s 40	1-Oct-98 2-Nov-98	On the nominations data entry screen, data should be organized in logical groupings as defined in the Data Dictionary. The initial data element should be: <table border="0"> <tr> <td><u>DATA GROUP</u></td> <td><u>INITIAL ELEMENT</u></td> </tr> <tr> <td>Business Entity</td> <td>Transportation Service Provider</td> </tr> <tr> <td>Contracts</td> <td>Service Requester Contract</td> </tr> <tr> <td>Dates</td> <td>Beginning Date</td> </tr> <tr> <td>Receipt</td> <td>Receipt Location</td> </tr> <tr> <td>Delivery</td> <td>Delivery Location</td> </tr> <tr> <td>Transaction Specific</td> <td>Service Provider's Activity Code</td> </tr> </table> <p>If the initial element is not present, the next supported data element becomes the initial element for that data group.</p>	<u>DATA GROUP</u>	<u>INITIAL ELEMENT</u>	Business Entity	Transportation Service Provider	Contracts	Service Requester Contract	Dates	Beginning Date	Receipt	Receipt Location	Delivery	Delivery Location	Transaction Specific	Service Provider's Activity Code
<u>DATA GROUP</u>	<u>INITIAL ELEMENT</u>															
Business Entity	Transportation Service Provider															
Contracts	Service Requester Contract															
Dates	Beginning Date															
Receipt	Receipt Location															
Delivery	Delivery Location															
Transaction Specific	Service Provider's Activity Code															
s 41	1-Oct-98	In the Form area of the nominations data entry screen, the data groups should appear in the following order: Business Entity, Contract, Dates, Receipt, Delivery and Transaction Specific.														
s 44	1-Oct-98 20-Nov-98	When the Form and the Matrix for Customer Activities Web sites are separate Web pages, a subset of the Form may be included by the Transportation Service Provider in the upper Content Area of the Matrix page.														
s 45	16-Oct-98	The nominations data area of Customer Activities Web sites should include a Form and a Matrix. The Form and the Matrix may be combined into one if no left and right scrolling is required to enter a nomination.														

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s 46	16-Oct-98	<p>On the nominations data entry screen, fields in the data groups on the Form should appear in the following order:</p> <p>Business Entity Data Group:</p> <ol style="list-style-type: none"> <li>1. Transportation Service Provider</li> <li>2. Service Requester</li> </ol> <p>Contracts Data Group:</p> <ol style="list-style-type: none"> <li>1. Service Requester Contract</li> <li>2. Model Type</li> </ol> <p>Dates Data Group:</p> <ol style="list-style-type: none"> <li>1. Beginning Date</li> <li>2. Beginning Time</li> <li>3. Ending Date</li> <li>4. Ending Time</li> </ol> <p>Receipt Data Group:</p> <ol style="list-style-type: none"> <li>1. Receipt Location</li> <li>2. Upstream Contract Identifier</li> <li>3. Upstream Identifier Code</li> <li>4. Receipt Quantity</li> <li>5. Receipt Rank (Priority)</li> <li>6. Upstream Rank (Priority)</li> <li>7. Upstream Package ID</li> </ol> <p>Delivery Data Group:</p> <ol style="list-style-type: none"> <li>1. Delivery Location</li> <li>2. Downstream Contract Identifier</li> <li>3. Downstream Identifier Code</li> <li>4. Delivered Quantity</li> <li>5. Delivery Rank (Priority)</li> <li>6. Downstream Rank (Priority)</li> <li>7. Downstream Package ID</li> </ol> <p>Transaction Specific Data Group:</p> <ol style="list-style-type: none"> <li>1. Service Provider's Activity Code</li> <li>2. Transaction Type</li> <li>3. Package ID</li> <li>4. Associated Contract</li> <li>5. Bid Transportation Rate</li> <li>6. Capacity Type Indicator</li> <li>7. Deal Type</li> <li>8. Nominator's Tracking ID</li> </ol>
s 50	2-Nov-98	<p>On Customer Activities Web sites, the following standard nomenclature should be used for processing functions, when the associated function is supported by the Transportation Service Provider (TSP). TSPs may also support additional processing functions. [Please refer to the table in the appendix for the abbreviations]</p>
s 51	2-Nov-98	<p>Transportation Service Providers should be limited to the GISB approved list of available TCP ports and UDP ports for EDM implementations included in the Appendix of the Electronic Delivery Mechanism Related Standards Manual under Client Firewall Requirements for Service Provider EDM Implementations.</p>
s 52	2-Nov-98	<p>Transportation Service Provider EDM implementations should not require any inbound ports to be opened on the client-side firewall.</p>

