



# Gas Industry Standards Board

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February 19, 1997

**TO:** GISB Members  
**FROM:** Rae McQuade, Executive Director  
**RE:** Ratification Ballot Supporting Materials

We have prepared a more complete document of the standards that were adopted by the Executive Committee on January 9 and February 5. The document can be accessed on the GISB Home Page in the "Executive Committee" area.

Please feel free to call the GISB office if you need any further information in preparing your ballot which was sent to you on February 12.

cc: Dennis Holbrook  
Laurie Paulson



**GAS INDUSTRY STANDARDS BOARD  
STANDARDS ADOPTED BY THE EXECUTIVE COMMITTEE  
ON JANUARY 9 AND FEBRUARY 5, 1997**

R96005

Develop standards for Gas Metered Volume Statements

Adopt as a principle: Parties that exchange measured volume audit statements electronically should use the GISB standard format.

Adopt the following data set as for the Measured Volume Audit Statement.

2.4.6 -- Measured Volume Audit Statement Data Dictionary:

Business Name	Definition	Usage	Condition
Statement Type	Specifies the statement as original, replacement or advance notification.	M	
Statement Date/Time	Date and time statement was produced	M	
Beginning Flow Date/time	The date and time on which this measurement was taken.	M	
Ending Flow Date/Time	Date and time at which the measurement ended	M	
Meter Operator*	The party contractually responsible for the measurement of gas at a meter	M	
Meter ID	The Operator's ID number for the measurement device being reported	M	Proprietary meter number
Device Station Number	The station number assigned to this device by the operator	M	
Upstream Party*	Identifies the party from whom gas is flowing	SO	
Downstream Party*	Identifies the party to whom gas is flowing	SO	
Contact Person	The name and telephone number of the contact for questions regarding the reported measurement information	M	
Physical Meter Effective Date	The effective date of physical meter information	M	
Measured Quantity	The quantity as measured in MMBTU's	M	
Business Period	Current or prior period indicator	M	Default is Current
Tube Inside Diameter	The inside diameter measurement of the tube	C	Conditional on meter type
Maximum Static Pressure Range	Specifies the maximum value of the static pressure range	M	
Minimum Static Pressure Range	Specifies the minimum value of the static pressure range	M	
Maximum Differential Pressure	Specifies the maximum value of the differential pressure	C	Used only for orifice meters. Conditional on meter type
Orifice Diameter	Measurement of the diameter of the orifice plate.	C	Conditional on meter type
Chart Revolution Time	Specifies the chart revolution time for this metering device	C	Conditional on meter type



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Business Name	Definition	Usage	Condition
Reporting Pressure Base	Pressure base used in reporting volume in MCF's	M	Default is 14.73
Reporting Temperature	Temperature used to report volume if different from actual temperature.	C	Used only if different than actual temperature. Conditional on temperature (31)
Temperature Range Maximum	The maximum temperature range for the recorder.	SO	
Temperature Range Minimum	The minimum temperature range for the recorder	SO	
Atmospheric Pressure	The site atmospheric pressure measurement	SO	
Flow Period	The length of time flow	M	
Tap Location	The location of the meter tap. Locations are upstream or downstream.	C	
Component Percentage	The percentage of a component of gas	SO	
Heating Factor	Quality information for measurement in MMBTU	BC	Mandatory for measurement in Dekatherms.
Specific Gravity	The ratio of the weight of a given volume of a substance at a given temperature to the weight of an equal volume of a standard substance at the same temperature.	M	
Temperature	The temperature of the gas flow	SO	
Static Pressure	The static pressure (PSIA) for the meter during the flow period	C	Conditional on meter type
Differential Pressure	The differential pressure for the meter during the flow period	C	Conditional on meter type
Tap Type	Identifies the tap as flange or pipe	C	Conditional on meter type Tap types are flange and pipe
Meter Status	Identifies the meter as active, removed, or on standby	M	Default is active.
Number Dials	Specifies the number of dials for a positive meter	C	Used for positive meters only. Conditional on meter type.
Volume Cycle	Identifies the volume cycle for a positive meter	C	Used for positive meters only. Conditional on meter type.



