IEEE 802ECSG
OmniRAN

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| Open mobile network interface for omni-Range Area Networks (OmniRAN) Executive Committee Study Group Meeting Minutes for March 2013 Plenary MeetingOrlando, FL, U.S.A. |
| Date: 22-March-2013 |
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Abstract

Minutes for the ECSG session held in Orlando, FL, U.S.A. in March 2013.

**Tuesday, March 19, 2013, 10:30 to 12:30**

Chair: Max Riegel

Recording secretary: Charles Perkins

**Call to order and agenda**

Meeting called to order on Tuesday, March 19th 2013 by Max Riegel at 10:33 (ET). The chair then reviewed the following topics from the agenda:

Agenda proposal ([omniran-13-0014-02-ecsg-march-2013-orlando-agenda](https://mentor.ieee.org/omniran/dcn/13/omniran-13-0014-02-ecsg-march-2013-orlando-agenda.pptx))

 [showed v-03 in meeting but claimed 'identical' to v-02]

Juan-Carlos introduced himself as vice chair

Charlie Perkins volunteered to take minutes, but not to be Secretary.

Agenda bashing:

* EC Request to poll the group about their "home" TG affiliation (participants can vote multiple times)
	+ .11 16
	+ .15 1
	+ .16 1
	+ .19 1
	+ .21 4
	+ Principally OmniRAN 4
* Request to review comments from external organizations if available (?Korea)

Agenda is approved as amended

* [omniran-13-0014-03-ecsg-march-2013-orlando-agenda.pptx](https://mentor.ieee.org/omniran/dcn/13/omniran-13-0014-03-ecsg-march-2013-orlando-agenda.pptx)

Minutes of February teleconference approved.

* [omniran-13-0013-00-ecsg-february-2013-teleconference-minutes.docx](https://mentor.ieee.org/omniran/dcn/13/omniran-13-0013-00-ecsg-february-2013-teleconference-minutes.docx)

Discussion about OmniRAN presentation to IETF, March 16.

* [omniran-13-0011-01-ecsg-omniran-introduction-and-way-forward.pptx](https://mentor.ieee.org/omniran/dcn/13/omniran-13-0011-01-ecsg-omniran-introduction-and-way-forward.pptx)
	+ No questions from IETF
	+ IETF feedback was to narrow down the focus

OmniRAN presentation to 802.1 opening plenary

* [omniran-13-0018-00-ecsg-omniran-introduction-to-ieee802-1.pptx](https://mentor.ieee.org/omniran/dcn/13/omniran-13-0018-00-ecsg-omniran-introduction-to-ieee802-1.pptx)
	+ Concerns about overlap with 802.1
	+ Concerns about too-high layer
	+ Need to provide material to explain to other working groups
	+ Would provide R3 to 3GPP SaMOG (Trusted Non-3GPP)
		- SDN ?
	+ 802.1 thinks that exposing R2, R3, R5 (slide 10) is overlapping their effort
	+ Need for Coordination between OmniRAN and 802.1, but nobody from 802.1 is in the room.
	+ Observation: 802.1 is not "acknowledged" in slide 10 (layer diagram)

**Recess**

The meeting was recessed, without objection, at 12:30 (ET)

**Tuesday, March 19, 2013, 13:30 to 15:30**

Chair: Max Riegel

Recording secretary: Charles Perkins

Meeting called to order by Max Riegel at 13:33 (ET). The chair then reviewed the following topics from the agenda:

Wi-Fi Hotspot Use Case (Max Riegel)

* [omniran-13-0019-01-0000-omniran-wi-fi-hotspot-use-case.pptx](https://mentor.ieee.org/omniran/dcn/13/omniran-13-0019-01-0000-omniran-wi-fi-hotspot-use-case.pptx)
* JC: Is R2 not important in the diagrams
	+ MR: R2 is technically not part of OmniRAN, but it is good to show in pictures
* CP: OmniRAN needs to understand 802.21. Can present 802.21 architecture.
	+ MR: OmniRAN wants to provide better roaming experience, not "session continuity"
* CP: Slide 4 says "seamless"
	+ MR: Change "seamless" to "convenient"
	+ 802.11u provides "convenient" service (not sure if this was the comment?)
	+ ..: ?seamless "authentication"?
	+ ..: recommend never use the word "seamless"
	+ ..: "subscription" WiFi services??
	+ ..: stuck on the word "seamless"...
* Farrokh: need to show what isn't covered elsewhere (e.g., HotSpot 2.0)
	+ MR: Not "covered", but exposing OmniRAN interfaces

Proximity Service (ProSe) Use Case (Hyunho Park)

* [omniran-13-0016-02-0000-omniran-proximity-service-use-case.pptx](https://mentor.ieee.org/omniran/dcn/13/omniran-13-0016-02-0000-omniran-proximity-service-use-case.pptx)
	+ 3GPP TR 22.803
* MR: How is this related to what has been presented for OmniRAN
* MR: Is it related to Use Case I, plus including content distribution
	+ Content Distribution might be out of scope for OmniRAN

Samog use case (Max Riegel)

* [omniran-13-0017-01-0000-omniran-samog-use-case.pptx](https://mentor.ieee.org/omniran/dcn/13/omniran-13-0017-01-0000-omniran-samog-use-case.pptx)
	+ SaMOG TR 23.852 v1.4.1
* Long discussion about what OmniRAN can offer, timing issues.
* 3GPP doesn't care about other technologies, it seems
* MR: Operators will never allow UEs to use their core network without being involved in the authentication process.
* Does IEEE define Ta, Tg, Tn, Tu, or does 3GPP do this?

