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| **Minutes of IEEE 802.1 OmniRAN TG Meeting in Waikoloa, HI** | | | | |
| **Date:** July 14 - 16, 2015 | | | | |
| **Author(s):** | | | | |
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**Abstract**

Minutes of the IEEE 802.1 OmniRAN TG meeting at the IEEE 802 Plenary meeting in Waikoloa, HI.

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Minutes of the IEEE 802.1 OmniRAN TG meeting at the IEEE 802 Plenary meeting in Waikoloa, HI.

**Tuesday, July 14th, 2015**

Chair: Max Riegel

Recording secretary: Walter Pienciak

**Call to order**

* Meeting called to order by Max Riegel at 13:35 hrs.

**Attendance**

* IEEE 802.1 meeting IMAT page was used for recording of attendance

IEEE 802.1 provides reciprocal attendance credits to members of IEEE 802.11.

However it was noted that IMAT structure was not well aligned to the wireless session structure.

Max will talk with 802.1 chair to get better allocations in IMAT.

* Roll call

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| --- | --- |
| **Name** | **Affiliation** |
| Max Riegel | Nokia Networks |
| Juan Carlos Zuniga | InterDigital |
| Walter Pienciak | IEEE-SA |
| Yonggang Fang | ZTE |
| Roger Marks | EthAirNet Associates |
| He Huang | ZTE |
| Glenn Parsons | Ericsson |
| Tom McBeath | Spirent |
| Jouni Korhonen | Broadcom |
| Hyeong-Ho Lee | ETRI |
| Hiroki Kakano | Kyoto University |
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**IEEE WG Guidelines**

* The chair presented the mandatory IEEE SA guideline slides and asked for anybody willing to make an IPR announcement.

No IPR declaration was raised.

**Minutes taker**

* Walter Pienciak volunteered to take notes.

**Agenda approval**

* Agenda as proposed in the chair’s meeting slides:

<https://mentor.ieee.org/omniran/dcn/15/omniran-15-0034-00-00TG-july-2015-f2f-meeting-slides.pptx>

* Proposed agenda items and related documents:

Review of minutes

<https://mentor.ieee.org/omniran/dcn/15/omniran-15-0027-00-00TG-april-16th-confcall-minutes.docx>

<https://mentor.ieee.org/omniran/dcn/15/omniran-15-0030-00-00TG-may-2015-f2f-meeting-minutes.docx>

<https://mentor.ieee.org/omniran/dcn/15/omniran-15-0033-00-00TG-june-30th-confcall-minutes.docx>

Reports

802.11 as a component

<http://www.ieee802.org/802_tutorials/2015-07/11-15-0757-00-0000-802.11-as-a-component.pptx>

Others

…

Review of 802.1CF editor’s draft

<https://mentor.ieee.org/omniran/dcn/15/omniran-15-0035-00-CF00-cf-text-review.pdf>

<https://mentor.ieee.org/omniran/dcn/15/omniran-15-0037-00-CF00-comments-on-cf-initial-text.xls>

P802.1CF contributions

Review of network reference model chapter

* <https://mentor.ieee.org/omniran/dcn/15/omniran-15-0036-00-CF00-nrm-introduction.pptx>

Backhaul representation

SDN Abstraction

Functional design and decomposition

* Dynamic spectrum access
* <https://mentor.ieee.org/omniran/dcn/14/omniran-14-0078-03-CF00-updated-text-for-an-setup.docx>

Project planning

Continuation of discussions with 802.11

Next meetings (conference calls, time and location of interim F2F)

Review and update of project plan

Publicity activities

Status report to IEEE 802 WGs

AOB

* The proposed agenda was approved. However it was agreed not to follow the listed sequence but to rearrange the sequence to accommodate the availabilities of the presenters and interested participants.
* To allow for participation in the Local Address SG comment resolution, the OmniRAN Wed PM1 session was canceled. An editor’s session will be held instead to clarify editorial issues in the editor’s draft.
* Topic arrangements over the week

Tue PM1:

OmniRAN opening

Minutes

Reports

Editor’s report

Tue PM2:

NRM discussions

Set-up contribution

Comments resolution

Wed PM1: TG meeting canceled

Editorial session

Wed PM2:

NRM refinements

Comments resolution cont

Thu AM2:

OmniRAN closing

Planning

Status report

AoB

**Review of minutes**

* <https://mentor.ieee.org/omniran/dcn/15/omniran-15-0027-00-00TG-april-16th-confcall-minutes.docx>
* <https://mentor.ieee.org/omniran/dcn/15/omniran-15-0030-00-00TG-may-2015-f2f-meeting-minutes.docx>
* <https://mentor.ieee.org/omniran/dcn/15/omniran-15-0033-00-00TG-june-30th-confcall-minutes.docx>
* No comments were raised on the minutes. Chair will forward minutes to 802.1 secretary for formal approval in the 802.1 closing plenary.

