IEEE P802.22 Wireless RANs

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| 2019 May Interim IEEE 802.22 Working Group Minutes |
| Date: 2019-05-13 |
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**IEEE 802.22 Wireless Regional Area Networks**

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Abstract

This document contains the minutes of the IEEE 802.22 Working Group 2019 May Interim Meeting held in Atlanta, GA, USA on May 14th and May15th 2019.

**May 2019 Interim Meeting Minutes**

**MINUTES**

##### 14th May Tuesday PM2 (WG Opening Plenary)

The WG chairman, Dr Apurva N. Mody called the meeting to order at 4:00 PM local time. There were 5 participants (4 were voting members) in the room at the opening of the session.

WG Chair announced that the meeting was in quorum since the current Working Group Membership consisted of 3 Members from 802.22 and 4 Ex-Officio Voters from the IEEE 802 Executive Committee.

**1.1 Approval of Agenda**

**The WG chair, explained agenda for the May Interim Session.**

***Motion - Approval of Agenda***

Move to Approve the Agenda as shown in Document 22-19-0024 Rev0 with a request to review the Working Group Roster

<https://mentor.ieee.org/802.22/dcn/19/22-19-0024-00-0000-802-22-may-interim-agenda.xls>

Move: Oliver Holland

Second: Paul Nikolich

For: 3

Against: 0

Abstain: 1

**Motion Passes**. Agenda is approved

**The Working Group discussed the 802.22 Revision Work Plan.**

* ~~Address and Resolve Comments for Draft 4.0 by March 15~~~~th~~ ~~2019~~
* ~~Conditional Approval to proceed to the Sponsor Ballot on March 15~~~~th~~ ~~from the EC~~
* ~~Prepare Draft 5.0 by the end of March 2019.~~
* ~~Draft 5.0 – Re-circulation to start around first week of April. 15 Days duration.~~
* ~~Assuming No New Comments and No New Disapproves – get the final approval from the EC that conditions have been met.~~
* ~~Send the Draft to IEEE MEC. 30 Days. Get the edited draft by the middle of May. (May 15~~~~th~~~~)~~
* Start the Sponsor Ballot Process by May 10th.
* Sponsor Ballot 1 – May 10th to June 10th
* Comment Resolutions – Address and Resolve Comments by June 20th 2019
* PAR Extension Request to the EC just to be safe. June 10th 2019
* Prepare the Re-circulation draft by June 20th 2019
* 15 Day Re-circ if more than 75% Approval. July 5th 2019
* Comment Resolutions – Address and Resolve Comments by July 15th 2019
* Conditional Approval from the EC to send the Draft to REVCOM in July 2019.
* Prepare a Re-circulation Draft by July 20th.
* 15 Day Re-circ, End by August 5th 2019
* Submit the Sponsor Ballot Approved Draft to Revcom before September 17th
* **November 2019 SASB Approval**

**The Working Group discussed the 802.22.3 Work Plan.**

* Address and Resolve Comments for Draft 5.0 by May 15th 2019
* Prepare Draft 6.0 by May 30th 2019
* First Re-circulation on June 1st 2019 – 15 Days … June 15th
* Address and Resolve the Comments. June 30th
* Prepare Draft 7.0 by June 30th 2019
* Complete Working Group Re-circ by July 15th 2019
* PAR Extension/ Modification Request to the EC by July 18th …
* Approval to go to the Sponsor Ballot from the EC by July 18th 2018
* Inform the EC that conditions for the Draft to go to the Sponsor Ballot have been met – July 24th 2019
* Send the Draft to the MEC – July 15th 2019. Get the Draft back from the MEC by **July 24th.**
* Start the Sponsor Ballot Process by July 26th 2019
* Sponsor Ballot 1 – July 26th to August 26th
* Comment Resolutions – Address and Resolve Comments by September 15th 2019
* Prepare the new draft by September 20th 2019
* Sponsor Ballot Re-circ
* 15 Day Re-circ if more than 75% Approval.
* Comment Resolutions – Address and Resolve Comments by October 15th 2019
* Prepare a New Draft by October 20th 2020 and send it for Final re-circ.
* Final Re-circ. End of November 2019 ….
* E-mail or Telecon Approval from the EC to send the Draft to REVCOM
* Submit to REVCOM before November 2019 SASB Meeting
* **November 2019 SASB Approval**

