

## ~~TECHNICAL IMPLEMENTATION-~~

### ~~INFORMATIONAL POSTINGS WEB SITE~~

~~The scope of the standards and guidelines for the Informational Postings Web Site is pertaining to the Web site implemented on behalf of the transportation service provider in providing public information identified in Standard 4.3.6 for viewing and downloading. The standards and guidelines were established to provide common accessibility of the Web site and information contained therein (common "look and feel"). The following principles, definitions and standards were developed for this implementation:~~

~~\_\_\_\_\_ Principles pertinent: 4.1.15 - 4.1.21~~

~~\_\_\_\_\_ Definitions pertinent:: \_\_\_\_\_ 4.2.1 - 4.2.8~~

~~\_\_\_\_\_ Standards pertinent: 4.3.16 - 4.3.35~~

~~See Appendices C - P for pertinent examples of implementation.~~

Informational Postings/EDM

Introduction

Industry Goal/Purpose

The goal of Informational Postings/EDM, like EBB/EDM, is indicated by GISB Standard 4.3.6:

Transportation Service Providers should make all pertinent EBB functions and information available via the Internet or via the technology recommended by GISB within a reasonable amount of time after each such function or information has become standardized as appropriate by GISB.

Within a reasonable amount of time, all EBB information, functions and transactions should be achieved via one mode of communications.

The scope of the standards and guidelines for the Informational Postings Website is pertaining to the Website implemented on behalf of the transportation service provider in providing public information identified in Standard 4.3.6 for viewing and downloading. As a further development of the objectives pertaining to Informational Postings/EDM, the standards and guidelines were required to provide common accessibility of the Web site and information contained therein (common "look and feel"). While the standards do not attempt to dictate back office system technology or exact placement of data elements within the Informational Postings Website, overall layout is addressed in addition to determining common terminology used to identify the links for navigation and their order of placement. Guidelines were also developed pertaining to minimum client configuration for which the transportation service provider's Website would be designed and the users of such sites could expect to require to access information on the sites. Search capabilities desired for the tariff were expressed in the standards.

Related GISB Standards

Principles

4.1.15 - 4.1.21

Definitions

4.2.1 - 4.2.8

Standards

4.3.16 - 4.3.35

Related Standards

HyperText Markup Language (HTML) (W3.ORG)

- HTML3.2 Specification (W3.ORG)
- HTML URLs (W3.ORG)

HyperText Transfer Protocol (HTTP) (W3.ORG)

GISB Electronic Delivery Mechanism Related Standards

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3 July 31, 1998

## **Minimal and Suggested (7/31/98) Technical Characteristics and Guidelines for the Developer and User of the Informational Postings Web Site**

User technical characteristics provide specifications to the developer on the user environment for which the application will be designed and tested. Likewise, they will serve as guidelines to the user when purchasing the appropriate hardware and software to enable him/her to use the application.

### **Informational Postings Web Site User Technical Characteristics**

	<u>Minimal</u>	<u>Suggested (7/31/98)</u>
<u>Connection Device:</u>	<u>28.8 KB</u>	<u>Direct Connect</u>
<u>Operating System:</u>	<u>Multi-threaded &amp; Preemptive</u>	
<u>RAM:</u>	<u>32 MB</u>	<u>&gt;32 MB</u>
<u>Browser Capabilities:</u>	<u>Cookies &amp; JavaScript™</u> <u>Frames &amp; Nested Frames</u> <u>Tables &amp; Nested Tables</u> <u>HTML 3.2</u>	
<u>Display Resolution:</u>	<u>800x600, 256 colors</u>	<u>16k colors</u>

### **Definitions:**

**Minimal user technical characteristics** - The environment and components for which the Web site application is designed and tested. This should include:

- a client environment comprised only of characteristics listed above, and,
- support for all mandated functions in accessing Informational Postings

**Suggested user technical characteristics** - Environment or components not required to perform all mandated functions in accessing Informational Postings, but could provide an enhanced user experience.

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## **Examples of User Workstations Meeting Criteria of Informational Postings Web Site User Characteristics**

