

## Recommended Standards Reviewed by the EC from the EII Task Force

Rev. Std.	Meeting Date	Language	Date of Review	Status
<b>REVISIONS TO EXISTING STANDARDS</b>				
4.2.7	16-Oct-98	"Navigational Area" is the term used to describe the area on the left side of the browser display providing links to the Content Area and other navigational links. Navigational Area is not required to be displayed on Customer Activities Web pages where data entry, reporting or inquiry are displayed.	11-13	c 10-18
4.3.34	1-Oct-98	Columns and data fields that would contain data not supported by the Transportation Service Provider should be eliminated on display and/or entry, and left empty on download.	10-12	c 10-18
<b>NEW DEFINITIONS</b>				
d 1	14-Aug-98	"Standard Client Configuration" is the term used to describe the configuration that allows simultaneous access to multiple industry Web sites.	9-11, 10-12	c 10-18
d 2	14-Aug-98	"Customer Activities" is the term used to refer to the business function categories relating to Nominations, Flowing Gas, Invoicing, Capacity Release, Contracts and other business functions on industry Web sites.	9-11	c 10-18
d 3	20-Aug-98	"GISB EDI/EDM" is the term used to describe ANSI ASC X12 computer-to-computer electronic data interchange of information in files as mapped from the x.4.z GISB standards in the GISB Implementation Guides and communicated between trading partners over the Internet using the GISB Electronic Delivery Mechanism.	9-11, 10-12	c 10-18
d 4	20-Aug-98 2-Nov-98	"GISB FF/EDM" is the term used to describe a standardized flat file electronic data interchange of information in files as mapped from the x.4.z GISB standards. GISB FF/EDM is communicated between trading partners over the Internet using the GISB Electronic Delivery Mechanism.	9-11, 10-12, 11-13	c 10-18
d 5	20-Aug-98	'GISB EBB/EDM' is the term used to describe the GISB standardized electronic interchange of information for Customer Activities Web site presentations. GISB EBB/EDM is communicated between trading partners over the Internet using the GISB Electronic Delivery Mechanism for GISB EBB/EDM.	9-11, 10-12	c 10-18
d 7	17-Sep-98	"Header" is the term used to describe the area at the top of the Content Area of the browser display.	10-12	c 10-18

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d 8	17-Sep-98	"Detail" is the term used to describe the area directly below the Header in the Content Area of the browser display.	10-12	c 10-18
<b>NEW PRINCIPLES</b>				
p 1	14-Aug-98	Web site standards should not preclude various levels of user response and inter-activity. Minimum levels of user response or inter-activity should be developed.	9-11	c 10-18
p 2	14-Aug-98	Web site standards should not dictate or limit back-end development technology or systems. Industry Web sites should be accessible by a Standard Client Configuration.	9-11, 10-12	c 10-18
p 3	14-Aug-98	A standardized Web site navigational structure should be developed to provide access to business functions. The hierarchical relationship, structure and order for navigation on the Web site should be established in a standardized manner.	9-11	c 10-18
p 4	14-Aug-98	Additional Informational Postings under Standard No. 4.3.6 which are not yet standardized for Web sites should be communicated over the Internet via a "common look and feel" standardized Web page.	9-11	c 10-18
p 5	14-Aug-98	Customer Activities Web sites should be designed for ease of user interaction.	9-11	c 10-18
p 6	14-Aug-98	There should generally be a one-to-one relationship between data elements used for EDI and/or flat files and the data displayed on Customer Activities Web pages.	9-11	c 10-18
p 7	14-Aug-98	Standard field name descriptors or abbreviations, and navigation and functional screen layouts should be used on all Customer Activities Web pages. There should be no standards for font size, colors, etc. Functional screen layouts should be developed as standards which would divide each transactional screen into separate areas and define which data elements belong in each specific area.	9-11	c 10-18
p 8	20-Aug-98	Information that is constant for the displayed Content Area may be placed in the page Header.	9-11	c 10-18
p 9	20-Aug-98	Data elements that have default values may be placed last to minimize scrolling.	9-11	c 10-18
p 11	20-Aug-98	There is displayed information on Customer Activities Web sites which does not have a comparable data element in EDI; however, the data (e.g. totals, reports, calculations) is derived from other EDI data elements. Provision of such information does not require the development of an EDI data set to accomplish a one-to-one match. However, any Customer Activities Web function should be derivable from information available in EDI data sets.	9-11	c 10-18