**1.2 Approval of the minutes of the last session**

The minutes of the 802.22 March 2019 WG Plenary Meeting can be found at:

<https://mentor.ieee.org/802.22/dcn/19/22-19-0012-00-0000-802-22-march-plenary-working-group-meeting-minutes.docx>

***Motion - Approval of the Meeting Minutes***

Move to Approve the March 2019 Plenary Meeting Minutes

<https://mentor.ieee.org/802.22/dcn/19/22-19-0012-00-0000-802-22-march-plenary-working-group-meeting-minutes.docx>

Move: Oliver Holland

Second: Bob Heile

For: 2

Against: 0

Abstain: 2

**Motion Passes**

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Motions that passed between March 2019 and May 2019 Meeting via E-mail Ballot

**MOTION 1 – Motion to forward the 802.22 Draft 5.0 to the Sponsor Ballot (Started – April 23rd 2019, Ended, May 6th 2019)**

802.22 Working Group Approves sending P802.22 Revision Draft 5.0 to the Sponsor Ballot.

Mover: Oliver Holland

Second: Gianfranco Miele

Motion Passed: Approve 4/ Disapprove 0/Abstain 0

**MOTION 2 – Motion to Confirm the 802.22 Revision CSD (Started – April 23rd 2019, Ended, May 6th 2019)**

802.22 Working Group Confirms the CSD for the P802.22 Revision, as can be found in the following Document:

<https://mentor.ieee.org/802.22/dcn/19/22-19-0017-04-0000-802-22-revision-par-new-csd-5c.docx>

Mover: Oliver Holland

Second: Gianfranco Miele

Motion Passed: Approve 4/ Disapprove 0/Abstain 0

**MOTION 3 – Motion to Re-affirm the 802.22 PAR (Started – April 23rd 2019, Ended, May 6th 2019)**

802.22 Working Group affirms the P802.22 Revision PAR.

<https://mentor.ieee.org/802.22/dcn/19/22-19-0023-00-0000-p802-22-revision-par.pdf>

Mover: Oliver Holland

Second: Gianfranco Miele

Motion Passed: Approve 4/ Disapprove 0/Abstain 0

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**2. Administrative Issues**

The WG Chair, reviewed the usual administrative slides on Patent Policy, Letter of Assurance, Anti-trust statement, IEEE code of ethics, etc. The WG Chair reminded everyone that the attendance recording is being done electronically as usual. The Chair of the Working Group asked if anyone was aware of any patents that were infringing on the 802.22 Standards. There were none.

**Working Group Motions**

Clause 5.0 of Working Group Policies and Procedures

**5.0 Subgroups of the Working Group**

The Working Group may, from time to time, form subgroups for the conduct of its business.

Membership in the subgroup is granted to any member of the Working Group. Such formation

shall be explicitly noted in the meeting minutes. At the time of formation, the Working Group

shall determine the scope and duties delegated to the subgroup, and may decide to allow

participation of non-Working Group members and the terms and conditions under which such

members participate in the subgroup. Any changes to its scope and duties will require the approval of the Working Group. Any resolution of a subgroup shall be subject to confirmation by the Working Group.

The Chair of the Working Group shall appoint the Chair of the subgroup.

**Standards Board Operations Manual**

**5.4.3**

The Standards Committee shall ensure that comment resolution occurs via a comment resolution group, which is a subgroup of the working group. The chair of the comment resolution group may allow persons who are not working group participants to join the comment resolution group.

