

Tab 4 Change Notes: [Editor's Notes – to be deleted after review]

<u>Section/ Paragraph</u>	<u>Area to Change/Comment</u>	<u>Suggested Change</u>
[all]	<u>“Transportation Service Provider” and “TSP”; these sound like natural gas terms. Regardless, I think it needs to be changed due to the ambiguity.</u>	<u>No action taken. What term will we use in REQ? Once we decide, we will need to go through the entire document and replace.</u>
[all]	<u>“Natural Gas” or “Gas”</u>	<u>“Energy”</u>
[all]	<u>“GISB” or “Gas Industry Standards Board”</u>	<u>“NAESB” or “NAESB REQ”</u>
[all]	<u>“3rd party”</u>	<u>“third-party”</u>
[all]	<u>“shippers”</u>	<u>“parties”</u>
[all]	<u>Name of REQ EDM? I used “EDM-REQ” to differentiate from NAESB WGQ EDM</u>	<u>Used EDM-REQ to differentiate REQ implementation from WGQ; can easily be globally replaced later.</u>
[all]	<u>General editing</u>	<u>Tightened up language using standard techniques (e.g. “utilize” becomes “use”)</u>
A	<u>“Gas Industry”</u>	<u>“Electric Industry”, even better “Energy Industry”</u>
<u>A, para 1</u>	<u>Language about EBB and FF does not apply</u>	<u>Delete language about EBB and FF</u>
<u>A, para 1</u>	<u>Need language regarding the reasons for an EDM for REQ; includes: need for future collaboration w/ WGQ; scope of initial EDM-REQ;</u>	<u>Added language “Role of EDM-REQ in NAESB”</u>
<u>A, para 1</u>	<u>Need REQ-specific language for the role of the Internet EDM in REQ, including: large volumes, large transactions; existing implementations of EDM; ebXML; AS2; of EDI; of XML</u>	<u>Added language</u>
<u>A, para 1</u>	<u>XML: my understanding is that we need to address this in the standard.</u>	<u>Included some language; needs to be expanded and made consistent throughout document</u>
<u>A, para 2</u>	<u>Language about EBB and FF does not apply</u>	<u>Delete down to “separated flat files”.</u>
<u>A, para 2</u>	<u>“Protect from non-repudiation” is worded incorrectly</u>	<u>Maybe “with non-repudiation”</u>
<u>A, para 3</u>	<u>Language about EBB</u>	<u>Delete entire paragraph</u>
<u>A, para 4</u>	<u>Questions in front can be removed; instead simply state value statement.</u>	<u>Deleted</u>
<u>A, para 28</u>	<u>“Pipeline”</u>	<u>Replaced with “Energy”</u>
<u>A, para 30</u>	<u>Need language about OpenPGP</u>	<u>Language added by Dick B</u>
<u>C, 4.1</u>	<u>Principles; deleted a bunch of them; should we renumber?</u>	<u>No action taken.</u>
<u>C, 4.1.1, 8, 11, 13, 16–35, 38</u>	<u>Language about EBB, IPs, and/or FF</u>	<u>Deleted relevant language or bullet</u>
<u>C, 4.2</u>	<u>Definitions; deleted a bunch, adding</u>	<u>No action taken</u>

