



## RECOMMENDATION TO GISB EXECUTIVE COMMITTEE

Requester: Enron

Request No.: R97084

### 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
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- Data Element (x.4.z)
- Code Value (x.4.z)
- X12 Implementation Guide
- Business Process Documentation

### 3. RECOMMENDATION

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

**Document Name and No.:** Measurement Information, 2.4.5 (Add code value descriptions and definitions)  
 Measured Volume Audit Statement, 2.4.6 (Add code value definitions only)

Business Name	Usage	Code Value	Code Value Description	Code Value Definition
Adjustment Type	C	IGS	Invalid Gas Sample	<i>The original gas analysis taken was invalid and has been replaced. Examples of invalid gas samples include: liquids in the sample bottle, non-heated sample, calibration of equipment, etc.</i>

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		QRL	Quality Data Received Late	<i>Estimated quality data is replaced with actual. Original gas analysis data was not received in time to calculate volumes.</i>
		ICA	Incorrect Chromatograph Assignment/Data	<i>Previous data replaced with best available data. Gas chromatograph was assigned incorrectly to a station.</i>
		MCN	Measured Change Not Received	<i>A measurement parameter change occurred at the physical meter (e.g., plate change, static range change, etc.) and was not received in time to calculate volumes.</i>
		VEN	Volume Estimate - No Data Received	<i>Estimate replaced with best available data. No actual data received.</i>
		ERA	Estimate Replaced with Actual: Late	<i>Estimate replaced with actual. The actual data was not received in time to calculate volumes.</i>
		MEF	Mechanical Field Equipment Failure	<i>A mechanical equipment failure occurred. Previous data replaced with best available data.</i>
		LNS	Late Notification of Station Turn On	<i>Missing data replaced with best available data. A station started the initial physical flow prior to the receipt of station setup information.</i>
		ECF	EFM Communication Failure	<i>An EFM communication failure occurred. Previous data replaced with best available data.</i>
		IEC	Incorrect EFM Station Configuration	<i>The EFM station configuration was incorrect causing invalid data. Previous data replaced with best available data.</i>

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		IPI	Integration/Scan Process Incorrect	<i>Previous data replaced with best available data. A re-evaluation of the scan or integration process was performed resulting in a correction of data.</i>
		ICT	Invalid Calculation Type	<i>Previous data replaced with best available data. An invalid calculation methodology (e.g. AGA3, AGA7, AGA8, NX9) was used to calculate volume(s).</i>
		IGQ	Incorrect Gas Quality	<i>Previous data replaced with best available data. Incorrect gas analysis data was used for the station.</i>
		DEE	Data Entry Error	<i>Previous data replaced with best available data. A data entry error occurred when the data was manually entered.</i>
		ARN	Audit Review - No Adjustment Necessary	<i>An audit review was requested and performed. No adjustment was necessary based on the audit.</i>
		MNV	Missing Data, No Volume Estimate	<i>Missing data replaced with best available data. No actual was available and no estimate was previously provided.</i>

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

**Document Name and No.:** Measurement Information, 2.4.5  
Measured Volume Audit Statement, 2.4.6

<b>Description of Change:</b>
<b>G867MSIN - Measurement Information (2.4.5)</b>
<b>X12 Mapping</b>
LIN segment: Add following code values and corresponding descriptions to LIN03: 'IGS', 'QRL', 'ICA', 'MCN', 'VEN', 'ERA', 'MEF', 'LNS', 'ECF', 'IEC', 'IPI', 'ICT', 'IGQ', 'DEE', 'ARN', 'MNV'. See CodeVals log.
<b>G867MSAU - Measured Volume Audit Statement (2.4.6)</b>
<b>X12 Mapping</b>
LIN segment: Move code value RA for Adjustment Type from LIN02 to LIN04; Move code values for Adjustment Type from LIN03 to LIN05 (See CodeVals log for applicable code values)

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LIN segment: LIN05 - Update code value descriptions per CodeVals log for the following code values: 'IGS', 'QRL', 'ICA', 'MCN', 'VEN', 'ERA', 'MEF', 'LNS', 'ECF', 'IEC', 'IPI', 'ICT', 'IGQ', 'DEE', 'ARN', 'MNV'.

### 4. SUPPORTING DOCUMENTATION

#### a. Description of Request:

Add the following code values [see table above] to the Adjustment Type data element in the Measurement Information document (Standard 2.4.5). These same code values were added to the Measured Volume Audit Statement Standard 2.4.6); ratified by GISB membership on February 28, 1997.

#### b. Description of Recommendation:

##### **Information Requirements Subcommittee**

Review draft definitions for sense of room to add code value descriptions and definitions to Adjustment Type data element in the Measurement Information Statement and add definitions to existing code values for Adjustment Type data element in Measured Volume Audit Statement.

**Invalid Gas Sample:** The original gas analysis taken was invalid and has been replaced. Examples of invalid gas samples include: liquids in the sample bottle, non-heated sample, calibration of equipment, etc.

**Quality Data Received Late:** Estimated quality data is replaced with actual. Original gas analysis data was not received in time to calculate volumes.

**Incorrect Chromatograph Assignment/Data:** Previous data replaced with best available data. Gas chromatograph was assigned incorrectly to a station.

**Measured Change Not Received:** A measurement parameter change occurred at the physical meter (e.g., plate change, static range change, etc.) and was not received in time to calculate volumes.

**Volume Estimate - No Data Received:** Estimate replaced with best available data. No actual data received.

**Estimate Replaced with Actual: Late:** Estimate replaced with actual. The actual data was not received in time to calculate volumes..

**Mechanical Field Equipment Failure:** A mechanical equipment failure occurred. Previous data replaced with best available data.

**Late Notification of Station Turn On:** Missing data replaced with best available data. A station started the initial physical flow prior to the receipt of station setup information.

**EFM Communication Failure:** An EFM communication failure occurred. Previous data replaced with best available data.

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**Incorrect EFM Station Configuration:** The EFM station configuration was incorrect causing invalid data. Previous data replaced with best available data.

**Integration/Scan Process Incorrect:** Previous data replaced with best available data. A re-evaluation of the scan or integration process was performed resulting in a correction of data.

**Invalid Calculation Type:** Previous data replaced with best available data. An invalid calculation methodology (e.g. AGA3, AGA7, AGA8, NX9) was used to calculate volume(s).

**Incorrect Gas Quality:** Previous data replaced with best available data. Incorrect gas analysis data was used for the station.

**Data Entry Error:** Previous data replaced with best available data. A data entry error occurred when the data was manually entered.

**Audit Review - No Adjustment Necessary:** An audit review was requested and performed. No adjustment was necessary based on the audit.

**Missing Data, No Volume Estimate:** Missing data replaced with best available data. No actual was available and no estimate was previously provided.

(Note: Definitions were drafted at the September 9, 1997 Information Requirements meeting, definitions were adopted by a sense of the room at the October 14, 1997 Information Requirements meeting.)

Add code values with definitions to Adjustment Type data element in the Measurement Information document, add definitions to existing code values for the Adjustment Type data element in the Measured Volume Audit Statement.

**Sense of the Room:** October 14, 1997      15 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 29, 1997      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:**

The additional code values will provide a standardized means for communicating the reason for an adjustment.

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



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IR: Consistent with previous implementations of requests, code values are defined as they are added to documents. At September 9, 1997 IR meeting, group consensus was to go through codes and definitions, then take back for review and take a sense of the room on these codes at the next [October 14, 1997] IR meeting. At the October meeting, No opposition to addition of code values or definitions was noted.