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p 12	3-Sep-98	When standardized, all elements used in standard EBB/EDM, EDI/EDM and FF/EDM should be defined in the related GISB x.4.z standard.	10-12	c 10-18
p 13	3-Sep-98	For GISB FF/EDM, the content and usage of flat files should reasonably correspond to the GISB data sets used for GISB EDI/EDM.	10-12	c 10-18
p 14	3-Sep-98	If GISB FF/EDM is implemented, flat files should be exchanged via the GISB EDI/EDM site or the Customer Activities Web site.	10-12	c 10-18
p 15	17-Sep-98	Trading partners should maintain redundant connections to the public Internet for GISB EDM Web sites. These redundant connections should be topographically diverse (duality of) paths to minimize the probability of a single point of failure.	10-12	c 10-18

### NEW STANDARDS

s 1	14-Aug-98	Internet protocols should be used for accessing all industry business functions.	9-11	c 10-18
s 2	14-Aug-98	Web browser interface should use Internet compatible common browser software.	9-11	c 10-18
s 3	14-Aug-98	Industry Web sites should be accessible via the public Internet using common browser software.	9-11	c 10-18
s 4	14-Aug-98	Each implementation of a current proprietary business function category on EBBs should remain available until such time as that business function category is tested and implemented via a Customer Activities Web site.	9-11	c 10-18
s 5	14-Aug-98	Standard navigation should be used to access all business functions on industry Web sites.	9-11	c 10-18
s 6	14-Aug-98	Navigation through the industry Web site menus should be consistent for location and technique.	9-11	c 10-18
s 7	14-Aug-98	<p>The categories and the labels for Customer Activities Web sites should appear, if applicable, in the Navigational Area as follows:</p> <ul style="list-style-type: none"> <li>• Nominations</li> <li>• Flowing Gas</li> <li>• Invoicing</li> <li>• Capacity Release</li> <li>• Contracts</li> <li>• Informational Postings</li> <li>• Site Map</li> </ul> <p>Links supporting Mutually Agreeable categories should precede Informational Postings.</p>	9-11	c 10-18

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s 13	14-Aug-98	A Customer Activities Web page may display information (data elements and code values) from multiple functionally related EDI data sets (i.e. nominated quantities and scheduled quantities may appear on the same Web screen).	9-11, 10-12	c 10-18
s 14	14-Aug-98	GISB standard code value descriptions should be displayed for code values where appropriate.	9-11	c 10-18
s 15	20-Aug-98	The Customer Activities Web Site should include the name, nickname, or name abbreviation of the Transportation Service Provider in the browser title bar. The name of the business function should be displayed in the Header.	9-11, 10-12	c 10-18
s 16	20-Aug-98	Where they exist for the same business function, flat files and EDI should use the same nomenclature for data set names, data element names, code values and/or code value descriptions, abbreviations and message text. Corresponding Web pages should use data set names, data element names, code value descriptions, abbreviations and message text that correspond to those used in flat files and EDI, where they exist.	9-11	c 10-18
s 17	20-Aug-98	Totals, when appropriate, should be displayed within the Content Area of the Web page in a manner which distinguishes them from the data.	9-11	c 10-18
s 18	20-Aug-98	Where navigation and/or processing functions exist for a Customer Activity, the Content Area should contain navigation in the Header on the left and processing functions in the Header on the right.	9-11, 10-12	c 10-18
s 19	20-Aug-98	Navigation for input data lookups, if provided, should be placed near the field being looked up. Navigation for informational lookups, if provided, should be included in the Header.	9-11, 10-12	c 10-18
s 20	20-Aug-98	GISB Common Codes for entity and location should be available for data validation or selection (viewing) on a Customer Activities Web site and in a standardized downloadable format for use by customers and third party service providers. Cross-references to proprietary codes may be provided on a mutually agreeable basis.	9-11, 10-12	c 10-18