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Business Name	Definition	Usage	Condition
Chromatograph	Specifies the source of gas quality information. (Sample device is Chromatograph)	C	
Volume	The quantity of gas expressed in MCF.	M	
Flow Rate	The flow rate EFM orifice meter.	C	
Coefficient	Provides coefficient factor	C	
Integrated Differential	Provides the integrated differential	C	Not used for EFM orifice or positive meters. Conditional on meter type.
Index Differential	Provides the indexed differential	C	Not used for EFM orifice or positive meters. Conditional on meter type.
Pressure Factor	Specifies the pressure factor for positive meter measurement.	BC	Used for positive meters only.
Sample Type	Specifies the sample as spot or accumulated	C	Used only when quality information is provided. Conditional on sample device .
Gas Analysis Effective Date	Specifies the date the gas quality information was determined	BC	Mandatory when quality information is provided.
Date/Time On	Specifies the date and time for which measurement began	C	Conditional on meter type - chart
Date/Time Off	Specifies the date and time for which measurement ended	C	Conditional on meter type - chart
Component	Identifies the gas component being reported	BC	Mandatory when quality information is provided.
Meter Type	Identifies the type of meter being used.	M	
PI Data Ref. Number	Nominatable point as defined in the PI Data Reference Number Database	SO	
Machine Constant	Conversion factor for scanners or analyzers	C	Conditional on meter type - chart
Sample Device	Type of equipment used for sampling	M	
Static Pressure Indicator	Indicates the starting point for measuring Static pressure. Gauge starts at zero and absolute starts at 14.73 PSI at sea level	M	Default is PSIA.

R96010

Add a Scheduled Quantity Transaction to support sending the transaction to operators, producers and end users



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The current Scheduled Quantity document handles data at the Service Requester level. Standard 1.3.2 states "... receipt of scheduled quantities by shipper and point operator ...". Following is a separate document for addressing receipt of scheduled quantities by the operator.

1.4.6 - Scheduled Quantity for Operator -- Proposed New Data Dictionary

Business Name	Definition	Usage	Condition
Beginning Date	This is the date that a transaction is to be initiated. It includes the century.	M	
Beginning Time	This is the time that a transaction is to be initiated. If the Beginning Time is not sent, the time defaults to the beginning of the gas day.	M	
Confirmation Requester's Tracking Number	This is created by the originator of the process. It is line item specific and is used by the originator of the process to tie request for confirmation to confirmation response. It is not validated by the receiver of the process nor is it a key in the receiver of the process' database. The receiver of the process will not track this number but merely echo it back in the response document. This number is used for EDI only and will not be added to EBBs.	C	Mandatory when present in the confirmation process.
Confirmation Service Contract	Data element used to define a confirming party's right to make the confirmation.	C (BC)	Mandatory when present in the confirmation process.
Confirmation Service Identifier Code *	This field identifies the owner of the confirmation service contract.	C	Required if Confirmation Service Contract field is populated.
Contractual Flow Indicator	Indicates the logical direction of flow at a point from the originator's perspective. May be different than physical flow.	M	
Downstream Contract Identifier	This field identifies the contract of the party who is receiving the quantities from the service requester.	C (BC)	Mandatory when present in the confirmation process. This element is not needed when the Confirmation Requester's Tracking Number is used.



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Business Name	Definition	Usage	Condition
Downstream Identifier Code *	This field identifies the party who is receiving the quantities from the service requester.	C	Required if 'Delivery' is specified in Contractual Flow Indicator. This element is not needed when the Confirmation Requester's Tracking Number is used.
Ending Date	This is the last date that the transaction is to finish. It includes the century.	M	
Ending Time	This is the time at which the transaction is to finish. If the Ending Time is not sent, the time defaults to the end of the gas day.	M	
Location *	The location where the quantity will be scheduled by the transportation service provider.	M	
Package ID	Service Requester assigned identification number used to differentiate between discrete business transactions.	C	Mandatory when present in the confirmation process. This element is not needed when the Confirmation Requester's Tracking Number is used.
Preparer ID *	The name and address of the business party preparing the report.	M	
Quantity	The amount expressed is a quantity per gas day in standard units.	M	
Reduction Reason	A code identifying the reason that the nominated quantity has been rejected or reduced.	SO	
Service Requester *	Identifies the party requesting the service or their agent.	C	Mandatory when present in the confirmation process.
Service Requester Contract	This is the contract under which service is being requested.	C	Mandatory when present in the confirmation process.
Statement Recipient ID *	Required if 'Receipt' is specified in Contractual Flow Indicator. This element is not needed when the Confirmation Requester's Tracking Number is used.	M	
Upstream Contract Identifier	This field identifies the contract of the party who is supplying the quantities to the service requester.	C (BC)	Mandatory when present in the confirmation process. This element is not needed when the Confirmation Requester's Tracking Number is used.