	<u>some: should we renumber?</u>	
<u>C, 4.2</u>	<u>Should we add a list of REQ entity types (LDC, TDSP, EDC, CR, ESP, ESCO, etc)</u>	<u>Added some then stopped. Are these needed?</u>
<u>C, 4.2.1-10, 12-20</u>	<u>Language about EBB, IPs, and/or FF</u>	<u>Deleted relevant language or bullet</u>
<u>C, 4.2.21</u>	<u>Need language describing Failover scenario/process</u>	<u>Added language</u>
<u>C, 4.2.29</u>	<u>We reference 'trading partner agreement' and should have a definition. Will there be an REQ standard?</u>	<u>Added language re: trading partner agreement</u>
<u>C, 4.3</u>	<u>Standards: deleted a bunch; will be adding some; should we renumber</u>	<u>No action taken</u>
<u>C, 4.3.2</u>	<u>Language about 'pipeline'</u>	<u>Deleted language.</u>
<u>C, 4.3.3</u>	<u>Language about 15-minute window: does this apply to REQ and EDI/EDM?</u>	<u>No action taken</u>
<u>C, 4.3.4</u>	<u>Data retention requirements</u>	<u>Language modified by Dick B</u>
<u>C, 4.3.15</u>	<u>Need Open PGP language</u>	<u>Modified to include Open PGP language</u>
<u>C, 4.3.16</u>	<u>Appears to be related to IP or EBB mechanisms</u>	<u>Deleted</u>
<u>C, 4.3.5-7, 9, 17-35, 37-52, 54-63, 65-69, 72-73, 75-76, 78-86</u>	<u>Language about EBB, IPs, and/or FF</u>	<u>Deleted relevant language or bullet</u>
<u>C, 4.3.87</u>	<u>Language talks about changing business rules</u>	<u>Deleted</u>
<u>C, 4.3.88</u>	<u>Need 128-bit language</u>	<u>Added by Dick B</u>
<u>D, 7.3.24</u>	<u>Not relevant to REQ</u>	<u>Deleted</u>
<u>D, 7.3.35</u>	<u>Not relevant to REQ</u>	<u>Deleted</u>

CHANGE LOG: Tab 2, Introduction

<u>Section/ Paragraph</u>	<u>Area to Change/Comment</u>	<u>Suggested Change</u>
<u>Header</u>	<u>Replace WGQ with REQ</u>	<u>REQ for WGQ</u>
<u>17</u>	<u>Greater gas industry</u>	<u>Replaced with greater gas and electric industries</u>
<u>[all]</u>	<u>Most, but not all, references to WGQ</u>	<u>Replaced most instances of WGQ with REQ.</u>
<u>17</u>	<u>Marketplace for natural gas</u>	<u>Replaced by marketplace for energy</u>
<u>[all]</u>	<u>Most references to Internet EDI/EDM and BATCH FF</u>	<u>Replaced with Electronic Delivery Mechanism (EDM)</u>
<u>18</u>	<u>TAB 7, TAB 8, TAB 9 and TAB 10</u>	<u>Replaced with TAB 7 Testing Guidelines and TAB 8 Appendix</u>
<u>18</u>	<u>Appendix C and Appendix D</u>	<u>Eliminated, and renamed Appendix E to Appendix C</u>

CHANGE LOG: Tab 3, Executive Summary

<u>Section/ Paragraph</u>	<u>Area to Change/Comment</u>	<u>Suggested Change</u>
<u>Header</u>	<u>Replace WGQ with REQ</u>	<u>REQ for WGQ</u>
<u>19</u>	<u>Added sentence introducing the concept of NAESB, as should be present in all Exec Summaries.</u>	<u>Selected sentence off NAESB website explaining NAESB.</u>
<u>[all]</u>	<u>Most, but not all, references to WGQ</u>	<u>Replaced most instances of WGQ with REQ.</u>
<u>[all]</u>	<u>Numerous references to Batch FF/EDM</u>	<u>Removed references to Batch FF/EDM, following lead of Tab 6.</u>
<u>19,20</u>	<u>Spelled out all acronyms the first time they appeared, as should be the case with an Exec Summary</u>	<u>NAESB, all 4 quadrants, EDM, EDI, FTTF</u>
<u>19</u>	<u>Identified who benefits from standards</u>	<u>Added Gas and Electric utilities, changed the word 'bank' to 'financial institution.</u>
<u>20</u>	<u>More precise wording on who will require consensus</u>	<u>Added 'international community'.</u>
<u>20</u>	<u>Identify testing partners</u>	<u>Changed Gas to Electric</u>
<u>21</u>	<u>Concerns about reliability</u>	<u>Updated wording to more accurately describe the current state of affairs with the Internet</u>

