



RECOMMENDATION TO GISB EXECUTIVE COMMITTEE

Requester: Columbia Gas

Request No.: R98060

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

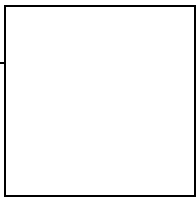
SUMMARY

Give the X12 Functional Acknowledgment (997) an HTTP "transaction-set" code value.

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

Document Name: Electronic Delivery Mechanism Related Standards book
*Data Dictionary for Internet EDM

Business Name	Definition	Format	Usage*	Condition
Transaction-set	name of the document type being sent	8 character code; examples are: <i>G850NMST</i> , <i>G855NMQR</i> , <i>G850RQCF</i> , <i>G811TSIN</i> , <i>G820PYRM</i> , <i>G860PDAL</i> , <i>G811IMBL</i> , <i>G865ALLC</i> , etc; refer to <i>GISB Implementation Guide</i> , <i>Related Standards tab</i> ,	In Request; MA	used in file transmittal



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		<i>Hypertext Transfer Protocol (HTTP) section, HTTP transaction-set Code Values table.</i> please refer to GISB Implementation Standards		
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BUSINESS PROCESS DOCUMENTATION (for addition, modification or deletion of business process documentation language)

- Standards Book:**
- Nominations Related Standards book –
 - *Related Standards section
 - Flowing Gas Related Standards book –
 - *Related Standards section
 - Invoicing Related Standards book –
 - *Related Standards section
 - Capacity Release Related Standards book –
 - *Related Standards section
 - Electronic Delivery Mechanism Related Standards book –
 - *Related Standards

Language [additions are italicized]:

Hypertext Transfer Protocol (HTTP)

The Hypertext Transfer Protocol (HTTP) is an application-level protocol with the lightness and speed necessary for distributed, collaborative, hypermedia information systems. It is a generic, stateless, object-oriented protocol which can be used for many tasks, such as name servers and distributed object management systems, through extension of its request methods (commands). A feature of HTTP is the typing of data representation, allowing systems to be built independently of the data being transferred.

HTTP has been in use by the World-Wide Web global information initiative since 1990. This specification reflects common usage of the protocol referred to as "HTTP/1.0".

HTTP transaction-set Code Values

The following table contains a list of code values to be used with the transaction-set data element, which is a mutually agreeable (MA) data element in the HTTP Request.

[*table goes here]

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[*table]

<i>HTTP transaction-set Code Values</i>	<i>GISB Standard Number</i>	<i>Transaction Set Description</i>
<i>G850NMST</i>	<i>1.4.1</i>	<i>Nomination</i>
<i>G855NMQR</i>	<i>1.4.2</i>	<i>Nomination Quick Response</i>
<i>G850RQCF</i>	<i>1.4.3</i>	<i>Request for Confirmation</i>
<i>G855RRFC</i>	<i>1.4.4</i>	<i>Confirmation Response</i>
<i>G865SQTS</i>	<i>1.4.5</i>	<i>Scheduled Quantity</i>
<i>G865SQOP</i>	<i>1.4.6</i>	<i>Scheduled Quantity for Operator</i>
<i>G855CRQR</i>	<i>1.4.7</i>	<i>Confirmation Response Quick Response</i>
<i>G860PDAL</i>	<i>2.4.1</i>	<i>Pre-determined Allocation</i>
<i>G865PDQR</i>	<i>2.4.2</i>	<i>Pre-determined Allocation - Quick Response</i>
<i>G865ALLC</i>	<i>2.4.3</i>	<i>Allocation</i>
<i>G811IMBL</i>	<i>2.4.4</i>	<i>Shipper Imbalance</i>
<i>G867MSIN</i>	<i>2.4.5</i>	<i>Measurement Information</i>
<i>G867MAUS</i>	<i>2.4.6</i>	<i>Measured Volume Audit Statement</i>
<i>G811TSIN</i>	<i>3.4.1</i>	<i>Transportation/Sales Invoice</i>
<i>G820PYRM</i>	<i>3.4.2</i>	<i>Payment Remittance</i>
<i>G822STAC</i>	<i>3.4.3</i>	<i>Statement of Account</i>
<i>G811SRCA</i>	<i>3.4.4</i>	<i>Service Requester Level Charge/Allowance Invoice</i>
<i>G840CROF</i>	<i>5.4.1</i>	<i>Offer Download</i>
<i>G843CRBR</i>	<i>5.4.2</i>	<i>Bid Download</i>
<i>G843CRAN</i>	<i>5.4.3</i>	<i>Award Download</i>
<i>G832CRRC</i>	<i>5.4.4</i>	<i>Replacement Capacity</i>
<i>G843CRWD</i>	<i>5.4.5</i>	<i>Withdrawal Download</i>
<i>G840UPWD</i>	<i>5.4.6</i>	<i>Withdrawal Upload</i>
<i>G840UDOF</i>	<i>5.4.7</i>	<i>Offer Upload</i>
<i>G843UDVL</i>	<i>5.4.8</i>	<i>Offer Upload Quick Response</i>
<i>G840UDRC</i>	<i>5.4.9</i>	<i>Offer Upload Notification</i>
<i>G843UDBC</i>	<i>5.4.10</i>	<i>Offer Upload Bidder Confirmation</i>