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Business Name	Definition	Usage	Condition
Upstream Identifier Code *	This field identifies the party who is supplying the quantities to the service requester.	C	Required if 'Receipt' is specified in Contractual Flow Indicator. This element is not needed when the Confirmation Requester's Tracking Number is used.

R96012      Modify Confirmation and Confirmation Response Transactions to support receipt rank and delivery rank data element

Add data elements receipt rank and delivery rank to the confirmation process to add flexibility to the confirming parties' business process of confirming gas transactions. The Usage Code and Condition used in the confirmation documents are different from those used in the nomination documents.

Confirmation and Confirmation Response Data Dictionary Changes

Business Name	Definition	Usage	Condition
Receipt Rank (Priority)	This is the scheduling rank (priority) assigned to the quantities on the downstream side of the flange at the receipt location. Priority 1 means the highest priority. Priorities 2, 3, etc. are in descending order of priority. Quantities assigned the same rank will be scheduled on a pro rata basis.	MA	<b>Provided by the Confirmation Requester</b>
Delivery Rank (Priority)			

R96013      Modify Nominations and Scheduled Quantity Transactions to support additional values for transaction types

Add code values to the transaction type data element for the nomination and scheduled quantity document to allow customers to designate: (1) nominated overruns on their injections into and withdrawals out of storage; (2) extended receipt/delivery service. Transaction Type is 'mandatory' in the Nomination and 'conditional' in the Scheduled Quantity document.

Transaction Type Code Values for Nomination --

Business Name	Usage	Code Value	Code Value Description
Transaction Type	M	Authorized Injection Overrun	Storage injections above contract capacity rights.
Transaction Type	M	Authorized Withdrawal Overrun	Storage withdrawals above contract capacity rights.



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Transaction Type	M	Extended Receipt/Delivery Service	Service requester seeks to nominate beyond the zone(s) or outside the path(s) of his/her primary contract rights.
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Transaction Type Code Values for Scheduled Quantity --

Business Name	Usage	Code Value	Code Value Description
Transaction Type	C	Authorized Injection Overrun	Storage injections above contract capacity rights.
Transaction Type	C	Authorized Withdrawal Overrun	Storage withdrawals above contract capacity rights.
Transaction Type	C	Extended Receipt/Delivery Service	Service requester seeks to nominate beyond the zone(s) or outside the path(s) of his/her primary contract rights.

R96014

Modify Nominations Transaction to support offer type data element

Add a data element, deal type, to allow the shipper to choose from multiple transportation arrangements. Make associated revisions to the error/warning messages for the the Quick Response document.

Nominations Data Dictionary Proposed Changes

Business Name	Definition	Usage	Condition
Deal Type	A Transportation Service Provider supplied identifier which allows the Service Requester to specify the specific transportation arrangement under a contract and receipt/delivery. The transportation arrangements may vary in terms of rates, volume commitments, fuel requirements or other terms offered by the Transportation Service Provider.	MA	Used if the Transportation Service Provider offers the ability for different arrangements under a contract and receipt/delivery.

\* Indicates Common Code

Scheduled Quantity Data Dictionary Proposed Changes

Business Name	Definition	Usage	Condition
Deal Type	A Transportation Service Provider supplied identifier which allows the Service Requester to specify the specific transportation arrangement under a contract and receipt/delivery. The transportation arrangements may vary in terms of rates, volume commitments, fuel requirements or other terms offered by the Transportation Service Provider.	C	Mandatory when submitted in the original Nomination. This element is not needed when the Nominator's Tracking Number is used.

Prepared February 12, 1997



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R96015      Modify Nominations Transaction to support fuel method indicator type data element

Add a third value in the quantity type indicator field in the nominations transaction to identify whether it is the receipt or delivery quantity on the nomination that is kept whole. The valid values for this field are R- Receipt, D- Delivery, and B- Both. The value B indicates the customer intention to have both quantities kept whole.