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s 55	2-Nov-98	Providers of Customer Activities Web sites, at their discretion, may provide alternate views to data and transactions in addition to the GISB basic views. The alternate views should not replace GISB basic views and should be offered as separate views, if available. If an alternate view is offered, the GISB basic view should be the default view and clearly labeled as the GISB basic view. Any alternate or enhanced views must offer the same business result as the basic view and be accessible to all applicable users. The basic views must offer the same business result as the alternate or enhanced views and be accessible to all applicable users.												
s 56	2-Nov-98	The Content Area of the nominations browser display should provide access to a query or listing of receipt and delivery point location names/common codes from which to pick, in order to populate this data during transaction entry or selection.												
s 57	2-Nov-98	Validation Messages for nominations submitted should contain at least the same level of detail for GISB EBB/EDM as EDI/EDM.												
s 58	2-Nov-98	Data fields used to populate or control population of other fields can be placed before the fields to be populated. If these data elements apply to the entire Content Area they can appear in the Header. If the Transportation Service Provider elects to place such data fields in an order outside of the standardized order, the labels for these data fields should be distinguishable through visual cues from the labels of data elements in the standardized order.												
s 62	2-Nov-98	Each data element which has been submitted for standardization in the GISB process should follow the GISB ordered data elements on the Form within a data group selected by the Transportation Service Provider.												
s 63	2-Nov-98 20-Nov-98	On the confirmation data entry screen, the data groups should be organized in logical groupings as defined in the Data Dictionary. The initial data element should be: <table style="margin-left: 40px; border: none;"> <tr> <td style="border-bottom: 1px solid black;"><u>DATA GROUP</u></td> <td style="border-bottom: 1px solid black;"><u>INITIAL ELEMENT</u></td> </tr> <tr> <td>Business Entity</td> <td>Confirmation Requester</td> </tr> <tr> <td>Contracts</td> <td>Confirmation Service Contract</td> </tr> <tr> <td>Dates</td> <td>Beginning Date</td> </tr> <tr> <td>Location</td> <td>Location</td> </tr> <tr> <td>Transaction Specific</td> <td>Contractual Flow Indicator</td> </tr> </table>	<u>DATA GROUP</u>	<u>INITIAL ELEMENT</u>	Business Entity	Confirmation Requester	Contracts	Confirmation Service Contract	Dates	Beginning Date	Location	Location	Transaction Specific	Contractual Flow Indicator
<u>DATA GROUP</u>	<u>INITIAL ELEMENT</u>													
Business Entity	Confirmation Requester													
Contracts	Confirmation Service Contract													
Dates	Beginning Date													
Location	Location													
Transaction Specific	Contractual Flow Indicator													

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s 64	2-Nov-98	<p>On the confirmation data entry screen, one of the following confirmation views should be supported:</p> <ul style="list-style-type: none"> <li style="padding-left: 40px;">Location View</li> <li style="padding-left: 40px;">Contract View</li> </ul> <p>On the confirmation data entry screen for the location view, the data groups should appear in the following order:</p> <ul style="list-style-type: none"> <li style="padding-left: 40px;">Business Entity</li> <li style="padding-left: 40px;">Dates</li> <li style="padding-left: 40px;">Location</li> <li style="padding-left: 40px;">Contracts</li> <li style="padding-left: 40px;">Transaction Specific</li> </ul> <p>On the confirmation data entry screen for the contract view, the data groups should appear in the following order:</p> <ul style="list-style-type: none"> <li style="padding-left: 40px;">Business Entity</li> <li style="padding-left: 40px;">Contracts</li> <li style="padding-left: 40px;">Dates</li> <li style="padding-left: 40px;">Location</li> <li style="padding-left: 40px;">Transaction Specific</li> </ul>
s 65	2-Nov-98	<p>On the Scheduled Quantity Web page, data should be organized in logical groupings. The logical groupings of data are specified in the Scheduled Quantity Data Dictionary.</p>
s 68	20-Nov-98	<p>On the confirmation data entry screen, fields in the data groups should appear in the following order:</p> <p>Business Entity Data Group:</p> <ol style="list-style-type: none"> <li>1. Confirmation Requester</li> <li>2. Confirming Party</li> <li>3. Transaction Identifier</li> </ol> <p>Contracts Data Group:</p> <ol style="list-style-type: none"> <li>1. Confirmation Service Contract</li> <li>2. Confirmation Service Identifier Code</li> </ol> <p>Dates Data Group:</p> <ol style="list-style-type: none"> <li>1. Beginning Date</li> <li>2. Beginning Time</li> <li>3. Ending Date</li> <li>4. Ending Time</li> </ol> <p>Location Data Group:</p> <ol style="list-style-type: none"> <li>1. Location</li> </ol> <p>Transaction Specific Data Group:</p> <ol style="list-style-type: none"> <li>1. Contractual Flow Indicator</li> <li>2. Upstream Identifier/Downstream Identifier Code</li> <li>3. Upstream Contract/Downstream Contract Identifier</li> <li>4. Service Requester</li> <li>5. Service Requester Contract</li> <li>6. Package ID</li> <li>7. Quantity</li> <li>8. Reduction Reason (Confirmation Purposes Only)</li> <li>9. Receipt Rank (Priority)/ Delivery Rank (Priority)</li> <li>10. Upstream Package/Downstream Package ID</li> <li>11. Associated Contract</li> <li>12. Confirmation Tracking Identifier</li> </ol>

