

North American Energy Standards Board

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TO: EDM Subcommittee Chairs (Dick Brooks, Carl Caldwell, Leigh Spangler)
Posting for Interested Industry Participants

FROM: Rae McQuade, Executive Director

RE: **Final** Minutes for the EDM Subcommittee - March 11, 2002

DATE: March 12, 2002

**NORTH AMERICAN ENERGY STANDARDS BOARD
EDM SUBCOMMITTEE
Wednesday, March 11, 2002 1:00 - 4:00 p.m. CST
FINAL MEETING MINUTES**

March 11, 2002

Dick Brooks - Systrends
Chris Burden – Williams
Richard Hamilton - Williams
Mike Stender – El Paso
Jim Buccigross – Group 8760
Theresa Hess – Transwestern Pipeline
Terry Lehn – Florida Gas Transmission
Kim Van Pelt - CMS
Leigh Spangler – Latitude Technologies

Leigh read the antitrust statement.

The agenda was presented and approved, unanimously

The meeting minutes from March 6th were reviewed and approved with one modification to Chris Burden's name (from Craig).

Discussion regarding request R01020

Leigh requested that attendees retrieve the work papers located on GISB's web site to aid in the discussion. Work Paper Four contained the list revisions to the EDM 1.5 specification to support request R01019, R01020 and R01016. Leigh suggested that people start with the list of changes as they appeared in the paper (which is a different order from the agenda) - no objections were raised.

Attendees were asked to review the wording contained in the data dictionary adding support for XML. Some concern was expressed over the wording that companies would be required to support "XML" when formal XML standards are developed. The following revised wording was proposed:

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“Note: XML is not a GISB standard format. Trading partners that exchange XML documents on a mutually agreeable basis should use “XML”.”

A motion was made by Dick Brooks to adopt the proposed rewording, which was seconded by Jim Buccigross.

Voting results:

Dick Brooks - YES

Chris Burden - not voting

Richard Hamilton - NO

Mike Stender - NO

Jim Buccigross - YES

Theresa Hess – NO

Terry Lehn - NO

Kim Van Pelt – NO

Leigh Spangler – YES

A discussion after the vote was completed indicated that several of those opposing the request did so because the request is outside the scope of the wholesale gas quadrant. There were no technical issues raised regarding the proposed changes to request R01020.

Theresa Hess expressed a desire that this request should not “die” and suggested that the request be sent back to the EC for consideration.

Kim Van Pelt made a motion to send the request back to the EC for consideration by the newly formed Retail Electric Quadrant. This was seconded Dick.

Voting results:

Dick Brooks - YES

Chris Burden - not voting

Richard Hamilton - YES

Mike Stender - YES

Jim Buccigross - YES

Theresa Hess – YES

Terry Lehn - YES

Kim Van Pelt – YES

Leigh Spangler – YES

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Discussions of request R01019

Proposed modifications to support the request were reviewed. No technical issues were identified with the proposed changes.

Sensing that any vote on request R01019 would have a result similar to the initial R01020 vote, a suggestion was made to proceed directly to voting that the request be sent back to the Executive Committee.

Richard Hamilton made a motion to send request R01019 back to the Executive Committee for further consideration by the newly formed Retail Electric Quadrant. This was seconded by Dick.

Voting results:

Dick Brooks - YES

Chris Burden - not voting

Richard Hamilton - YES

Mike Stender - YES

Jim Buccigross - YES

Theresa Hess – YES

Terry Lehn - YES

Kim Van Pelt – YES

Leigh Spangler – YES

Discussion of request R01016

Several participants stated their concerns with a sole source vendor for PGP and the fact that Network Associates continues to raise prices for PGP. Reference was made to a recent article stating that Network Associates had announced that on further revisions would be made to certain PGP products and engineering personnel supporting PGP were being redeployed to support other products. Several members of the group acknowledged the risk of “sticking with” PGP and the need to support OpenPGP. However, there was no clear consensus on the best way to proceed forward.

One particularly difficult decision was whether to completely replace PGP with OpenPGP in version 1.6 of the EDM standards or provide parallel support for both PGP 2.6 and OpenPGP.

Replacing PGP with OpenPGP means that implementers may be required to rewrite their EDM implementations and re-issue new, OpenPGP compliant, public keys. Several people expressed concern that this would require a “mass migration” by all GISB implementers and this could be painful.

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The alternative is to allow parallel support for both PGP 2.6 and OpenPGP. Several people expressed concern over this approach given the complexity of having to support two encryption engines. This approach has the benefit of backwards compatibility with an eventual replacement of PGP 2.6 with an OpenPGP standard solution, with freely available software. It was stated that the changes to support both PGP and OpenPGP are more complex, from a software standpoint, than simply replacing PGP with OpenPGP.

There are commercially available versions of PGP software that support both PGP 2.6 and OpenPGP. Implementers could upgrade their version of PGP to meet the needs of the “parallel” approach. Richard Hamilton pointed out that he recently inquired the cost of upgrading to the latest version of PGP and the figure was very high.

There was a suggestion to change the proposed wording in standard 4.3.15 from “or” to “and/or” OpenPGP.

Additional options were discussed, which the group summarized:

1. Replace PGP with OpenPGP now
2. Retain support for PGP 2.6 and add support for OpenPGP
3. Do nothing, stay with PGP 2.6
4. Eliminate PGP all together
5. Do something else (maybe S/MIME)

No consensus was reached and the group decided to continue discussion of request R01016 at the next meeting.

Discussion of Minimum Technical Changes per FTTF recommendations

The following enhancements to the EDM Appendices were suggested:

1. Change the Title of Appendix C to be like D, minus the word “suggested”
2. Change title of “D” from “Minimal” to “Minimum”
3. Change references to "minimal" on pages 7 and 8 to "minimum".
4. In Appendix D, add 1024x768 in “suggested column”
5. Add an indicator for the number of colors to page 5 and 6 on in Appendix C - 256/16k example config.

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6. Page 8 replace 200 Mhz with 500 Mhz in the suggested column.
7. Replace references to "40 bit" with "128 bit".
8. Remove the date the title of Appendix E.
9. Change references to HTTP 1.0 to HTTP 1.1
10. Tab 2, Introduction change "minimal" to "minimum" under Appendix TOC.
11. Change page 104 of the PDF to "see Appendix "C"".

The next meeting is schedule for Wednesday, 3/13 from 1:00-3:00. The agenda will include finalizing the revisions to the Minimum Technical Characteristics and discussion on R01016.