**IEEE P802.24**

**Smart Grid TAG**

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| Project | IEEE P802.24 Smart Grid Technical Advisory Group | |
| Title | Aug 2019 Teleconference Minutes - Licensed Narrowband Amendment | |
| Date Submitted | 2019-08-05 | |
| Source | Ben Rolfe (BCA) |  |
| Re: | 802.24 TAG Teleconference minutes | |
| Abstract | Aug 2019 Teleconference Minutes – discussion on Licensed Narrowband Amendment | |
| Purpose | Document meeting activity and action items. | |
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Contents

[Minutes 2](#_Toc16599398)

[Introduction and Purpose 2](#_Toc16599399)

[Meeting Preamble 2](#_Toc16599400)

[Agenda 3](#_Toc16599401)

[Discussion 3](#_Toc16599402)

[Next Call 4](#_Toc16599403)

[Attendees 5](#_Toc16599404)

# Minutes

## Introduction and Purpose

This ad-hoc teleconference was scheduled by the 802.24 TAG during the July 2019 Plenary meeting, and announced on the 802.24 TAG reflector:

802.24 members,

802.24 will host an ad-hoc teleconference for discussion and consideration of future PAR development for an amendment to 802.16, extending the 802.16s amendment to support narrower channels and other improvements. Since the 802.16 working group is in hibernation, the vertical applications TAG will provide a forum for this process.

The teleconference will take place August 5, 2019 at 1pm Pacific, 4pm Eastern for 1 hour

The purpose of the teleconference is to consider a new project that could extend IEEE 802.16-2017 to provide support for narrower channels of operation and aggregate discontinuous narrowband spectrum. This capability is needed to address operations in the smaller spectrum allocations that electric utilities and other critical infrastructure industries have access to.

Although the 802.24 TAG will not develop this amendment, the IEEE 802 Chair, Paul Nikolich, suggested the TAG could host teleconferences to allow a forum for discussion, since the 802.16 WG is in hibernation. The scope and focus of the 802.24 TAG is appropriate for discussion of new projects to serve electric utilities and other critical infrastructure industries.

## Meeting Preamble

The meeting is called to order at: 1:04pm Pacific

The 802.24 Chair is Tim Godfrey (EPRI)

The secretary is Benjamin Rolfe (BCA)

Chair presents the “Guidelines for IEEE-SA Meetings” and the “Participation in IEEE 802 Meetings” slides for non-PAR / pre-PAR activities.

There are no questions nor discussion on the slides.

## Agenda

1. Preamble
2. Development of new 802.16 project
   1. Background and process
   2. Work on drafting possible PAR
3. AoB
4. Adjourn

Following neither discussion nor objections agenda approved by unanimous consent.

## Discussion

Process discussion: 802.24 working this by request of 802 chair. A TAG can develop and propose a PAR for a working group. It is then provided to the EC which will decide how to move the PAR forward, or not. We will capture the work in 24 document submission, and circulate for discussion with EC.

Several possible scenarios are discussed, including un-hibernating 802.16, and merging into 802.15 as was done with 802.22. An issue with the first is finding a volunteer to chair 802.16 as Roger has indicated he would rather not. The later would require only a Task Group chair volunteer. Further discussion needed on whether it is done in un-hibernated 802.16, or a new task group in 802.15.

Action:

TAG Chair to discuss with 802.15 chair the later possibility. TAG Chair will discuss with EC Chair process for moving PAR forward when we have something to move forward. TAG Chair will report back to the group.

Possible Timeline

January 2020 Start Task Group

November 2020 Spec Framework, System Requirements Document Approved

March 2021 First WG Letter Ballot

November 2021 Sponsor Ballot

RevCom May 2022

Worked on proposed PAR text. Tim captures result to be posted in doc #24-19-0022.

Discussion on channel bandwidth: Agreed on the merits of broader bounds in PAR, noting it can be stated as a “not to exceed” bounds in the PAR scope.

Licensed or unlicensed: expectation is focus on licensed bands.

Action:

Consider title and scope to incorporate changes to existing operation between 100 and 1.25 MHz

Next Steps / actions:

1. Run the idea to 802.15 and get Bob’s input.
2. Invite him to next teleconference.
3. Start drafting the CSD
4. Chair to post “Pre-PAR development for Narrowband Licensed Operation“

# Next Call

**Next Call September 3, 4pm eastern, 1pm pacific.**

# Attendees

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| Name | (Affiliation) |
| Tim Godfrey | (EPRI) |
| Ben Rolfe | (BCA) |
| Brett Kilbourne | (UTC) |
| Rich Hawkins | (WiMAX Forum) |
| Jay Holcomb | (Itron) |
| Craig Tedrow | (GE Grid Solutions) |
| Kathy Nelson | (Ondas) |
| Doug Gray | (TCS Consulting) |