Proposal to Consider Transfer of 802.16 Projects

[IEEE 802.16 Mentor Presentation Template (Rev. 0)]
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Base Contribution:

Purpose:
  To outline a proposal offering to transfer 802.16 projects to other IEEE 802 Working Groups.
Notice:

Copyright Policy:
Patent Policy:

802.16 Working Group Activity

- Working Group has three PARs
- WG participation as a whole is light
  - 9 members
  - 1 potential member
- IEEE 802 EC members inquired during March Plenary regarding WG and project viability
  - see IEEE 802 EC minutes and IEEE 802.16-14-0034-03

More Stringent IEEE 802 Review

- Nov 2014 revision of IEEE 802 LMSC Operations Manual on criteria for standards development (CSD) ["Five Criteria"]:
  - The CSD statement shall be reviewed and approved by the WG and the Sponsor as part of the approval process for the following:
    - Forwarding the PAR to NesCom
    - As part of the WG ballot to assure the draft is consistent with the 5C
    - Forwarding the draft to Sponsor ballot
    - Forwarding the draft to RevCom

Project Relocation

- Maintaining a Working Group requires overhead.
- For social and organizational reasons, participants may be more likely to engage in projects within their primary Working Group.
- It is feasible that existing 802.16 projects could attract broader participation if relocated to other, more active 802 Working Groups.
- Such feasibility is enhanced if the project could take advantage of synergy with other activities within the new Working Group home.

IEEE Std 802.16 Amendment Projects

- P802.16q: multi-tier (small-cells, etc.)
  - PAR: August 2012 (expires Dec 2016)
  - Good progress; draft in WG Letter Ballot
- P802.16r: small-cell backhaul
  - PAR: Dec 2012 (expires Dec 2016)
  - incomplete Architecture and Requirements Document
  - interest mainly in Ethernet backhaul and SDN aspects
- Projects and base standard should not be renamed or renumbered.
- If projects are moved, then ongoing maintenance of the base standard should be moved together with projects.
- IEEE Std 802.16 is being used in specialized smart grid and utility applications that may be synergistic with, for example, 802.15 Working Group activities.

Standalone Project

- P802.16.3: Mobile Broadband Network Performance Measurements
  - PAR: August 2012 (expires Dec 2016)
  - Good progress; solid Architecture and Requirements Document
  - not directed at 802.16 air interface; could be easily relocated to a different IEEE 802 Working Group
  - could be renumbered without serious implications

Possible Project Relocation

- Consider opportunities to move projects into other 802 WGs.

- Invite other WGs to consider interest in IEEE 802.16 standards and projects.

- Change of WG assignment would require a PAR change, because PAR specifies WG.

Details

- Could be considered as
  - merger of WGs
  - transfer of projects
  - joint development plan
- IEEE 802.16 members could become members of new WG.
- IEEE 802.16 WG could remain responsible for some base standards (e.g. IEEE Std 802.16.1)
  - in that case, hibernation might be appropriate

Suggestions

- 802.16 WG should solicit interest from other WGs in current base standards and projects
- 802.16 WG should solicit suggestions regarding practicality and advisability of various approaches
- If nothing changes and the projects remain within 802.16, their development should continue as long as participants continue to advance the work
  - additional participation from other WGs participants, and from those outside the current 802 community, should be encouraged
- Any plan should be based on 802 EC coordination and consensus prior to formal decision.

Dates

- 2014-05-08: General discussion at 802.16 WG telecon; encouraged to review with 802 Wireless Interim officers meeting
- 2014-05-11: General discussion with 802 Wireless Interim meeting
- 2014-06-03: IEEE 802 EC telecon (note: Marks is unavailable to participate on that date)
- 2014-06-09: More detailed discussion at 802.16 WG telecon
- 2014-07-13 through 18: More discussion at 802 Plenary