RECOMMENDATION TO GISB EXECUTIVE COMMITTEE

Requester: Pemex Gas **Request No.: R96019**

1. Recommended Action:

___Accept as requested
_X_Accept as modified below
___Decline

Effect of EC Vote to Accept Recommended Action:

_X_Change to Existing Practice
___Status Quo

2. TYPE OF MAINTENANCE

Per Request:	**Per Recommendation:**
___Initiation	_X_Initiation
_X_Modification	_X_Modification
___Interpretation	___Interpretation
___Withdrawal	___Withdrawal
___Principle (x.1.z)	___Principle (x.1.z)
___Definition (x.2.z)	___Definition (x.2.z)
_X_Business Practice Standard (x.3.z)	_X_Business Practice Standard (x.3.z)
___Document (x.4.z)	___Document (x.4.z)
___Data Element (x.4.z)	___Data Element (x.4.z)
___Code Value (x.4.z)	_X_Code Value (x.4.z)
___X12 Implementation Guide	_X_X12 Implementation Guide
___Business Process Documentation	___Business Process Documentation

3. RECOMMENDATION

STANDARD LANGUAGE (for addition, modification or deletion of a principle, definition or business practice standard)

Standard No. and Language: 1.3.14
"The standard quantity for nominations, confirmation and scheduling is dekatherms per gas day in the United States, ~~and~~ gigajoules per gas day in Canada and gigacalories per gas day in Mexico. (For reference 1 dekatherm = 1,000,000 Btu's; ~~and~~ 1 gigajoule = 1,000,000,000 joules; and 1 gigacalorie = 1,000,000,000 calories.) For commercial purposes, the standard conversion factor between dekatherms and gigajoules is 1.055056 gigajoules per dekatherm and between dekatherms and gigacalories is 0.251996 gigacalories per dekatherm. The standard Btu is the International Btu, which is also called the Btu(IT); the standard joule is the joule specified in the SI system of units."

RECOMMENDATION TO GISB EXECUTIVE COMMITTEE

Requester: Pemex Gas **Request No.: R96019**

Standard No. and Language: 2.3.9
"Standardize the reporting basis for BTU as 14.73 dry psia and 60 degrees F (101.325 kPa and 15 degrees C, and dry). Standardize the reporting basis for gigacalorie as 1.035646 Kg/cm^2 and 15.6 degrees C and dry. Standardize the reporting basis for gas volumes as cubic foot at standard conditions of 14.73 psia, 60 degrees F, and dry. For gas volumes reported in cubic meters, the standard conditions are 101.325 kPa, 15 degrees C, and dry."

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

Document Name and No.: Nomination, 1.4.1
Scheduled Quantity, 1.4.5

Business Name	Usage	Code Value	Code Value Description	Code Value Definition
SLN05 Unit or Basis for Measurement Code, PO307 Unit or Basis for Measurement Code	N/A	*Waiting to hear from X12 with new code*	*Gigacalories*	*[No definition necessary.]*

Document Name and No.: Request for Confirmation, 1.4.3
Confirmation Response, 1.4.4
Scheduled Quantity for Operator, 1.4.6

Business Name	Usage	Code Value	Code Value Description	Code Value Definition
SLN05 Unit or Basis for Measurement Code	N/A	*Waiting to hear from X12 with new code*	*Gigacalories*	*[No definition necessary.]*

Document Name and No.: Pre-determined Allocations, 2.4.1

Business Name	Usage	Code Value	Code Value Description	Code Value Definition
SLN05 Unit or Basis for Measurement Code, CTP05 Unit or Basis for Measurement	N/A	*Waiting to hear from X12 with new code*	*Gigacalories*	*[No definition necessary.]*

RECOMMENDATION TO GISB EXECUTIVE COMMITTEE

Requester: Pemex Gas **Request No.: R96019**

Document Name and No.: Allocation, 2.4.3

Business Name	Usage	Code Value	Code Value Description	Code Value Definition
CTP05 Unit or Basis for Measurement Code, SLN05 Unit or Basis for Measurement Code, PO307 Unit or Basis for Measurement Code	N/A	*Waiting to hear from X12 with new code*	*Gigacalories*	*[No definition necessary.]*

Document Name and No.: Measured Volume Audit Statement, 2.4.6

Business Name	Usage	Code Value	Code Value Description	Code Value Definition
QTY03 Unit or Basis for Measurement Code	N/A	*Waiting to hear from X12 with new code*	*Gigacalories*	*[No definition necessary.]*

Document Name and No.: Transportation/Sales Invoice, 3.4.1
Payment Remittance, 3.4.2

Business Name	Usage	Code Value	Code Value Description	Code Value Definition
IT103 Unit or Basis for Measurement Code	N/A	*Waiting to hear from X12 with new code*	*Gigacalories*	*[No definition necessary.]*

Document Name and No.: Firm Transportation and Storage - Offer, 5.4.1
Firm Transportation and Storage - Bid Review, 5.4.2
Firm Transportation and Storage - Award Notice 5.4.3
Replacement Capacity, 5.4.4
Operationally Available and Unsubscribed Capacity, 5.4.13