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s 69	20-Nov-98	<p>On the Scheduled Quantity Web page, fields in the data groups on the Form should appear in the following order:</p> <p>Business Entity Data Group:</p> <ol style="list-style-type: none"> <li>1. Transportation Service Provider</li> <li>2. Service Requester</li> <li>3. Statement Date/Time</li> </ol> <p>Contracts Data Group:</p> <ol style="list-style-type: none"> <li>1. Service Requester Contract</li> <li>2. Model Type</li> </ol> <p>Dates Data Group:</p> <ol style="list-style-type: none"> <li>1. Beginning Date</li> <li>2. Beginning Time</li> <li>3. Ending Date</li> <li>4. Ending Time</li> </ol> <p>Receipt Data Group:</p> <ol style="list-style-type: none"> <li>1. Receipt Location</li> <li>2. Upstream Contract Identifier</li> <li>3. Upstream Identifier</li> <li>4. Receipt Quantity</li> <li>5. Receipt Rank (Priority)</li> <li>6. Upstream Package ID</li> </ol> <p>Delivery Data Group:</p> <ol style="list-style-type: none"> <li>1. Delivery Location</li> <li>2. Downstream Contract Identifier</li> <li>3. Downstream Identifier</li> <li>4. Delivery Quantity</li> <li>5. Delivery Rank (Priority)</li> <li>6. Downstream Package ID</li> </ol> <p>Transaction Specific Data Group:</p> <ol style="list-style-type: none"> <li>1. Reduction Reason</li> <li>2. Service Provider's Activity Code</li> <li>3. Transaction Type</li> <li>4. Package ID</li> <li>5. Associated Contract</li> <li>6. Bid Transaction Rate</li> <li>7. Capacity Type Indicator</li> <li>8. Deal Type</li> <li>9. Nominator's Tracking ID</li> <li>10. Fuel Quantity</li> </ol>
s 70	20-Nov-98	<p>The scheduled quantity Web page of Customer Activities Web sites should include a Form and a Matrix. The Form and the Matrix may be combined into one if no left and right scrolling is required.</p>