R96016      Modify Nominations Transaction to support source 2 data element

Add an associated contract data element to the Nominations data sets and to the PDA, Allocation Statement and Invoice, defined as: Associated contract that provides rights or information needed to process a transaction with respect to service requester's contract. Data Dictionary Changes to the Nominations Related Transactions, PDA, Allocation Statement & Invoice Transactions:

Business Name	Definition	Usage	Condition
Associated Contract	Associated contract that provides rights or information needed to process a transaction with respect to service requester's contract.	MA	

R96023      Modify Nominations Related Standards to include storage contract number data element

Add 'associated contract' data element to the nominations and scheduled quantities transactions.

Data Dictionary Changes for Nominations Transaction

Business Name	Definition	Usage	Condition
Associated Contract	Associated contract that provides rights or information needed to process a transaction with respect to service requester's contract.	MA	

Data Dictionary Changes for Scheduled Quantities Transaction

Business Name	Definition	Usage	Condition
Associated Contract	Associated contract that provides rights or information needed to process a transaction with respect to service requester's contract.	C	Mandatory when submitted in the original Nomination. This data element is not needed when the Nominator's Tracking Number is used.

R96024      Modify Nominations Related Standards to include delivered quantity data element.

Data Dictionary Changes for Nominations Transaction



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Business Name	Definition	Usage	Condition
Delivered Quantity	The quantity to be delivered.	MA	This quantity may be used when the Quantity Type = 'R (Receipt)' and the quantity specified in the Quantity data element is the receipt quantity. This element is only used on the Pathed Model and the pathed portion of the Pathed Non-Threaded model.

R96026      Modify Nominations Quick Response Transaction to add four new error codes

Add two additional error codes for validation code data element for upstream rank missing and downstream rank missing.

Validation Code Code Values

Business Name	Usage	Code Value	Code Value Description
<i>Validation Code</i>	<i>M (C)</i>	<i>Upstream Rank Missing</i>	
<i>Validation Code</i>	<i>M (C)</i>	<i>Downstream Rank Missing</i>	

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

Replace GISB Std. 3.3.21 with the following:

The Statement of Account should report outstanding balances by invoice.

R96032      Modify the Nominations Related Standards to add additional codes to the reduction reason and transaction type data elements  
Add code values for two data elements -- 'Reduction Reason' and 'Transaction Type', as reflected in the following two tables. The additional 'Reduction Reason' code values will be used to specify the reason that a nomination quantity has been rejected or reduced. The additional 'Transaction Type' code values will be used to nominate different types of transactions. The code value descriptions will be drafted by the appropriate task forces or subcommittees.

Nomination (Usage "M") and Scheduled Quantity (Usage "C") Proposed Code Value Changes:

Business Name	Usage	Code Value	Code Value Description
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Business Name	Usage	Code Value	Code Value Description
Transaction Type		Meter Bounce (Was requested as 'Storage Fly By'. METF suggests rename.)	<b>TBD -- Describes a "fly by" or "bounce" situation where gas changes contracts at an interconnect, but does not leave the TSP's system. However, the interconnecting TSP monitors the "bounce".</b>
Transaction Type		Storage Inventory Cycling (Was requested as 'Must Turn Provision'. METF suggests rename.)	TBD -- Applies to storage injection and withdrawal cycling requirements.

Scheduled Quantity Proposed Code Value Changes

Business Name	Usage	Code Value	Code Value Description
Reduction Reason	SO	Confirmation Response Not Received for Delivery Location (Was requested as 'Delivery Operator Did Not Confirm'. METF suggests rename.)	<b>TBD -- For a pathed nomination, the Service Requester needs to know whether the Confirmation Response that was not received is for the receipt or delivery location.</b>
Reduction Reason	SO	Confirmation Response Not Received for Receipt Location (Was requested as 'Receipt Operator Did Not Confirm'. METF suggests rename.)	TBD -- For a pathed nomination, the Service Requester needs to know whether the Confirmation Response that was not received is for the receipt or delivery location.
Reduction Reason	SO	Confirming Party Reduction at Delivery Location	TBD -- For a pathed nomination, the Service Requester needs to know whether the quantity that was reduced is for the receipt or delivery location.
Reduction Reason	SO	Confirming Party Reduction at Receipt Location	TBD -- For a pathed nomination, the Service Requester needs to know whether the quantity that was reduced is for the receipt or delivery location.
Reduction Reason	SO	Storage Ratchet Provision	TBD --

R96037

Modify Payment Remittance Transaction to add three new data elements - disputed line item amount paid, unit price paid, quantity paid

Add data elements to the Payment Remittance Statement to further define disputed amounts at the line item level and provide for the nature of the dispute (price or quantity). Line item information will provided only on invoice lines in dispute. The data elements are described in the table below.