**Recess**

The meeting was recessed, without objection, at 15:30 (ET)

**Wednesday, March 20, 2013, 13:30 to 15:30**

Chair: Max Riegel

Recording secretary: Juan Carlos Zuniga

Meeting called to order by Max Riegel at 13:40 (ET). The chair then reviewed the following topics from the agenda:

SDN based approach for OmniRAN

* [omniran-13-0022-00-0000-sdn-based-approach-for-omniran.pptx](https://mentor.ieee.org/omniran/dcn/13/omniran-13-0022-00-0000-sdn-based-approach-for-omniran.pptx)

Separation of control and data plane, applicable to all 802 technologies

Farrokh: What are the Requirements derived from this use case?

JCZ: we still need to do a need to do gap analysis wrt current specifications

Max: SDN is not a new concept.

JCZ: Agree. The new functionality would be to allow dynamic network reconfigurations

Antonio: Also have a clean separation of data and control plane

JCZ: Is the group interested in this work and would like to explore further?

~20 hands out of ~30

A Unified Management Framework

* [omniran-13-0020-00-0000-a-unified-management-framework-for.pptx](https://mentor.ieee.org/omniran/dcn/13/omniran-13-0020-00-0000-a-unified-management-framework-for.pptx)

Marc Emmelmann: Similar concept, different approach

MR: Are documents from the Univerself project publicly available?

ME: Yes: <http://www.univerself-project.eu/about-univerself>

Review, conclusion and further refinements

* Introduction into IEEE 802.21
	+ [omniran-13-0023-00-0000-ieee-802-21-an-overview-and-current-wg-status.pptx](https://mentor.ieee.org/omniran/dcn/13/omniran-13-0023-00-0000-ieee-802-21-an-overview-and-current-wg-status.pptx)
* OmniRAN within the IEEE 802 Reference Model
	+ [omniran-13-0021-00-0000-omniran-representation-in-802-architecture.pptx](https://mentor.ieee.org/omniran/dcn/13/omniran-13-0021-00-0000-omniran-representation-in-802-architecture.pptx)

**Recess**

The meeting was recessed, without objection, at 15:30 (ET)

**Thursday, March 21st , 2013, 13:30 to 15:30**

Chair: Max Riegel

Recording secretary: Charles E. Perkins

Meeting called to order on by Max Riegel at 13:35 (ET). The chair then reviewed the topics from the updated agenda:

* The updated agenda is document number omniran-13-0014-03-ecsg

Recap previous three meetings of the week

Liaison letter to 3GPP on interpretations

* [omniran-13-0024-00-0000-3gpp-liaison-on-samog-interpretations.docx](https://mentor.ieee.org/omniran/dcn/13/omniran-13-0024-00-0000-3gpp-liaison-on-samog-interpretations.docx)
* Large amount of discussion about the letter to 3GPP SA2, with questions about technical issues within SaMOG. The sense of the discussion was to encourage SaMOG to consider OmniRAN as a viable basis for a solution, and also to clarify some seeming technical issues within SaMOG that seem to introduce design inconsistencies or unnecessary restrictions.
* Motion to approve forwarding 3GPP SA2 liaison letter (omniran-14-0024-01)
	+ Moved: Roger Marks, Consensii
	+ Second: Juan Carlos Zuniga, Interdigital
	+ Unanimously approved.

Establishment of Draft Use cases document

* The study group is proposing a project. It could be a new Task Group, or it could be a task group within an existing Task Group
* It is agreed to keep the documentation as a slide deck. A formal document for the use cases will not yet be produced.

Plan and timeline for OmniRAN SG conclusion

* Discussion about meeting timeline and plan. Use case contribution is likely to be cut off after the second April teleconference.
	+ Caution about attempting to complete a PAR in a teleconference. Thus, the timeline was adjusted to have "Initial PAR" during May face-to-face meetimg.
* Motion to Request EC to extend OmniRAN EC Study Group until July 19th, 2013 (end of next plenary session).
	+ Moved: Harry Worstell, AT&T
	+ Seconded: Charles Perkins, Futurewei
	+ 15 yes/ 0 no/ 0 abstain

Report to closing EC meeting with extension of SG until July ‘13 plenary

* Draft of [omniran-13-0026-00-ecsg-ec-closing-report.pptx](https://mentor.ieee.org/omniran/dcn/13/omniran-13-0026-00-ecsg-ec-closing-report.pptx)
	+ Draft report shown; no comments received

Summary report for communication inside IEEE 802

* Michael will upload report to the omniran website
	+ [omniran-13-0025-00-0000-omniran-ec-sg-liaison-report-march-2012.pptx](https://mentor.ieee.org/omniran/dcn/13/omniran-13-0025-00-0000-omniran-ec-sg-liaison-report-march-2012.pptx)

**Next sessions**

* Teleconferences
	+ Thur April 11th, 2013, 9-10am, ET
	+ Thur May 2nd, 2013, 9-10am ET
* IEEE 802 Wireless Interim meeting
	+ May 13-17, 2013, Waikoloa, HI

**AOB**

* Nothing brought up

**Adjournment**

The meeting was adjourned, without objection, at 15:28 (ET)