Business Name	Usage	Code Value	Code Value Description	Code Value Definition
Measurement Basis	M	*Waiting to hear from X12 with new code*	*Gigacalories*	*[No definition necessary.]*

RECOMMENDATION TO GISB EXECUTIVE COMMITTEE

Requester: Pemex Gas **Request No.: R96019**

Document Name and No.: Upload to Pipeline of Prearranged Deal (UPPD), 5.4.7
UPPD - Notification, 5.4.9

Business Name	Usage	Code Value	Code Value Description	Code Value Definition
SDQ01 Unit or Basis for Measurement Code	N/A	*Waiting to hear from X12 with new code*	*Gigacalories*	*[No definition necessary.]*

TECHNICAL CHANGE LOG (all instructions to accomplish the recommendation)

Document Name and No.: Nomination (1.4.1)
Scheduled Quantity (1.4.5)
Request for Confirmation (1.4.3)
Confirmation Response (1.4.4)
Scheduled Quantity for Operator (1.4.6)
Pre-determined Allocation (2.4.1)
Allocation (2.4.3)
Measured Volume Audit Statement (2.4.6)
Transportation/Sales Invoice (3.4.1)
Payment Remittance (3.4.2)
Firm Transportation and Storage Capacity - Offer (5.4.1)
Firm Transportation and Storage Capacity - Bid Review (5.4.2)
Firm Transportation and Storage Capacity - Award Notice (5.4.3)
Replacement Capacity (5.4.4)
Upload to Pipeline of Prearranged Deal (UPPD) (5.4.7)
UPPD - Notification (5.4.9)
Operationally Available and Unsubscribed Capacity (5.4.13)

Description of Change:
G850NMST - Nomination (1.4.1)
X12 Mapping
SLN segment - SLN05 - add a code value of [waiting to hear from X12 with new code] for Gigacalories
PO3 segment - PO307 - add a code value of [waiting to hear from X12 with new code] For Gigacalories
G865SQTS - Scheduled Quantity (1.4.5)
X12 Mapping
SLN segment - SLN05 - add a code value of [waiting to hear from X12 with new code] for Gigacalories
PO3 segment - PO307 - add a code value of [waiting to hear from X12 with new code] For Gigacalories
G850RQCF - Request for Confirmation (1.4.3)
X12 Mapping
SLN segment - SLN05 - add a code value of [waiting to hear from X12 with new code] for Gigacalories

RECOMMENDATION TO GISB EXECUTIVE COMMITTEE

Requester: Pemex Gas **Request No.: R96019**

G855RRFC - Confirmation Response (1.4.4)
X12 Mapping
SLN segment - SLN05 - add a code value of [waiting to hear from X12 with new code] for Gigacalories
G865SQOP - Scheduled Quantity for Operator (1.4.6)
X12 Mapping
SLN segment - SLN05 - add a code value of [waiting to hear from X12 with new code] for Gigacalories
G860PDAL - Pre-determined Allocation (2.4.1)
X12 Mapping
SLN segment - SLN05 - add a code value of [waiting to hear from X12 with new code] for Gigacalories
CTP segment - CTP05 - add a code value of [waiting to hear from X12 with new code] for Gigacalories
G865ALLC - Allocation (2.4.3)
X12 Mapping
CTP segment - CTP05 - add a code value of [waiting to hear from X12 with new code] for Gigacalories
SLN segment - SLN05 - add a code value of [waiting to hear from X12 with new code] for Gigacalories
PO3 segment - PO307 - add a code value of [waiting to hear from X12 with new code] for Gigacalories
G867MSAU - Measured Volume Audit Statement (2.4.6)
X12 Mapping
QTY segment - QTY03 - add a code value of [waiting to hear from X12 with new code] for Gigacalories
G811TSIN - Transportation/Sales Invoice (3.4.1)
X12 Mapping
IT1 segment - IT103 - add a code value of [waiting to hear from X12 with new code] for Gigacalories
G820PYRM - Payment Remittance (3.4.2)
X12 Mapping
IT1 segment - IT103 - add a code value of [waiting to hear from X12 with new code] for Gigacalories
G840CROF - Firm Transportation and Storage Capacity - Offer (5.4.1)
X12 Mapping
SDQ segment - SDQ01 - add a code value of [waiting to hear from X12 with new code] for Gigacalories
G843CRBR - Firm Transportation and Storage Capacity - Bid Review(5.4.2)
X12 Mapping
SDQ segment - SDQ01 - add a code value of [waiting to hear from X12 with new code] for Gigacalories
G843CRAN - Firm Transportation and Storage Capacity - Award Notice (5.4.3)
X12 Mapping
SDQ segment - SDQ01 - add a code value of [waiting to hear from X12 with new code] for Gigacalories