**Reports**

* 802.11 as a component

<http://www.ieee802.org/802_tutorials/2015-07/11-15-0757-00-0000-802.11-as-a-component.pptx>

Chair reported about his involvement in the tutorial presentation on “802.11 as a component” and then briefly presented the slides emphasizing the important contribution which OmniRAN can provide to the topic.

Conversation took place pointing to the particular usage of 802.11 for LTE offload and in ITS without AP and without 802.11 security.

* Others

No other reports were provided.

**Review of 802.1CF editor’s draft**

* <https://mentor.ieee.org/omniran/dcn/15/omniran-15-0035-00-CF00-cf-text-review.pdf>

Walter presented the document, which he has created out of the initial contributions as agreed in the Pittsburgh meeting.

* <https://mentor.ieee.org/omniran/dcn/15/omniran-15-0037-00-CF00-comments-on-cf-initial-text.xls>

Short overview was given on the submitted comments to the initial text.

It was agreed to work on the editorial comments in the editor’s session on Wed PM1.

The group started to work on the resolution of the technical comments until the coffee break with the plan to complete resolution of the technical comments in Wed PM2 session.

Meeting recessed at 15:30 hrs

Meeting reconvened at 16:10 hrs

**P802.1CF contributions**

* Review of network reference model chapter

<https://mentor.ieee.org/omniran/dcn/15/omniran-15-0036-00-CF00-nrm-introduction.pptx>

Max Riegel introduced and explained the revised text on network reference model chapter

Long discussion took place about definition of “port” and the existence of 30+ definitions of the term in IEEE Standards already (see dictionary.ieee.org)

Text is for comprehensive review until the next meeting.

* Backhaul representation

No contributions

* SDN Abstraction

No contributions

* Functional design and decomposition

Dynamic Spectrum Access

<https://mentor.ieee.org/omniran/dcn/14/omniran-14-0078-03-CF00-updated-text-for-an-setup.docx>

Yonggang Fang presented his update of the proposed text on dynamic spectrum allocation for the Access Network Setup chapter.

No concerns about including proposed text into initial draft.

It was agreed to denote the ASA functional entities by subscripts to indicate that the special function is part of the functional entities defined within the NRM section.

Meeting recessed at 17:30 hrs

**Wednesday, July 15th, 2015**

Meeting reconvened at 16:00 hrs

**Cont. Review of 802.1CF editor’s draft**

* <https://mentor.ieee.org/omniran/dcn/15/omniran-15-0035-00-CF00-cf-text-review.pdf>
* <https://mentor.ieee.org/omniran/dcn/15/omniran-15-0037-00-CF00-comments-on-cf-initial-text.xls>

Comments resolution completed and results captured in revision of the comments Excel

<https://mentor.ieee.org/omniran/dcn/15/omniran-15-0037-01-CF00-comments-on-cf-initial-text.xls>

Agreement to create new revision based on resolved comments, text clarifications and new content on Dynamic Spectrum Access.

Meeting recessed at 17:50 hrs

**Thursday, July 16th, 2015**

Meeting reconvened at 10:30 hrs

**Project planning**

* Continuation of discussions with 802.11

To enable cooperation with 802.11 at the next meeting it was agreed that OmniRAN will meet at wireless interim in Bangkok.

Chair will ask 802.1 closing plenary for approval.

* Revision text based on Waikoloa results

Walter will prepare updated text based on new contribution and comment resolution the following week.

* Next meetings

No conference call before the Bangkok F2F

Interim meeting in Bangkok, September 14th -17th

Conference call on Tuesday, September 29th, 10AM ET

Chair will send announcement with dial-in details on 802.1 mailing list and will put information on OmniRAN wiki on mentor.

* Review and update of project plan

Upload of P802.1CF d0.1 after Nov plenary

Running TG ballots after Nov plenary for progressing the document

Initial LB may take place after July 2016 plenary

**Publicity activities**

* Bring OmniRAN up on sdn.ieee.org

Create draft content for filling the page. Walter will take care.

**Status report to IEEE 802 WGs**

* Chair created draft and presented it for review
* <https://mentor.ieee.org/omniran/dcn/15/omniran-15-0038-00-00TG-july-2015-status-report-to-802wgs.pptx>
* Approved by the task group.

**Motions for the 802.1 closing plenary**

* Chair will bring up 2 motions on F2F interim meeting and conference call on Sept 29th

**AOB**

* None

**Meeting was adjourned by chair at 11:35 hrs**