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<i>HTTP transaction-set Code Values</i>	<i>GISB Standard Number</i>	<i>Transaction Set Description</i>
<i>G824UDCV</i>	<i>5.4.11</i>	<i>Offer Upload Bidder Confirmation Quick Response</i>
<i>G567UDFD</i>	<i>5.4.12</i>	<i>Offer Upload Final Disposition</i>
<i>G840OAU</i>	<i>5.4.13</i>	<i>Operationally Available and Unsubscribed Capacity</i>
<i>G846UPRD</i>	<i>5.4.14</i>	<i>Upload of Request for Download of Posted Datasets</i>
<i>G846RURD</i>	<i>5.4.15</i>	<i>Response to Upload of Request for Download of Posted Datasets</i>
<i>G864SWNT</i>	<i>5.4.16</i>	<i>System-Wide Notices</i>
<i>G864CRNS</i>	<i>5.4.17</i>	<i>Note/Special Instruction</i>
<i>G843BDUP</i>	<i>5.4.18</i>	<i>Bid Upload</i>
<i>G843BDQR</i>	<i>5.4.19</i>	<i>Bid Upload Quick Response</i>
<i>G997FNAK</i>	<i>N/A</i>	<i>Functional Acknowledgement</i>

4. SUPPORTING DOCUMENTATION

a. Description of Request:

See original request.

b. Description of Recommendation:

Technical Subcommittee

This request was discussed at the 1/6/99 Triage meeting, with a recommendation to send it to the Technical Subcommittee. These recommendations from Triage have not yet been approved by the EC, but they will be considered at the January EC meeting. Since Technical’s agenda is not full today, Technical will go ahead and discuss this request, but not submit a recommendation until it has been formally approved by the EC to be passed to Technical.

In the EDI EDM HTTP envelope, the “transaction-set” is a mutually agreed data element. This data element is defined in the data dictionary for EDM. The values for this data element are the 8 character codes used by GISB in the footer of the Implementation Guides, but there is no concise list anywhere. Since the 997 Functional Acknowledgement does not have any GISB business data elements associated with it, it does not have a GISB standards number and is not mapped in the GISB Implementation Guides. It is only mentioned in the Related Standards section. So, we need to give this transaction set a 8 character GISB code.

Code chosen:

G997FNAK Functional Acknowledgement

This code will be designated for use in the HTTP envelope for all Functional Acknowledgments regardless of which transaction set or version is being acknowledged. The X12 version is noted in the ISA.

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Note that the code for the Measured Volume Audit Statement should be G867MAUS. It is incorrectly noted as G867MSAU in the footer of the Business section tab (Technical Implementation of Business Process, Sample Paper Transaction and Data Dictionary) for the Measured Volume Audit Statement in the Implementation Guides. Kim will send an email to the GISB office to note this correction.

Technical will compile a list of the codes to be used in the HTTP transaction-set data element for all the datasets. Technical recommends that this information be placed in the Related Standards tab for each of the books.