Payment Remittance Data Set Proposed Changes

Change	Data Element	Usage	Additional Condition
Add	Unit Price Paid	SO	Mandatory if this element is in dispute
Add	Quantity Paid	SO	Mandatory if this element is in dispute



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Change	Data Element	Usage	Additional Condition
Add	Amount Paid on Disputed Line	C	Mandatory if line number exists
Modify	Line Number	SO	Mandatory if disputing an invoice line.
Delete	Price Tier	BC	

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

The definition of Allocation Rank Level should be revised to show that 1 is the highest priority and priority is order in descending order from 1 to 999 for Rank method, to ensure consistent implementation by Allocation Preparers,. In the Percentage Method, percentages are recorded as 1 to 100 for percentages of 1% to 100%. For the Rank method priority 1 means the highest priority. Priority 2, 3, and following are in descending order of priority. Quantities assigned the same rank will be allocated on a pro rata basis. For the Percentage method enter the appropriate percentage.

R96040      Modify the Request for Confirmation and confirmation Response Transactions for the definition of contractual flow indicator

Definition of "Contractual Flow Indicator" data element in the Request for Confirmation and Confirmation Response data dictionaries should be changed to: Indicates the logical direction of flow at a point from the *confirmation request* originator's perspective -- which may be different from physical flow.

Proposed Changes to the Request for Confirmation Data Dictionary

Business Name	Definition	Usage	Condition
Contractual Flow Indicator	Indicates the logical direction of flow at a point from the <i>confirmation request</i> originator's perspective. May be different than physical flow.	M	

Proposed Changes to the Confirmation Response Data Dictionary

Business Name	Definition	Usage	Condition
Contractual Flow Indicator	Indicates the logical direction of flow at a point from the <i>confirmation request</i> originator's perspective. May be different than physical flow.	M	

\* Indicates Common Code

R96041      Modification of Capacity Release Related Standards

Adopt the changes recommended by the Market Initiation Task Force regarding capacity release, but delay implementation of formatting changes.

R96043      Modify the Nominations Transactions to add additional values to the transaction type data element



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Add a new code value to the data element transaction type: "Authorized Point Overrun" and modify code 02 code value to "Authorized Contract Overrun" for the data element transaction type in the nominations data set.

Proposed Code Value Changes for the Nominations Data Set

Business Name	Usage	Code Value	Code Value Description
Transaction Type	M	01	Current Business (default)
		02	Authorized Contract Overrun
		03	Imbalance Payback from Pipeline
		04	Imbalance Payback to Pipeline
		05	Plant Thermal Reduction
		06	Injection
		07	Withdrawal
		08	Pooling
		43C	Authorized Point Overrun

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

Change the usage code for the Service Requester Contract on the confirmation response to conditional "C" with the condition of: where the information was supplied in the original request for confirmation -- to be consistent with the other documents and their response documents.

Changes to the Data Dictionary for Confirmation Response

Business Name	Definition	Usage	Condition
Service Requester Contract	This is the contract under which service is being requested.	C	<i>Mandatory when provided in the request for confirmation. This element is not needed when the Confirmation Requester's Tracking Number is used.</i>

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

In the Confirmation Response document, change the usage of the Upstream Contract Identifier from business conditional (BC) to conditional (C), with the condition of where the information was supplied in the original request for confirmation -- to be consistent with the other documents and their response documents.

Changes to the Data Dictionary for Confirmation Response

Business Name	Definition	Usage	Condition
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Upstream Contract Identifier	This field identifies the contract of the party who is supplying the quantities to the service requester	C	<i>Mandatory when provided in the request for confirmation.</i> This field is used by transportation service providers who confirm by contract at custody transfer locations (e.g. pipeline to pipeline interconnects, pooling points, logical points).
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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

In the Confirmation Response document, change the usage of the Downstream Contract Identifier from business conditional (BC) to conditional (C), with the condition of where the information was supplied in the original request for confirmation -- to be consistent with the other documents and their response documents.