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s 21	17-Sep-98	<p>A Transportation Service Provider (TSP) which determines to provide new features utilizing existing transaction sets via GISB EBB/EDM, for each transaction upon inception of support for such service, should:</p> <ul style="list-style-type: none"> <li>• If GISB EDI/EDM or FF/EDM standards exist for the transaction set, provide the service via EDI/EDM, or FF/EDM or both, utilizing modifications defined by the TSP to the existing file structures;</li> </ul> <p>and,</p> <ul style="list-style-type: none"> <li>• Submit a request for modification or enhancement of the transaction set to GISB including details of the interim EBB/EDM, EDI/EDM and/or FF/EDM implementation.</li> </ul>	11-13	c 10-18
s 22	3-Sep-98	Where a Transportation Service Provider (TSP) utilizes a subset of available GISB code values for specific data elements for inbound documents to the TSP, the TSP should make available a list of the supported code values in a download utilizing a GISB electronic format.	10-12	c 10-18
s 23	3-Sep-98	<p>With regard to navigational links on Customer Activities Web sites, when using abbreviations, the following should be used:</p> <p>[Please refer to the table in the appendix for the abbreviations]</p>	10-12	c 10-18
s 29	3-Sep-98	Where display information on a Customer Activities Web site is derivable from data provided in a previous upload or download, the information should not be included in the EDI/EDM standards [or FF/EDM standard, for later consideration] that directly correspond to the EBB/EDM Web page being displayed.	10-12	c 10-18
s 30	17-Sep-98	The industry should use common codes for location points and legal entities when communicating via EDI/EDM, EBB/EDM and/or FF/EDM. The corresponding common code name should also be used in EBB/EDM.	10-12	c 10-18
s 31	17-Sep-98	Customer Activities Web pages should support entry of the maximum length for valid data, however, display can be done in a manner to minimize left to right scrolling.	10-12	c 10-18
s 32	17-Sep-98	On Customer Activities Web pages, informational display fields can be displayed with related data.	10-12	c 10-18

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s 33	17-Sep-98	Providers of Customer Activities Web sites should ensure that the site operates within the guidelines of the "Technical Characteristics of the Client Workstation" described in the Appendix of the Electronic Delivery Mechanism Related Standards Manual. This appendix, listing examples of hardware and software configurations that providers should meet, should be reviewed and updated by the Future Technology Task Force, at a minimum, by the spring of each year and presented to the GISB Executive Committee for adoption by the June meeting of that committee.	10-12	c 10-18
s 34	17-Sep-98 2-Nov-98	Access to the Customer Activities Web Site should be protected by HTTP Basic Authentication or similar logon/password mechanism(s). A Customer Activities Web site should typically require a single logon/password pair for each user session.	10-12 11-13	c 10-18
s 35	17-Sep-98	At a minimum, data communications for Customer Activities Web sites should utilize 40-bit encryption. Where possible, 128-bit encryption is strongly recommended.	10-12	c 10-18
s 36	17-Sep-98	Custom downloadable modules presented by a Customer Activities Web site should be signed by the author. The signatures on these modules should be communicated in advance to Web site users.	10-12	c 10-18
s 37	17-Sep-98	In the Navigational Area of the Informational Postings Web Site, the navigational link for "Customer Activities" should appear directly above the navigational link for "Site Map."	10-12	c 10-18
s 38	17-Sep-98	Private network connections to GISB EDM Web sites which include all GISB standardized Internet communication may be at any point on the Transportation Service Provider's (TSP's) firewall boundary at the TSP's discretion on a non-discriminatory access basis. The specific type and speed of these connections should be mutually agreed. It is at the discretion of the TSP on how multiple private network connections should be managed, so long as such management is done on a non-discriminatory access basis. TSPs are not responsible for any additional security exposures when using these private network connections.	10-12	c 10-18
s 42	1-Oct-98	The Transportation Service Provider's Customer Activities Web Site should include the name, nickname, or name abbreviation of the parent company and/or Transportation Service Provider so that it will appear first in the browser title bar.	10-12	c 10-18

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s 48	16-Oct-98	A Transportation Service Provider which determines to provide new services which do not utilize existing transaction sets via GISB EBB/EDM, should, prior to implementation, submit a request for standardization to GISB including descriptions of the EBB/EDM, EDI/EDM and, as applicable, FF/EDM implementation.	11-13	c 10-18
s 49	16-Oct-98	On Customer Activities Web sites, information which is not part of a data dictionary may be displayed.	11-13	c 10-18