Currently, the information in the Related Standards tab is identical in all the books except for the EDM book. The EDM book Related Standards tab has an additional section for HTTP. Technical recommends that this section be added to the Related Standards tab in all of the books, since HTTP is a relevant standard for all of the EDI datasets. Technical recommends that the Related Standards section of all the books be identical.

Technical recommends the following table for these code values (with introductory language to be determined) be added as a sub-section to the HTTP section at the end of the Related Standards tab.

HTTP transaction-set Code Values	GISB standard number	Transaction Set Description
G850NMST	1.4.1	Nomination
G855NMQR	1.4.2	Nomination Quick Response
G850RQCF	1.4.3	Request for Confirmation
G855RRFC	1.4.4	Confirmation Response
G865SQTS	1.4.5	Scheduled Quantity
G865SQOP	1.4.6	Scheduled Quantity for Operator
G855CRQR	1.4.7	Confirmation Response Quick Response
G860PDAL	2.4.1	Pre-determined Allocation
G865PDQR	2.4.2	Pre-determined Allocation - Quick Response
G865ALLC	2.4.3	Allocation
G811IMBL	2.4.4	Shipper Imbalance
G867MSIN	2.4.5	Measurement Information
G867MAUS	2.4.6	Measured Volume Audit Statement
G811TSIN	3.4.1	Transportation/Sales Invoice
G820PYRM	3.4.2	Payment Remittance
G822STAC	3.4.3	Statement of Account
G811SRCA	3.4.4	Service Requester Level Charge/Allowance Invoice
G840CROF	5.4.1	Offer Download
G843CRBR	5.4.2	Bid Download
G843CRAN	5.4.3	Award Download
G832CRRC	5.4.4	Replacement Capacity
G843CRWD	5.4.5	Withdrawal Download
G840UPWD	5.4.6	Withdrawal Upload
G840UDOF	5.4.7	Offer Upload
G843UDVL	5.4.8	Offer Upload Quick Response
G840UDRC	5.4.9	Offer Upload Notification
G843UDBC	5.4.10	Offer Upload Bidder Confirmation
G824UDCV	5.4.11	Offer Upload Bidder Confirmation Quick Response

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HTTP transaction-set Code Values	GISB standard number	Transaction Set Description
G567UDFD	5.4.12	Offer Upload Final Disposition
G840OAUC	5.4.13	Operationally Available and Unsubscribed Capacity
G846UPRD	5.4.14	Upload of Request for Download of Posted Datasets
G846RURD	5.4.15	Response to Upload of Request for Download of Posted Datasets
G864SWNT	5.4.16	System-Wide Notices
G864CRNS	5.4.17	Note/Special Instruction
G843BDUP	5.4.18?	Bid Upload
G843BDQR	5.4.19?	Bid Upload Quick Response
G997FNAK	N/A	Functional Acknowledgement

Note that the Bid Upload and Bid Upload Quick Response have not yet been given a GISB standard number, and the names of most of the Capacity Release transactions in the table above are the new names as reflected in recommendation R97111. After R97111 is considered by the Executive Committee, we will update the table as needed.

Once this request formally gets passed to the Technical Subcommittee, we will send this table to FTTF and recommend that they write some introductory text explaining the use of these codes in the “transaction-set” data element. Technical recommends that this text and table appear as a subsection under the “Hypertext Transfer Protocol (HTTP)” section (similar to how ISA is a sub-section under the ANSI ASC X12 Standards section) in the Related Standards tab of all the books. We will review this one final time after FTTF completes it to make sure that the EC has approved all our transaction set names and standard numbers in the table.

Sense of the Room: January 11, 1999 5 In Favor 0 Opposed

Segment Check (if applicable):

In Favor: End-Users LDCs Pipelines Producers Services

Opposed: End-Users LDCs Pipelines Producers Services

Future Technology Task Force, May 18, 1999

FTTF does not know why Technical asked this group to write the introduction. This appears to be more of a business related topic than a technical topic. Mike Shahan will send this back to Technical and recommend that it be sent to another group, perhaps BPS. FTTF had incorporated the transaction set table as a proposed change the EDM Implementation Guide and no technical introduction is needed in the context of the EDM guide.

Technical Subcommittee

This request was discussed at the 1/11/1999 Technical Subcommittee Meeting.

