

IEEE P802.15
Wireless Personal Area Networks

Project	IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs)	
Title	Interest Group FANE meeting minutes, November 2017	
Date Submitted	November 09, 2017	
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Re:	Meeting minutes	
Abstract	Interest Group minutes	
Purpose	Document meeting	
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IEEE Project 802
Working Group 15, Interest Group FANE
Meeting Minutes: November 2017 802 Plenary

Chair:	Matthew Gillmore	Itron
Recording Secretary:	Benjamin Benjamin A. Rolfe	Blind Creek Associates

Interest Group FANE

Exploring
Extension of 802.15.4 SUN OFDM PHY and OQPSK PHY for
FAN applications

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Tuesday, November 07, 2017 (AM2)

Called to Order

Chair calls the meeting to order at 10:32 local time.

Acting recording secretary volunteer: Ben Rolfe. A chair and secretary are present.

Opening Report and Meeting Preamble

Chair presents opening slides including the IEEE patent policy information.

Chair directs attendees to review the meeting preamble slides via the link on the 802.15 home page:

<http://standards.ieee.org/board/pat/pat-slideset.ppt>

Attendees are informed that:

- The IEEE's patent policy is consistent with the ANSI patent policy and is described in Clause 6 of the *IEEE-SA Standards Board Bylaws*;
- Early identification of patent claims which may be essential for the use of standards under development is strongly encouraged;
- There may be Essential Patent Claims of which the IEEE is not aware. Additionally, neither the IEEE, the WG, nor the WG chair can ensure the accuracy or completeness of

any assurance or whether any such assurance is, in fact, of a Patent Claim that is essential for the use of the standard under development.

The foregoing information was provided; the chair provided an opportunity for participants to identify patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) of which the participant is personally aware and that may be essential for the use of that standard: No responses were heard.

Agenda

1. Review presentation from Sept meeting
2. Discuss potential project scope and interest
3. Conditional on (2), begin work on PAR and CSD
4. Prepare closing report to WG

Following no discussion nor objection the Agenda is approved.

Discussion

Potential scope:

SUN-OFDM: add obvious missing higher rates; discussion: Unanimous consensus that this is a good idea and should be included.

During discussion it was suggested to consider also the obvious missing lower rates (upper right corner of Table). Conclusion: will discuss in January and either include in scope or explain why we should not include it.

SUN-OQPSK: Suggested to include definition of channelization for use of the narrow band (100 kcps) SUN-OQPSK PHY modes in other regions, e.g. North America. Unanimous consensus that this is a good idea and should be included.

Straw Poll

Straw poll: should we move this forward as a project: 12/0/0;

Work on PAR and CSD

Chair leads discussion and working session Results posed in document 15-17-0624-00 (PAR) and 15-17-0622-00 (CSD).

<https://mentor.ieee.org/802.15/dcn/17/15-17-0624-00-fane-fane-proposed-par.docx>

<https://mentor.ieee.org/802.15/dcn/17/15-17-0622-00-fane-proposed-fane-csd.docx>

Recess

Recess at 11:00.

Thursday, November 09, 2017 (AM1)

Chair calls meeting to order at 0830.

Closing Report Preparation

Result posted in document 15-17-0659-00.

<https://mentor.ieee.org/802.15/dcn/17/15-17-0659-00-fane-fane-closing-slides.pptx>

Next Steps

January objectives: Complete PAR and CSD, begin technical work.

Action: Chair to issue a call for participation email.

Expectation: will have proposed changes to OFDM MCS table and details for OQPSK channel plan additions to review and revise for the January meeting.

Adjourn

Adjourned 0900