Proposed Changes to the Confirmation Response Data Dictionary

Business Name	Definition	Usage	Condition
Downstream Contract Identifier	This field identifies the contract of the party who is receiving the quantities from the service requester	C	Mandatory when provided in the request for confirmation. This field is used by transportation service providers who confirm by contract at custody transfer locations (e.g. pipeline to pipeline interconnects, pooling points, logical points).

R96054

Modify the Request for Confirmation and the Confirmation Response Transactions to include a new data element - service requester

Add a data element "Service Requester" to the Request for Confirmation and Confirmation Response dataset. Usage would be Mutually Agreeable (MA) in the Request for Confirmation and Conditional (C) in the Confirmation Response dataset. Adding the Confirmation Requester's identification to the confirmation process supplies meaningful information to the operator. While the contract is the information more familiar to the requester, the requester ID is more familiar to the confirming party.

Proposed Changes to the Request for Confirmation Data Dictionary

Business Name	Definition	Usage	Condition
Service Requester *	Identifies the party requesting the service, or their agent.	MA	

Proposed Changes to the Confirmation Response Data Dictionary

Business Name	Definition	Usage	Condition
Service Requester *	Identifies the party requesting the service, or their agent.	C	

\* Indicates Common Code

R96055

Modify the Invoice Related Standards to refer to the data element invoice code as invoice identifier



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Change the name of the data element Invoice Code (sometimes referred to as an Invoice number) to Invoice Identifier to eliminate confusion created by the name. The word code in a data element traditionally means that the data element is tied to a table in the implementation guide which contains code values. This data element is generated as a unique number by the service provider.

Invoice Data Set Proposed Data Dictionary Changes

Business Name	Definition	Usage	Condition
Invoice Identifier	Unique identification identifier assigned by the preparer.		

R96063 Add abbreviations developed by the Market Settlement Task Force for the invoicing functions.

Add abbreviations for the invoicing functions. Standard 3.3.2 requires the use of standard field name descriptors on paper invoices. Since paper invoices have a limited number of spaces for printing descriptions, abbreviations will be used to describe the data elements on the paper invoices. The standard abbreviations are available for each invoice data element.

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.

Add one new data element (retained quantity) and incorporate two existing data elements (production area indicator gas transaction point 1 zone) into the Upload of Pre-Arranged Deals data set. The data elements are required in order to process full requirements prearranged transactions.

R96066 Modify the Transportation/Sales Invoice to add two data elements -- electronic funds transfer due data, and electronic funds transfer remittance address.

Modify the Transportation/Sales Invoice to add two data elements -- electronic funds transfer due data, and electronic funds transfer remittance address. The two new data elements would allow the service provided to offer different due dates for electronic funds vs. check. It would also allow for two remittance addresses. One for check payment and one for electronic funds.

Data Dictionary Changes for the Invoice Transaction

Business Name	Definition	Usage	Condition
Electronic Funds Transfer Due Date	Invoice Due Date for parties paying the invoice in electronic funds	BC	
Electronic Funds Transfer Address	Address that electronic funds should be sent.	BC	

R96068 Modify the nominations and shipper imbalance transaction to add transaction type codes.



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Add new code values to the Transaction Type Indicator in the nomination to delineate further types of business for park, loan, park withdrawal, and loan payback.

Business Name	Usage	Code Value	Code Value Description
Transaction Type	M	01	Current Business (default)
		02	Authorized Overrun
		03	Imbalance Payback from Pipeline
		04	Imbalance Payback to Pipeline
		05	Plant Thermal Reduction
		06	Injection
		07	Withdrawal
		08	Pooling
		68I	Park
		68K	Loan
27	Park Withdrawal		
29	Loan Payback		

R96069      Modify the nomination quick response transaction to add a warning message

Add a code value "Other Warning" to the validation code data element or the nomination quick response transaction. This code will be used only when a more specific code value does not apply and will be accompanied by a validation message. The validation message will be conditional rather than as it is currently defined as sender's option with the condition defined when the code value selected is other warning.

Business Name	Usage	Code Value	Code Value Description
Validation Code	M (C)	Other warning -- This code will be used only when a more specific code value does not apply and will be accompanied by a validation message.	