CHANGE LOG: Tab 6

<u>Section/ Paragraph</u>	<u>Area to Change/Comment</u>	<u>Suggested Change</u>
<u>[all]</u>	<u>Numerous references to WGQ.</u>	<u>Replaced WGQ with REQ</u>
<u>[all]</u>	<u>Numerous references to Batch FF/EDM</u>	<u>Removed references to Batch FF/EDM</u>
<u>Page 51</u>	<u>Extraneous "to"</u>	<u>Removed</u>
<u>Page 52</u>	<u>Common Code Identifier format</u>	<u>Tagged as OPEN ISSUE</u>
<u>[all]</u>	<u>Numerous references to gisb-acknowledgment-receipt</u>	<u>Tagged as OPEN ISSUE</u>
<u>Page 52</u>	<u>Description of input-format data element incorrect for REQ use</u>	<u>Removed reference to FF, added XML</u>
<u>[all]</u>	<u>Numerous references to CDI/script</u>	<u>Removed references to CGI/script</u>
<u>Page 52</u>	<u>request-status</u>	<u>Removed reference to decryption process</u>

Page 53	time-c data element lacks time-zone indicator	Added time-zone indicator
Page 53	Transaction-set data element requires enhancement to remove gas industry specific references	Changed transaction-set to 16 character free form text field
Page 54	Diagram	Added EDM Server and simplified
Page 58	Reference to pipeline under Throughput Considerations	Removed pipeline reference
Page 58	HTTP Request Data Elements	Brief description added
Page 59	Incorrect description of transaction-set for REQ purposes	Provided new description for transaction-set, and tagged 8-character names as an OPEN ISSUE
Page 59	Writing a Batch Browser	Removed reference to NAESB home page
Page 59	Description of content type line	Rephrased to indicate that this referred to the specific example on page 59
Page 60	Description of content length	Rephrased to indicate that this referred to the specific example earlier on page 59
[all]	Several references to version 1.4	Changed to 1.6
Page 65	Reference to multipart POST	Tagged implementation as an OPEN ISSUE
Page 67	References to Central time zone	Removed restriction to use Central time
Page 67	Synchronization of client	Added reference to clock accessible via the Internet
Page 67	References to gas nominations	Removed references to gas nominations
Page 67	Brief description of HTTP Request	Moved the description to page 58
Page 68	Using a Web Server	Added reference to the POST method as the only supported HTTP method
Page 68	Timestamp time-c references lack timezone indicator	Added identifier for time zone
Page 68	Text incorrectly indicates that SSL or S-HHTP are optional	Removed references to SSL being optional and all references to S-HHTP
Page 68	The CGI Process	Changed to The Receive Process
Page 68	Text specific to pipelines and gas industry	Replaced with more generic text
Page 69	Reference to C program	Removed
Page 69	Reference to BGI programming	Removed
Page 69	Writing the CGI Process	Changed to Developing the Receive Process
Page 69	Reference to GET operation	Removed
[all]	References to CGI process	Changed to receiving program
Page 69	Reference to standard input	Changed to input stream
Page 71	Reference to standard output	Changed to sending program
Page 71	URL/CGI Implementation Guidelines	Changed to Receive Process URL Implementation Guidelines
Page 71	References to WGQ standard 4.3.12	Tagged as OPEN ISSUE
Page 71	A separate URL for nominations	Replaced by a separate URL may be used for customized processing
Page 72	Text specific to gas industry regarding capacity release	Replaced with more generic text
Page 72	References to Central Time zone	Removed
Page 72	References to nomination deadline	Removed

<u>Page 74</u>	<u>time-c data element has no time zone indicator</u>	<u>Added time zone indicator and provided description of its use</u>
<u>Numerous Examples</u>	<u>examples of "gisb-acknowledgement-receipt" containing time-c missing time zone indicator</u>	<u>Updated all examples of time-c to include time zone indicator</u>
<u>HTTP Response, Request</u>		<u>Capitalized all references to HTTP Response, Request</u>
<u>"—8760"</u>	<u>Changed all "—8760" boundary values to generic boundary value</u>	