At our January 11 meeting, we assigned an 8 character GISB code to be used in the HTTP envelope for all Functional Acknowledgements regardless of which transaction set or version is being acknowledged:

G997FNAK Functional Acknowledgement

We also noted that the code for the Measured Volume Audit Statement should be G867MAUS. It is incorrectly noted as G867MSAU in the footer of the Business section tab (Technical Implementation of Business Process,

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Sample Paper Transaction and Data Dictionary) for the Measured Volume Audit Statement in the Implementation Guides.

Technical recommends the following table for these code values be added as a sub-section to the HTTP section at the end of the Related Standards tab. The same Related Standards tab will appear in all of the books.

HTTP transaction-set Code Values	GISB Standard Number	Transaction Set Description
G850NMST	1.4.1	Nomination
G855NMQR	1.4.2	Nomination Quick Response
G850RQCF	1.4.3	Request for Confirmation
G855RRFC	1.4.4	Confirmation Response
G865SQTS	1.4.5	Scheduled Quantity
G865SQOP	1.4.6	Scheduled Quantity for Operator
G855CRQR	1.4.7	Confirmation Response Quick Response
G860PDAL	2.4.1	Pre-determined Allocation
G865PDQR	2.4.2	Pre-determined Allocation - Quick Response
G865ALLC	2.4.3	Allocation
G811IMBL	2.4.4	Shipper Imbalance
G867MSIN	2.4.5	Measurement Information
G867MAUS	2.4.6	Measured Volume Audit Statement
G811TSIN	3.4.1	Transportation/Sales Invoice
G820PYRM	3.4.2	Payment Remittance
G822STAC	3.4.3	Statement of Account
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G832CRRC	5.4.4	Replacement Capacity
G843CRWD	5.4.5	Withdrawal Download
G840UPWD	5.4.6	Withdrawal Upload
G840UDOF	5.4.7	Offer Upload

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HTTP transaction-set Code Values	GISB Standard Number	Transaction Set Description
G843UDVL	5.4.8	Offer Upload Quick Response
G840UDRC	5.4.9	Offer Upload Notification
G843UDBC	5.4.10	Offer Upload Bidder Confirmation
G824UDCV	5.4.11	Offer Upload Bidder Confirmation Quick Response
G567UDFD	5.4.12	Offer Upload Final Disposition
G840OAU	5.4.13	Operationally Available and Unsubscribed Capacity
G846UPRD	5.4.14	Upload of Request for Download of Posted Datasets
G846RURD	5.4.15	Response to Upload of Request for Download of Posted Datasets
G864SWNT	5.4.16	System-Wide Notices
G864CRNS	5.4.17	Note/Special Instruction
G843BDUP	5.4.18	Bid Upload
G843BDQR	5.4.19	Bid Upload Quick Response
G997FNAK	N/A	Functional Acknowledgement

The current language for HTTP in the Related Standards section is as follows:

Hypertext Transfer Protocol (HTTP)

The Hypertext Transfer Protocol (HTTP) is an application-level protocol with the lightness and speed necessary for distributed, collaborative, hypermedia information systems. It is a generic, stateless, object-oriented protocol which can be used for many tasks, such as name servers and distributed object management systems, through extension of its request methods (commands). A feature of HTTP is the typing of data representation, allowing systems to be built independently of the data being transferred.

HTTP has been in use by the World-Wide Web global information initiative since 1990. This specification reflects common usage of the protocol referred to as "HTTP/1.0".

The following language is the new addition proposed by Technical to Related Standards, HTTP section:

HTTP transaction-set Code Values

The following table contains a list of code values to be used with the transaction-set data element, which is a mutually agreeable (MA) data element in the HTTP Request.

[table goes here]



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Modifications needed to “Data Dictionary for Internet EDM” in the EDM manual:
For data element “transaction-set”, modify “Format” column as follows: “8 character code; examples are G850NMST, G855NMQR, G850RQCF, etc.; refer to GISB Implementation Guide, Related Standards tab, Hypertext Transfer Protocol (HTTP) section, HTTP transaction-set Code Values table.”

Sense of the Room: June 1-2, 1999 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:

To assign a code for the X12 Functional Acknowledgment (997) in the HTTP transaction-set data element.

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