IEEE-SA STANDARDS BOARD
FORM FOR SUBMITTAL OF PROPOSED STANDARDS

1. PROJECT NUMBER: P802.16m

2. DATE: 2011-02-04


4. SPONSOR (Full name of society/committee): IEEE Computer Society/LSMC + IEEE MTT

5. BALLOTING COMMITTEE: C/LM/WG802.16 and MTT/SCC

6. NAME OF WORKING GROUP: IEEE 802.16 Working Group

7. NAME AND ADDRESS OF SUBMITTER

   Roger B. Marks
   WiMAX Forum

   Telephone:   Fax:   E-Mail: r.b.marks@ieee.org

8. DESCRIPTION OF DOCUMENT (Check one from each column.)

   - New
   - Revision
   - Reaffirmation
   - Stabilization
   - Withdrawal
   - Full Use (5-year life cycle)
   - Recommended Practice
   - Trial Use (2-year life cycle)
   - Amendment/Corrigenda to an existing standard (Indicate number and year) 802.16-2009
   - This document is an adoption of a non-IEEE standard.

8A. REAFFIRMATION ONLY: The Sponsor confirms that the balloting group agrees that this standard continues to be useful in its current form and contains no significant obsolete or erroneous information.

   - Yes
   - No

SPID

Changes approved by RevCom on 18 March 2009
9. BALLOT INFORMATION


<table>
<thead>
<tr>
<th>Interest Category</th>
<th>No.</th>
<th>Interest Category</th>
<th>No.</th>
<th>Interest Category</th>
<th>No.</th>
<th>Interest Category</th>
<th>No.</th>
<th>Interest Category</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic</td>
<td>6</td>
<td>General Interest</td>
<td>50</td>
<td>Government/Military</td>
<td>6</td>
<td>Producer/User</td>
<td>71/19</td>
<td></td>
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</tbody>
</table>

### SUMMARY OF ELIGIBLE BALLOTS

<table>
<thead>
<tr>
<th>Category</th>
<th>Number</th>
<th>Percentage</th>
<th>Category</th>
<th>Number</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eligible Balloters</td>
<td>338</td>
<td>100%</td>
<td>Ballots Returned</td>
<td>275</td>
<td>81%</td>
</tr>
<tr>
<td>Affirmatives</td>
<td>152</td>
<td>58%</td>
<td>Negatives with Comments</td>
<td>107</td>
<td>N/A</td>
</tr>
<tr>
<td>Negatives without Comments</td>
<td>0</td>
<td>N/A</td>
<td>Abstentions</td>
<td>16</td>
<td>5%</td>
</tr>
</tbody>
</table>

Reasons for abstentions:
- Lack of time = 8
- Lack of expertise = ___
- Conflict of Interest = ___
- Other = 7

10. RESOLUTION OF COMMENTS AND NEGATIVE VOTES

All balloting group members, observers, and coordinating groups have been advised of substantive changes made with respect to the balloted draft standard (in response to comments, in resolving negative votes, or for other reasons) and have received copies of all unresolved negative votes with reasons from the negative voter and the rebuttal, and have been advised that they have an opportunity to change their votes.

A. Have unresolved comments accompanying negative votes been circulated? Include unresolved negative comments and rebuttal.
   - Yes [☐]
   - No [☐]
   - No unresolved comments [☐]

B. Have substantive document changes been circulated?
   - Yes [☐]
   - No [☐]
   - No substantive changes [☐]

11. COORDINATION ACTIVITY (Not required for reaffirmation)

Using the abbreviations listed below, indicate the response received from each committee/organization required for coordination and include a copy of the response. Include documentation authorizing coordination by common membership, if applicable.

<table>
<thead>
<tr>
<th>Committee/Organization</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCC14 (Quantities, Units, &amp; Letter Symbols)</td>
<td>NR</td>
</tr>
<tr>
<td>IEEE Standards Editorial Staff</td>
<td>R/C</td>
</tr>
<tr>
<td>IEEE Registration Authority Committee (RAC)</td>
<td>NR</td>
</tr>
</tbody>
</table>

Indicate below any unresolved problems from coordination activities.

none

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Changes approved by RevCom on 18 March 2009
12. PATENT/COPYRIGHT and REGISTRATION ISSUES
A. Any patent letters of assurance (LoAs) received by the Sponsor are to be forwarded to the PatCom Administrator [Fax: +1 732 875 0524].
B. Is there any copyrighted material in the proposed standard? ☐ Yes ☑ No
   If yes, include copyright release(s).
C. Did the PAR indicate possible registration activity related to this project, did the IEEE Registration Authority Committee (RAC) request coordination, or is the registration of objects and/or numbers included in the proposed standard? ☐ Yes ☑ No

13. COOPERATIVE STANDARDS ACTIVITIES (Not required for reaffirmation)
IEEE has various agreements with other organizations. These agreements may include an expedited adoption process and may allow for the joint development and publication of standards.

Examples of commonly-used agreements are:
- ISO/IEEE PSDO Cooperation Agreement
- IEC/IEEE Dual Logo Agreement

A. If any of the following statements apply, please check the box accordingly:
   ☐ It is intended to submit this standard for fast-track adoption.
   ☐ This standard was jointly developed with another organization.
   ☐ This standard is a revision to a standard previously adopted by another organization.
   ☑ This standard will form a basis of, or be included in, another organization’s standard.

B. For the boxes checked above, please indicate the organization, technical committee name/number and contact information.

   Organization:
   ☐ ISO ☐ IEC ☐ ISO/IEC/JTC1 ☑ ITU ☐ Other
   Name of the organization, if Other:

   Technical Committee/Subcommittee Number: ITU-R WP 5D
   Technical Committee/Subcommittee Name: IMT Systems
   Contact Information for the Person Responsible for Coordinating this Project:
   Name: Roger Marks
   Phone Number: r.b.marks@ieee.org

14. UNIT OF MEASUREMENT (check one)
   ☑ International System of Units (SI) - Metric ☐ Inch/Pound ☐ Both ☐ Not measurement sensitive
   ☐ Other

15. Source Materials Submitted to IEEE Standards Department
A. Have electronic versions of the source documents (text and figures) been provided? ☑ Yes ☐ No Format: 
B. Will a diskette or other online material be required to accompany the published standard? ☑ Yes ☐ No