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s 71	20-Nov-98	<p>On the Scheduled Quantity Web page, fields in the data groups on the Form should appear in the following order:</p> <p>Business Entity Data Group:</p> <ol style="list-style-type: none"> <li>1. Transportation Service Provider</li> <li>2. Service Requester</li> <li>3. Statement Date/Time</li> </ol> <p>Contracts Data Group:</p> <ol style="list-style-type: none"> <li>1. Service Requester Contract</li> <li>2. Model Type</li> </ol> <p>Dates Data Group:</p> <ol style="list-style-type: none"> <li>1. Beginning Date</li> <li>2. Beginning Time</li> <li>3. Ending Date</li> <li>4. Ending Time</li> </ol> <p>Receipt Data Group:</p> <ol style="list-style-type: none"> <li>1. Receipt Location</li> <li>2. Upstream Contract Identifier</li> <li>3. Upstream Identifier</li> <li>4. Receipt Quantity</li> <li>5. Receipt Rank (Priority)</li> <li>6. Upstream Package ID</li> </ol> <p>Delivery Data Group:</p> <ol style="list-style-type: none"> <li>1. Delivery Location</li> <li>2. Downstream Contract Identifier</li> <li>3. Downstream Identifier</li> <li>4. Delivery Quantity</li> <li>5. Delivery Rank (Priority)</li> <li>6. Downstream Package ID</li> </ol> <p>Transaction Specific Data Group:</p> <ol style="list-style-type: none"> <li>1. Reduction Reason</li> <li>2. Service Provider's Activity Code</li> <li>3. Transaction Type</li> <li>4. Package ID</li> <li>5. Associated Contract</li> <li>6. Bid Transaction Rate</li> <li>7. Capacity Type Indicator</li> <li>8. Deal Type</li> <li>9. Nominator's Tracking ID</li> <li>10. Fuel Quantity</li> </ol>

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**Appendix  
STATUS: Comment Period Began 10-18-98**

**Abbreviation Table for Recommended Standard s23**

Full Name	Abbreviation
Customer Activities	Customer Activities
Nominations	Nominations
Flowing Gas	Flowing Gas
Invoicing	Invoicing
Capacity Release	Capacity Release
Contracts	Contracts
Informational Postings	Info Postings
Site Maps	Site Maps
Nomination Area	Nominations
Nomination	Nom
Nomination Quick Response	Nom QR
Request for Confirmation	Req for Conf
Confirmation Response	Conf Resp
Confirmation Response Quick Response	Conf Resp QR
Scheduled Quantity	Sched Qty
Scheduled Quantity For Operators	Sched Qty Oper
Flowing Gas Area	Flowing Gas
Pre-determined Allocation	PDA
Pre-determined Allocation Quick Response	PDA QR
Allocation	Allocation
Shipper Imbalance	Shipper Imbal
Measurement Information	Meas Info
Measured Volume Audit Statement	Meas Vol Audit
Invoicing Area	Invoicing
Invoice	Invoice
Service Requester Level Charge/Allowance Invoice	Svc Req Invc
Payment Remittance	Pmt Remit
Statement of Account	Stmt of Acct
Capacity Release Area	Capacity Release
Offers	Offers
Bids	Bids
Awards	Awards
Contracts Area	Contracts

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**Gas Industry Standards Board EBB Internet Implementation Task Force  
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**Appendix  
STATUS: Comment Period Began 11-23-98**

**Abbreviation Table for Recommended Standard s50**

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

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

**Gas Industry Standards Board EBB Internet Implementation Task Force  
Standards Recommended by the Task Force as of November 20, 1998  
Sent Out For Industry Comment -- Due December 14, 1998**

**Appendix  
STATUS: Comment Period Began 11-23-98**

**Implementation Guide Recommendations -- November 2, 1998**

**Client Firewall Requirements for Service Provider EDM Implementations**

[To be placed in the Electronic Delivery Mechanism Related Standards manual as implementation guidelines]

The following is a list of allowable TCP ports available for use by a Service Provider. Upon request, the Transportation Service Provider (TSP) should indicate to their trading partners which specific ports they will require to be opened to conduct electronic communication.

Allowable TCP Ports (not UDP ports):	
HTTP	80, 5713, 6112, 6304, 8674, 7403
SSL	443
ICA	1494
RMI(Java)	1099-1100
Java Telnet	31415
TCP Optional	8001-8020 <sup>1</sup>
Allowable UDP Ports (not TCP ports):	
Secure ICA	1604

There are other technologies available that will require additional ports to be opened, such as FTP, Telnet, and SMTP. If and when GISB approves such technologies, FTF will modify this list of allowable ports accordingly.

The client-side firewall implementation and client browser settings should permit the downloading and installation of GISB approved plug-ins and modules. Please refer to the GISB defined Minimum Technical Characteristics for Accessing Customer Activities Web Sites for the listing of plug-ins and modules.

These guidelines will be reviewed and updated by the Future Technology Task Force, at a minimum, by the spring of each year and presented to the GISB Executive Committee for adoption by the June meeting of that group.

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<sup>1</sup> The reservation of 20 optional ports was to provide room for implementations such as DCE, IIOF, and load balancing implementations. TSPs should endeavor to minimize the usage of these ports.