R96073      Modify the invoice transaction to add service codes

Add a code value of other to the data element "Service Code" to be used only when a more specific code values does not apply.

Business Name	Usage	Code Value	Code Value Description
Service Code	M	Other	Other Services -- This code will be used only when a more specific code value does not apply

R96077      Modify the nominations related standards to conform to GISB business practices

Make changes to Nominations Related Transactions:



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1. Delete 'Future Quantity Status Code' data element from Nomination Quick Response per GISB standard 1.2.5
2. Revise definition of 'Package ID' to conform to GISB standard 1.3.24 and change usage code in the nomination to Sender's Option. Definition reads: "Service Requester assigned identification number used to differentiate between discrete business transactions."
3. Modify language of Nominations Transaction from "Service Provider is not obligated to edit or validate the Package ID" to "Service Provider is not obligated to validate the Package ID, and should return the Package ID as received as applicable in the dataset(s) transmitted to the Service Requester.

Make changes to Quick Response, Request for Confirmation, Confirmation Response and Scheduled Quantity Transactions to implement GISB standard 1.3.24:

1. Delete the Quick Response warning message which states that the Package ID is not processed.
2. Add existing Package ID data element to the Request for Confirmation and Confirmation Response documents as conditional.
3. The usage code of the package ID in the Scheduled Quantity document will be revised to "C".

R96085

Modify the nomination transactions to add reduction reason codes

Add capacity recalled code value to the reduction reason data element for Scheduled Quantities Transaction.

Scheduled Quantities

Business Name	Usage	Code Value	Code Value Description
Reduction Reason	SO	PCC	Pipeline Capacity Constraint
		CBL	Contract Balancing
		CRI	Credit Issues
		FMJ	Force Majeure
		PLM	Pipeline Maintenance
		CRN	Confirmation Response Not Received
		CPR	Confirming Party Reduction
		ECM	Exceeded Contract MDQ
		EPM	Exceeded Point MDQ
		PLC	Pipeline Curtailment
		GQS	Gas Quality Specifications Not Met

R96092

Modify the allocation statement data dictionary so that Beginning Flow Date/Time and Ending Flow Date/Time are split into four elements

Make a default of the beginning and end of the gas day for the time element in the flowing gas and invoicing transaction sets. The data dictionary should be changed to reflect the default. The data elements would be left as is in the data sets. The data dictionary changes apply to the Pre-determined Allocation (2.4.1), the Allocation Statement (2.4.3), the Shipper Imbalance (2.4.4), and the Measurement Information Statement (2.4.5), and the Invoice (3.4.1). The elements and descriptions are :  
Beginning Flow Date - The date on which the transportation/ transaction first started.



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Beginning Flow Time - The time in which the transportation/ transaction first started. If the Beginning Flow Time is not sent, the time defaults to the beginning of the gas day.  
 Ending Flow Date - The date on which the transportation/ transaction ended.  
 Ending Flow Time - The time in which the transportation/ transaction ended. If the Ending Flow Time is not sent, the time defaults to the end of the gas day.

R96098      Modify the Transportation/Sales Invoice "Charge Type" element to add codes values  
 Add three codes to the charge type data element in the Invoice transaction -Volumetric Relinquishment GRI credit, Volumetric Relinquishments and Acquisitions, and Volumetric GRI.

Business Name	Usage	Code Value	Code Value Description
Volumetric Relinquishment GRI Credit	MA		GRI volumetric credit associated with capacity releases released on a volumetric basis at a equivalent demand rate of less than max.
Volumetric Relinquishments and Acquisitions	MA		To indicate volumetric release transactions
Volumetric GRI	MA		Volumetric GRI charge.

R96100      Modify the Payment Remittance to allow for multiple service requesters per billable party  
 Restructure the X12 mapping of the Statement of Payment Remittance to allow for two more levels of detail to be allowed on a mutually agreeable basis.

R96101      Modify usage requirement of Service Requester and Account Number in Payment Remittance and Invoice datasets  
 Change the usage code for the data element "Account Number" in the Invoice Data Set from Mutually agreeable to Sender's Option. Also, change the usage code in the Payment Remittance Data set for the Data Element "Account Number" from Mutually Agreeable to Conditional required if sent in the Invoice Data Set.