	<u>Minimal</u>	<u>Suggested (7/31/98)</u>
<u>Hardware:</u>	<u>Pentium® 90MHz</u> <u>or equivalent</u>	<u>Pentium® 200MHz or greater</u>
<u>RAM:</u>	<u>32 MB</u>	<u>&gt; 32 MB</u>
<u>Communication Device:</u>	<u>28.8</u>	<u>Direct Connect</u> <u>ISDN</u> <u>Satellite</u> <u>56 KB modem</u>
<u>Monitor:</u>	<u>12" Laptop</u> <u>15" Desktop</u>	<u>&gt; 12" Laptop</u> <u>&gt; 15" Desktop</u>
<u>Display Capabilities:</u>	<u>800 x 600</u> <u>256 colors</u>	<u>&gt; 800 x 600</u> <u>&gt; 256 colors</u>
<u>Operating System:</u>	<u>Windows® 95</u> <u>System 7®</u> <u>Solaris® 2.5</u>	<u>Windows® 95</u> <u>Windows® NT 4.0 or greater</u> <u>Solaris® 2.6</u> <u>System 8®</u>
<u>Browser:</u>	<u>Microsoft® Internet Explorer 3.02</u> <u>Netscape®</u> <u>Navigator 3.0</u>	<u>Microsoft® Internet Explorer 4.0</u> <u>Netscape®</u> <u>Communicator 4.0 or</u> <u>Netscape®</u> <u>Navigator 4.0</u>

### **Informational Postings Web Site Developer Technical Characteristics**

User's environment supporting the above minimum characteristics should be able to access all GISB standardized features of Informational Postings Web Sites.

Any other Web technologies may be considered for use by the developer as long as they can be used by the client without requiring special actions including firewall rule changes, use of a specific browser, logons and downloads of special helper applications such as plug-ins, viewers or readers.

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**Solaris** is a registered trademark of Sun Microsystems, Inc.  
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## GISB Electronic Delivery Mechanism Related Standards

### Flow Diagram

Placeholder - use a similar diagram to John Tsucalas' EBB/EDM flow diagram - only, depict this as read-only access of the data.

### Specification

#### The Parts of a Page

##### Title bar

This area which in HTML is denoted by the <TITLE></TITLE> tags always appears at the top of a page and as a label for minimized window that may appear on the task bar during a browser session. In what manner the identification of the transportation service provider should appear in the title bar is described in standard 4.3.24.

##### Left Side - Navigational Area

Definition 4.2.7 describes the purpose of the left side of the browser display in the Informational Postings Website

##### Right Side - Content Area

Definition 4.2.8 addresses the area to the right of the navigational area. This area is typically used for displaying the documents such as the tariff information or lists of notices to which the user is led by the links appearing on the left.

##### Page Functions

In standards 4.3.33, certain page navigation is described for the tariff documents.

##### Page Format

There are at least a couple of ways to separate the designated page sections in HTML - frames and tables. The advantage of frames is that it allows scrolling in one portion of the site without disturbing the presentation of another. It may be advantageous to implement two of the page sections as HTML Frames, as an alternative to the use of HTML tables to separate the Web page areas designated for certain purposes in the standards.

##### Navigational Links - Terminology and Order of Placement

Throughout the Informational Postings/EDM standards, there are specific labels and order of which depicted to establish the common mode of navigation for all Informational Postings Websites in the industry.

##### Security

As the type of information published in the Informational Postings Website is customer non-specific and is required to be made public, no password prompt is required on Informational Postings Websites. Standard 4.3.22 addresses this issue.

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**Placeholder** - The following examples were included as part of the EDM Related Standards Manual v. 1.3. Please determine if and where you would prefer to use the examples. Note that Appendix P is shown earlier in this draft and deleted below. My thoughts are that the standards probably are enough information. If we keep the examples in the EDM Related Standards manual, it introduces more maintenance for FTFF is the standards should be revised - just a thought.

**APPENDICES - INFORMATIONAL POSTINGS**

**Page**

Appendix C - Related Illustration Standard 4.3.17	3
Appendix D - Related Illustration Standard 4.3.20	4
Appendix E - Related Illustration Standard 4.3.21	5
Appendix F - Related Illustration Standard 4.3.22	6
Appendix G - Related Illustration Standard 4.3.23	7
Appendix H - Related Illustration Standard 4.3.24	8
Appendix I - Related Illustration Standard 4.3.25	9
Appendix J - Related Illustration Standard 4.3.26	10
Appendix K - Related Illustration Standard 4.3.27	11
Appendix L - Related Illustration Standard 4.3.28	12
Appendix M - Related Illustration Standard 4.3.30	13
Appendix N - Related Illustration Standard 4.3.32	14
Appendix O - Related Illustration Standard 4.3.33	15
Appendix P - Minimal and Suggested Technical Characteristics and Guidelines for the Developer and User of the Informational Postings Web Site	16
Examples	17

## **Appendix C - Related Illustration Standard 4.3.17**

"Informational Postings" should be the label used for navigation to or within the Web site.

## **Appendix D - Related Illustration Standard 4.3.20**

A user ID or password should not be required to access the Central Address Repository or the Transportation Service Provider's Informational Postings Web Site.

