IEEE P802.11
Wireless LANs

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| PAR Minutes – November 2015 Session |
| Date: 2015-11-09 |
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Abstract

This document contains the minutes of the PAR Standing Committee session that was held during the November 2015 IEEE 802.11 Plenary meeting.

# Monday November 9, 16:00-18:00

### Jon Rosdahl, CSR-Qualcomm – Chair

Attendance: 9

1. Meeting called to order at 16:08 CDT
2. Agenda Review – approved as document 11-15/1212r0
3. Approval of minutes from September Interim – document 11-14/753r4
* Minutes are approved by unanimous consent
1. PAR review of 802.15.3d - 100Gbps wireless switched point-to-point physical layer
* Change “bps” to “b/s” throughout the document when abrieviating bits per second.
* Discussed the scope of this PAR change vs the PAR change from complete standard.
* Discussed the band and speed changes covered by the standard.
* Editorial issues in body of form.
1. 802.15.4t Standard: Low-Rate Wireless Personal Area Networks (LR-WPANs) Amendment for a High(er) Rate Physical (PHY) Layer, [PAR](http://grouper.ieee.org/groups/802/PARs/2015_11/15-15-0738-00-0000-15.4t-HR_PAR_Draft.pdf) and [CSD](http://grouper.ieee.org/groups/802/PARs/2015_11/15-15-0739-00-0000_15.4t-HR-CSD-draft.docx)
* The Title needs to quantify a numerical range when describing a “higher rate”
* Discussed other editorial issues.
1. 802.15.4u Amendment, Low-Rate Wireless Personal Area Networks (LR-WPANs) Amendment for use of the Indian 865-867 MHz band. PAR and CSD
* Change the wording of “Indian 865-867 MHz band”to “865-867 MHz band in the India”
* Discussed other editorial issues.
1. 802.16s - Amendment, Fixed and Mobile Wireless Access in Channel Sizes up to 1.25 MHz, PAR and CSD
* The PAR says 15 members. However the number of 802.16 memberships is only 6.
* There’s not much evidence of support for this new project within IEEE 802.
* In 2014, 802.16 was working towards wrapping up the working group activities.
* 3GPP developes narrow band LTE (NB-IOT) to work in licensed bands. This PAR appears to have a direct overlap with
* Where’s the reference to the ABI study?
* There is no evidence of interest in this technology.
* The proprietary systems should be mentioned in the Market Feasibility section.
* Are there Working Group documents that justify the need for this PAR?
1. Recess at 18:03

# Tuesday November 10, 10:30-12:30

### Jon Rosdahl, CSR-Qualcomm – Chair

Attendance: 4

1. Meeting called to order at 10:44 CDT
2. Agenda Review – approved as document 11-15/1212r2
3. Determine Vice Chair/Secretary
* Michael Montemurro (BlacKBerry) acclaimed unanimously as Vice Chair/Secretary.
1. Review 802.15.4u comments
* Remove “Republic of” from the India comment
1. Review 802.16s comments
* Update comments on 7.1
1. 802d - Amendment: URN Namespace, PAR and CSD
* The project creates a namespace to facilitate use of the YANG model.
* Update the wording of the scope to cover 802.11-based equipment.
* Other editorial changes
1. 802.1CQ- Standard: Multicast and Local Address Assignment, PAR and CSD
* Project expands the Global Address space for MAC addresses.
* The original plan was to reserve bits. However that would reserve the space for locally administered MAC addresses.
* Discussed the relationship between this PAR and the work that is being done on privacy.
* Other editorial changes.
1. 802.3ca - Amendment, 25 Gb/s and 100 Gb/s Passive Optical Networks, PAR and CSD
* No comments
1. 802.3cb - Amendment, 2.5 Gb/s and 5 Gb/s Operation over Backplane and Copper Cables , PAR and CSD
* No comments.
1. Wrap-up on PAR and CSD comments
* Reviewed all PAR and CSD comments
* With respecte to 802.16s, the sentiment of the room was that the project did not have sufficient support.
* If the 802.16s does not move forward, there is another potential sponsor for the work in the Mircowave Society.
* Include a straw poll on 802.16s on the plenary session to guide the Working Group Chair.
* The Random MAC address for privacy could be an issue for 802.1CQ.
* The comments will be posted as document 11-15/1212r2

MOTION: Move to accept the feedback in 11-15/1212r2 as the feedback on the Proposed PARs for the November 2015 Plenary.

Mover: Andrew Myles

Second: Dorothy Stanley

Result: 4 – Yes; 0 – No; 0 – Abstain. Motion Passes.

1. Recess at 12:23 CDT

# Thursday November 12, 10:30-12:30

### Jon Rosdahl, CSR-Qualcomm – Chair

**Michael Montemurro – Vice-Chair**

Attendance: 6

1. Meeting called to order at 10:44 CDT
2. Agenda Review – approved as document 11-15/1212r3
3. Reviewed 802d PAR comments
* No discussion.
1. Reviewed 801.CQ comments
* The RAC want CID expanded to “Company ID”
* The usage guidelines for OUI and/or CID are unclear.
1. Reviewed 802.3 PAR comments
* No discussion.
1. Reviewed 802.16s PAR comments
* The Micowave Society could host this work.
* The advantage of the work being done in IEEE 802 is that IEEE802 has oversite.
* The NB-IOT has a similar scope and should be included in the PAR.
* There were 2 utilities and 4 equipment vendors supporting this on mentor.
1. Reviewed 802.15.3d PAR comments
* No discussion.
1. Reviewed 802.15.4t PAR comments
* No discussion.
1. Reviewed 802.15.4u PAR comments
* No discussion.
1. Discussion on rebuttal to responses PAR comments
* Rebuttal to 802.15.4t
	+ The range needs to be specified where it first appears – either add the range to the title or remove “higher” from the title.
* Rebuttal to 802.16s
	+ NB-IOT is a competing technology addressing similar scope and use cases to this proposed project.
	+ The identified stakeholders appear to have a need for an 802.16-based solution.

MOTION: Move to accept 11-15/1212r3 as the feedback, including rebuttal on the proposed PARs for the November 2015 802 Plenary.

Mover: Andrew Myles

Second: Stuart Kerry

Result: 5 – Yes; 0 – No; 0 – Abstain. Motion Passes.

1. Adjourn at 11:35 CDT