R96103      Modify Invoice dataset, Beginning Flow Date/Time and Ending Flow Date/Time to be Beginning Production Period and Ending Production Period  
 Change to the name of two data elements in the Invoice Data Set: "Beg Flow Date/Time" and "End Flow Date/Time", and provide for two other data elements as described in the chart below. Times for beginning and ending of the Transaction periods , when not provided, should be defaulted as described in the chart below.



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<b>Business Name</b>	<b>Definition</b>	<b>Usage</b>	<b>Condition</b>
Beginning Transaction Date	Where the transaction began during the invoice period, the Month, Day, and Year. Where the transaction began during a prior invoice period, the beginning of the subject invoice period.	M	
Beginning Transaction Time	Where the transaction began during the invoice period, the time. Where the transaction began during a prior invoice period, the beginning of the subject invoice period. If the beginning transaction time is not sent, the time defaults to the beginning of the gas day.	M	
Ending Transaction Date	Where the transaction ended during the invoice period, the Month, Day, and Year. Where the transaction is continuing as of the end of the invoice period, the end of the subject invoice period.	M	
Ending Transaction Time	Where the transaction ended during the invoice period, the time. Where the transaction is continuing as of the end of the invoice period, the end of the subject invoice period. If the ending transaction time is not sent, the time defaults to the end of the gas day.	M	

R96104      Modify definition of Limit Value in Pre-determined Allocation data dictionary

Change the Flowing Gas Implementation Guide definition of "Limit Value" in the Pre-determined Allocation data dictionary from - "Additional information for gas allocated using the ranking method to allow limitation of variances on a transaction." - to - "Additional information for gas allocated to allow limitation of variances on a transaction".

<b>Business Name</b>	<b>Definition</b>	<b>Usage</b>	<b>Condition</b>
Limit Value	Additional information for gas allocated to allow limitation of variances on a transaction.	BC	

R96105      Add additional error codes and warning codes to Pre-determined Allocation Quick Response

Add additional warning codes for the PDA Quick Response.

- PDA date/time range is longer than nomination period. Did not process beyond nomination period.
- PDA date/time range is shorter than nomination period. PDA's for remaining nomination period defaulted to pro-rata.
- No PDA information is necessary.
- Limit Value not processed for under production.

<b>Business Name</b>	<b>Usage</b>	<b>Code Value</b>	<b>Code Value Description</b>
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Validation Code	C		PDA date/time range is longer than nomination period. Did not process beyond nomination period.
Validation Code	C		PDA date/time range is shorter than nomination period. PDA's for remaining nomination period default to pro-rata if no PDA is submitted.
Validation Code	C		No PDA information is necessary.
Validation Code	C		Limit Value not processed for under production.

R96108

Add error codes and warning codes to Nomination Quick Response

Add new warning messages (code values) to the Validation Code data element in the Nomination Quick Response document as shown in the table below.

Business Name	Usage	Code Value	Code Value Description
Validation Code	M (C)	108C 108D 108E 108F 108G 108H 108I 108J 108K 108L 108M 108N 108O	Service requester contract quantity exceeded Maximum daily injection quantity exceeded Maximum daily withdrawal quantity exceeded Receipt zone entitlement exceeded Delivery zone entitlement exceeded Zone entry quantity exceeded Zone exit quantity exceeded Zone limit exceeded Access area zone limit exceeded Receipt Location not a firm point Delivery Location not a firm point Incorrect Ending Time. Defaulted to end of gas day. Node quantity exceeded.

R96112

Identify and assign adjustment reason codes for prior period adjustments on the Measurement Information Statement

Update to the Flowing Gas Implementation Guide to add sixteen new codes to the "Adjustment Type" Data Element codes table in the Measured Volume Audit Statement Transaction Data Set.

Business Name	Definition	Usage	Condition
Adjustment Type		C	

Business Name	Usage	Code Value	Code Value Description
Adjustment Type	C		Invalid Gas Sample
			Quality data received late
			Incorrect chromatograph assignment / data
			Measured change not received
			Volume estimate - no data received



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			Estimate replaced with actual: late
			Mechanical field equip. failure
			Late notification of station turn on
			EFM communication failure
			Incorrect EFM station configuration
			Integration/Scan process incorrect
			Invalid calculation type
			Incorrect gas quality
			Data /entry error
			Audit review - no adj. necessary
			Missing data, no volume estimate.