IEEE P802.11
Wireless LANs

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| AANI January 2018 Meeting Minutes  |
| Date: 2018-01-17 |
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**Abstract**

This document contains the [draft] minutes of the IEEE 802.11 AANI SC meetings held the week of 15 January 2018 in Irvine, CA, USA.

**Contents:**

Monday 15 January 13:30 3

Tuesday 16 January 13:30 4

Wednesday 17 January 5

Thursday 18 January 5

**Administration:**

**Chair: Joseph Levy, InterDigital**

**Vice Chair and Meeting Secretary: Roger Marks, EthAirNet Associates**

Monday 15 January 13:30

The Chair called the meeting to order at 13:35 following a room change to accommodate a large group. The Chair and Vice Chair introduced themselves. The Vice Chair volunteered to serve as secretary.

The Chair presented using IEEE 802.11-17/1867 (the “slides”, presented in the revision r1, later revised several times during the week and finally uploaded after the close of the session as r4[?]). The Chair noted rules and procedures. He reviewed his proposed agenda on Slide 4. Following discussion and amendment to the first item on the Thursday schedule, the agenda was, without objection, approved per IEEE 802.11-17/1867r2 at 13:43.

The Chair presented the slides through Slide 8.

Without objection, the minutes of the September F2F Meeting and the intervening teleconferences were approved, per Slide 8.

The Chair reviewed the AANI Background, per Slides 9-10. Upon discussion, an edit to Slide 10 was made.

The Chair presented Slide 11 regarding liaison status.

Per Slides 13-14, the Chair provided a list of contributions and reflector discussions regarding a possible 802.11 IMT-2020 RIT Proposal.

Per Slide 15, the Chair proposed a way forward on the possible 802.11 IMT-2020 RIT Proposal. Per Slide 16, the Chair invited Rakesh Taori to present 802.11-17/1889r2. This presentation began at 13:57. Presentation and discussion followed. The Chair conducted straw polls, as follows:

Should 802.11 propose itself as a IMT-2020 technology?

 Yes: 9

 No: 15

 Need More Time: 5

Do you believe 802.11 standard (including 802.11ax, ay) can meet the IMT-2020 requirements?

 Yes: 3

 No: 22

 Need More Time: 5

Do you support a new project to enable the 802.11 standard to meet the IMT-2020 requirements?

 Yes: 1

 No: 13

 Need More Time: 13

Do you believe 802.11 can complete such a project in the time available (June 2019)?

 Yes: 0

 No:25

 Need More Time:0

 The Chair adjourned the meeting at approximately 15:30.

Tuesday 16 January 13:30

The Chair called the meeting to order at 13:30. The Chair and Vice Chair introduced themselves. The Vice Chair volunteered to serve as secretary.

The Chair presented using IEEE 802.11-17/1867 (the “slides”, presented in the revision r2. The Chair noted rules and procedures. He reviewed his proposed agenda update on Slide 4. Without objection, the agenda was approved at 13:37. He reviewed Slides 3-7.

The Chair provided an update on Slide 13 and 14 regarding a proposed IMT-2020 contribution, per contribution 802.11-17/1889-02. The chair indicated that 802.11-17/1889-02 would probably not be opened for discussion in this meeting slot.

The Chair (Slide 17) presented results of straw polls held yesterday. The Chair asked for a show of hands regarding which participants were present yesterday and which were not. He determined that the group was significantly different. Discussion ensued about the wisdom of repeating the straw polls.

The Chair invited Rakesh Taori to review four email messages he had delivered to the AANI reflector since yesterday.

Mobility requirements for IMT-2020

<http://www.ieee802.org/11/email/stds-802-11-aani/msg00093.html>

Reliability Requirement for IMT-2020

<http://www.ieee802.org/11/email/stds-802-11-aani/msg00094.html>

Concerns about OFDMA support over larger distances

<http://www.ieee802.org/11/email/stds-802-11-aani/msg00095.html>

Device Density Requirements for IMT-2020

<http://www.ieee802.org/11/email/stds-802-11-aani/msg00096.html>

This discussion concluded at 14:37. The Chair asked for general comments.

The suggestion was made that the current understanding of the capabilities of the standard is sufficiently convincing to proceed with a contribution to ITU at this time. Alternative views were expressed, indicating that such a thorough understanding is not necessary to proceed now.

There was extensive discussion about risk to regulatory spectrum opportunities of various approaches.

At 15:09, the Chair suggested that the upcoming evening slot could be used for preparing a report to the WG, to be presented at tomorrow’s Midweek Plenary, at which he could ascertain whether the WG would like the AANI SC to continue with preparation of a contribution by Friday. He asked for indications of interest in joining such a meeting tonight. One person indicated such interest. The Chair indicated that an informal ad hoc discussion, rather than a minuted meeting, will be scheduled at the appointed time and place, by announcement to the reflector.

At 15:16, the Chair took an informal straw poll asking who would prefer to revisit yesterday’s straw polls. The result was 12 yes, 18 no. The Chair announced that, therefore, the straw polls would not be repeated.

Taori listed six primary issues that he believed had been raised and asked for any others. Two additional ones were raised. In addition, a request was made for a risk/reward chart.

The issues were, in addition to the subjects of the four topics of the emails noted above, were:

* The amount of resource required to carry out this effort.
* The level of confidence in the feasibility of meeting the set of technical requirements.
* Would a contribution now serve a purpose, given that the deadline is one and a half years away?
* What are the risks entailed in making such a proposal, particularly regarding external relationships with other organizations, should it later emerge that it is not able to meet the requirements?
* What are the risks and rewards in submitting and not submitting a proposal to IMT-2020?

Wednesday 17 January

(to follow)

Thursday 18 January

(to follow)