G832CRRC - Replacement Capacity (5.4.4)
X12 Mapping
SLN segment - SLN05 - add a code value of [waiting to hear from X12 with new code] for Gigacalories
G840UDOF - Upload to Pipeline of Prearranged Deal (UPPD) (5.4.7)
X12 Mapping
SDQ segment - SDQ01 - add a code value of [waiting to hear from X12 with new code] for Gigacalories
G840UDRC - UPPD-Notification (5.4.9)
X12 Mapping
SDQ segment - SDQ01 - add a code value of [waiting to hear from X12 with new code] for Gigacalories
G840OAUC - Operationally Available and Unsubscribed Capacity (5.4.13)
X12 Mapping
PO1 segment - PO103 - add a code value of [waiting to hear from X12 with new code] for Gigacalories

4. SUPPORTING DOCUMENTATION

a. Description of Request:

To add in the proposed
1.3.14: The standard for Mexico should be Gigacalories per day. The standard conversion factor between dekatherms and Gigacalories should be 0.251996 Gigacalories per dekatherm.

To add in the proposed
2.3.9: For reporting of Gigacalories, 1.035646 Kg/cm^2 and 15.6 degrees C and dry.

b. Description of Recommendation:

Information Requirements Subcommittee

Motion: Modify Standard No. 1.3.14 as red-lined below:

"The standard quantity for nominations, confirmation and scheduling is dekatherms per gas day in the United States, ~~and~~ gigajoules per gas day in Canada and gigacalories per gas day in Mexico. (For reference 1 dekatherm = 1,000,000 Btu's; ~~and~~ 1 gigajoule = 1,000,000,000 joules; and 1 gigacalorie = 1,000,000,000 calories.) For commercial purposes, the standard conversion factor between dekatherms and gigajoules is 1.055056 gigajoules per dekatherm and between dekatherms and gigacalories is 0.251996 gigacalories per dekatherm. The standard Btu is the International Btu, which is also called the Btu(IT); the standard joule is the joule specified in the SI system of units."

Insert Footnote from little standards book.
The International Btu is specified for use in the gas measurement standards of the American Gas Association, the American Petroleum Institute, the Gas Processors Association and the American Society

for Testing Materials. For non-commercial purposes, these associations note that the exact conversion factor is 1.05505585262 Gigajoules per Dekatherm.

Sense of the Room: November 14, 1997 9 In Favor 0 Opposed
Segment Check (if applicable):
In Favor: ___End-Users ___LDCs ___Pipelines ___Producers ___Services
Opposed: ___End-Users ___LDCs ___Pipelines ___Producers ___Services

Motion: Modify Standard No. 2.3.9 as red-lined below:

"Standardize the reporting basis for BTU as 14.73 dry psia and 60 degrees F (101.325 kPa and 15 degrees C, and dry).

Standardize the reporting basis for gigacalorie as 1.035646 Kg/cm^2 and 15.6 degrees C and dry.

Standardize the reporting basis for gas volumes as cubic foot at standard conditions of 14.73 psia, 60 degrees F, and dry. For gas volumes reported in cubic meters, the standard conditions are 101.325 kPa, 15 degrees C, and dry."

Sense of the Room: November 14, 1997 10 In Favor 0 Opposed
Segment Check (if applicable):
In Favor: ___End-Users ___LDCs ___Pipelines ___Producers ___Services
Opposed: ___End-Users ___LDCs ___Pipelines ___Producers ___Services

Motion: Instructions to technical: For all GISB documents (x.4.y standards), wherever there is a Unit or Basis for Measurement Code for quantity, add the option (code) of Gigacalories.

Sense of the Room: November 14, 1997 10 In Favor 0 Opposed
Segment Check (if applicable):
In Favor: ___End-Users ___LDCs ___Pipelines ___Producers ___Services
Opposed: ___End-Users ___LDCs ___Pipelines ___Producers ___Services

Discussion as to whether these are conversion factors or rather just a reporting basis. No conversion factors are present right now in Pemex' request, there are questions as to whether a conversion is applicable. Question as to whether standard no. 1.3.15 where it talks about rounding fuel calculations in the nominations process. Further discussion as to changing the related fuel and rounding requests. No action was taken on these additional standards, but Pemex will be contacted to see if these modifications are desired.

RECOMMENDATION TO GISB EXECUTIVE COMMITTEE

Requester: Pemex Gas **Request No.: R96019**

Technical Subcommittee
There were questions as to whether gigacalories needed to be added to the Measurement Information Statement. This issue will be referred back to Information Requirements. The remaining data sets were evaluated and gigacalories was added where appropriate.

Sense of the Room: December 8, 1997 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 (December 9, 1997)
Response to Technical Subcommittee: Gigacalories does not need to be added to the Measurement Information Statement. The Energy Quantity data element is defined as: "The quantity of gas in standard units measured at the point." Since the units are standard, it is not necessary to specify dekatherms, gigajoules or gigacalories.

c. Business Purpose:

Necessary for Pemex to comply with the metrology law in Mexico.

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

After contact with Pemex regarding this request, changes were proposed and approved without objection.