Gas Industry Standards Board EBB Internet Implementation Task Force
Standards Recommended by the Task Force as of January 20, 1999
Released For Industry Comment -- February 9, 1999
Adopted by the Executive Committee -- March 18, 1999

Rev. Std.	Meeting Date	Language
4.3.9	2-Nov-98	For GISB EDI/EDM and FF/EDM, there is a time stamp (HTTP Timestamp) that designates the time that a file is received at the designated site. The receiving party should generate a timestamp upon successful receipt of the complete file and send as an immediate response to the sending party. The timestamp should be generated by Common Gateway Interface (CGI) of the receiving party, prior to further processing by the CGI.
d 12	2-Nov-98	"Batch Flat File" is the term used within GISB FF/EDM to describe the automated computer-to-computer transfer of flat files.
d 13	2-Nov-98	"Interactive Flat File" is the term used within GISB FF/EDM to describe the transfer of flat files using an interactive browser.
p 17	20-Jan-99	Until such time as GISB standardizes field lengths for data elements, data element field lengths for FF/EDM should not exceed the corresponding field lengths defined for EDI/EDM as defined in the ANSI ASC X12 version in the GISB implementation guide in which the GISB data element was adopted.
s 10	14-Aug-98 20-Jan-99	The sub-categories and the labels for the category of Invoicing should appear, if applicable, in the Navigational Area as follows: Invoice Payment Remittance Statement of Account 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.
s 25	3-Sep-98 20-Jan-99	GISB FF/EDM flat files should be formatted as ASCII comma separated value (CSV) files. This means: Rows are separated by a carriage return/line feed (CRLF). Fields are separated by commas. When a field contains a comma, the field should be enclosed by double-quotes. Double-quotes should not be used within any data field. When numeric data is negative, the minus sign should precede the number. When numeric data contains decimal precision, the decimal point should be included within the field. When numeric data contains one or more significant leading zeros, these zeros should be preserved in the flat file. Date fields should be formatted as YYYYMMDD. Time fields should be specified in a 24 hour format, formatted as HH:MM or HH:MM:SS, as applicable. Date/Time fields should be formatted as YYYYMMDD HH:MM or YYYYMMDD HH:MM:SS when date and time are expressed in one GISB data element. Note that there should be exactly one space between the day (DD) and the hour (HH). The maximum amount of data to be placed in a field should be limited to 256 characters. When a field contains no data, the empty field should result in two delimiters next to each other. Note that there should be no blank spaces between the delimiters.

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s 27	3-Sep-98 20-Jan-99	For a GISB FF/EDM flat file, the first row of the file should be comprised of the standard abbreviations for GISB data elements, including any additional data elements added per GISB Standard No. [s21], in the order in which the corresponding data is to appear in all subsequent rows. The data element order is at the option of the sender. If a data element abbreviation is not recognized, the entire flat file should be rejected.
s 28	3-Sep-98 20-Jan-99	For GISB FF/EDM flat files, each transaction (e.g. nomination) should be contained in a single row.
s 53	2-Nov-98 20-Jan-99	For Interactive Flat File EDM, 40-bit Secure Sockets Layer (SSL) encryption should be used. Where possible, 128-bit SSL encryption is strongly recommended.
s 54	2-Nov-98 20-Jan-99	Access to Interactive Flat File EDM should be protected by HTTP Basic Authentication.
s 82	20-Jan-99	On the Invoicing Web page of the Customer Activities Web site, a mechanism should exist to allow for the Printing and Download of the Transportation Invoice for the current billing month.
s 83	20-Jan-99	On the Invoicing Web page of the Customer Activities Web site, a mechanism should exist to allow for the Printing and Download of the Sales Invoice for the current billing month.

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Appendix

Recommended Model

Invoice Related Data Model

For representations of invoice related data and/or reports, the data may be organized in logical data groupings:

Related Std.	Meeting Date	Language
3.4.1	20-Jan-99	Transportation/Sales Invoice (3.4.1) for groupings and usage inclusions for EBB, EDI and FF as a model.
3.4.2	20-Jan-99	Payment Remittance (3.4.2) for groupings and usage inclusions for EBB, EDI and FF as a model.
3.4.3	20-Jan-99	Statement of Account (3.4.3) for groupings and usage inclusions for EBB, EDI and FF as a model.
3.4.4	20-Jan-99	Service Requester Level Charge/Allowance Invoice (3.4.4) for groupings and usage inclusions for EBB, EDI and FF as a model.