## **Appendix E - Related Illustration Standard 4.3.21**

The categories and the labels for Informational Postings required under Standard 4.3.6 should be as follows:

Affiliated Marketer Info.  
Capacity  
Index of Customers  
Notices  
Tariff

These categories and labels should appear in the order specified above and before any others.

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## **Appendix F - Related Illustration Standard 4.3.22**

The following navigational links should appear last in the Navigational Area and be labeled as follows:

Downloads  
Search  
Site Map

## Appendix G - Related Illustration Standard 4.3.23

The subcategories and labels for the categories of Informational Postings should be as follows:

<u>CATEGORIES</u>	<u>SUBCATEGORIES</u>
Affiliated Marketer Info.	Capacity Allocation Log (when applicable) Discount Offers
Capacity	Operationally Available Unsubscribed
Index of Customers Notices	Critical Non-Critical
Tariff	Title Page Table of Contents Preliminary Statement Map Currently Effective Rates Rate Schedules General Terms and Conditions Form of Service Agreement Entire Tariff Sheet Index

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16 July 31, 1998

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## **Appendix H - Related Illustration Standard 4.3.24**

The Transportation Service Provider's Informational Postings Web Site should include the name, nickname, or name abbreviation of the Transportation Service Provider so that it will appear first in the browser title bar. Content Area documents should have a similar name when printed.

## Appendix I - Related Illustration Standard 4.3.25

The Site Map should be provided in the Content Area and should include links to all levels of categories described in Standard 4.3.21 and Standard 4.3.23. Each level of category and subcategory should be indented to show its relationship and should be presented in text form to best utilize space.

### site map

Informational Postings

affiliate marketer info.

Capacity allocation log  
discount offers

capacity

Operationally available  
unsubscribed

index of customers

notices

critical  
non-critical

tariff

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21 July 31, 1998

## **Appendix J - Related Illustration Standard 4.3.26**

Transportation Service Providers should provide search capability for a word or phrase within the text, headers, and footers of the entire tariff and within any of the following tariff subcategories: 1) Rate Schedules, 2) General Terms and Conditions, and 3) Form of Service Agreement. The results of the search should provide a list of links to the pages containing the word or phrase. "Search" should appear as a link and be labeled as such, appearing immediately above the Site Map link.

## **Appendix K - Related Illustration Standard 4.3.27**

The "Notices" category (as shown in the Navigational Area) should expand to a list of subcategories (in the Navigational Area) when clicked; there are no display requirements for the Content Area. Each of these subcategories, when clicked, should display a list of notices for that subcategory in the Content Area.

## **Appendix L - Related Illustration Standard 4.3.28**

For the subcategories of Notices, the first column headings in the Content Area should be Notice Type, Posted Date/Time, Notice Effective Date/Time (and Notice End Date/Time, when applicable), Notice Identifier (optional\*) and Subject, with the list sorted in reverse chronological order by Posted Date/Time.

\* When used as a reference, the Notice Identifier should be displayed.

## **Appendix M - Related Illustration Standard 4.3.30**

The links to categories of Informational Postings should be displayed vertically on the left (Navigational Area) of the screen at all times.

## **Appendix N - Related Illustration Standard 4.3.32**

Each line of the Table of Contents of the Tariff should provide a link to a corresponding sheet by clicking on the sheet number shown. The subcategories Currently Effective Rates, Rate Schedules, General Terms and Conditions, and Form of Service Agreement should provide either a table of contents or a similar breakdown, when applicable, and a link function to a corresponding sheet. For example, if General Terms and Conditions has a separate table of contents, it should provide corresponding links.

## **Appendix O - Related Illustration Standard 4.3.33**

For Tariff documents, "previous" and "next" links should be displayed at the top of each HTML document. If the "previous" and "next" links may scroll off the display, they should also be provided at the bottom of the HTML document.

## ~~Appendix P - Minimal and Suggested (7/31/98) Technical Characteristics and Guidelines for the Developer and User of the Informational Postings Web Site~~

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<del>Monitor:</del>	<del>12" Laptop 15" Desktop</del>	<del>&gt; 12" Laptop &gt; 15" Desktop</del>
<del>Display Capabilities:</del>	<del>800 x 600 256 colors</del>	<del>&gt; 800 x 600 &gt; 256 colors</del>
<del>Operating System:</del>	<del>Windows® 95 System 7® Solaris® 2.5</del>	<del>Windows® 95 Windows® NT 4.0 or greater Solaris® 2.6 System 8®</del>
<del>Browser:</del>	<del>Microsoft® Internet — Explorer 3.02 Netscape® — Navigator 3.0</del>	<del>Microsoft® Internet Explorer 4.0 Netscape® Communicator 4.0 or Netscape® — Navigator 4.0</del>

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