***Motion to Create 802.22 Revision Comment Resolution Group***

Per the Standards Board Operations Manual 5.4.3 (Conduct of the Standards Balloting Process) the 802.22 Working Group authorizes creation of a Comment Resolution Group (CRG) to handle the P802.22 Revision Sponsor Ballot Process. The CRG shall consist of Apurva Mody (Chair of the CRG)

and CRG Participants

* Oliver Holland – WG Member
* Gerald Chouinard – Non-working Group Member
* Ivan Reede – Non-working Group Member
* Ranga Reddy – Non-working Group Member

and other interested parties who wish to participate.

Move: Paul Nikolich

Second: Bob Heile

For: 3

Against: 0

Abstain: 1

**Motion Passes**.

***Motion to Create 802.22.3 Comment Resolution Group***

Per the Working Group Policies and Procedures Clause 5.0 (Subgroups of a Working Group) the 802.22 Working Group authorizes creation of a Comment Resolution Group (CRG) to handle the Working Group Letter Ballot Process of P802.22.3. The CRG shall consist of Oliver Holland (Chair of the CRG)

and CRG Participants

* Apurva Mody – WG Member
* Gianfranco Miele – WG Member
* Roger Hislop – Non-working Group Member
* Mike Cotton – Non-working Group Member
* Ranga Reddy – Non-working Group Member
* Harry Bims – Non-working Group Member

And any other interested individuals who wish to participate.

Move: Bob Heile

Second: Oliver Holland

For: 3

Against: 0

Abstain: 1

**Motion Passes**.

***Motion to Create 802.22.3 Comment Resolution Group***

Per the Standards Board Operations Manual 5.4.3 (Conduct of the Standards Balloting Process) the 802.22 Working Group authorizes creation of a Comment Resolution Group (CRG) to handle the Sponsor Ballot Process of P802.22.3. The CRG shall consist of Oliver Holland (Chair of the CRG)

and CRG Participants

* Apurva Mody – WG Member
* Gianfranco Miele – WG Member
* Roger Hislop – Non-working Group Member
* Mike Cotton – Non-working Group Member
* Ranga Reddy – Non-working Group Member
* Harry Bims – Non-working Group Member

And any other individuals who wish to participate

Move: Paul Nikolich

Second: Oliver Holland

For: 3

Against: 0

Abstain: 1

**Motion Passes**.

***Motion to Transition the 802.22.3 Activity to 802.15 Working Group***

802.22 Working Group approves to transition the 802.22.3 Activity to 802.15 Working Group and seeks EC approval to re-assign the P802.22.3 PAR to the 802.15 Working Group.

Move: Paul Nikolich

Second: Oliver Holland

For: 3

Against: 0

Abstain: 1

**Motion Passes**.

***Motion to Send 802.22 Revision Draft to SC6 for Information***

802.22 Working Group Approves sending the 802.22 Revision Draft 5.0 to SC6 for Information and seek EC approval.

Move: Oliver Holland

Second: Bob Heile

For: 3

Against: 0

Abstain: 1

**Motion Passes**.

***802.22.3 PAR Extension Request and Confirmation of the CSD***

***(This Motion was passed during the November 2018 Plenary Meeting – Putting this as an Information Item Only)***

802.22 Working Group Approves the modification to the 802.22.3 PAR Extension Request as can be found in

<https://mentor.ieee.org/802.22/dcn/18/22-18-0040-01-0000-802-22-3-par-extension-request.docx>. 802.22 Working Group confirms that the Draft Standard is consistent with the Criteria for Standards Development for the Project as can be found in the Document:

<https://mentor.ieee.org/802-ec/dcn/18/ec-18-0076-00-ACSD-802-22-3.docx>

Working Group requests the Chair to forward the PAR Extension Request to the IEEE 802 Executive Committee for Approval and to the IEEE SA NESCOM for consideration.

Move: Oliver Holland

Second:

For: 4

Against: 0

Abstain: 1

**Motion Passes**.

***Motion to Request the Launch of Sponsor Ballot for 802.22.3 – MOTION POSTPONED***

802.22 Working Group authorizes the 802.22 Working Group Chair to request unconditional approval to launch the 802.22.3 Sponsor Ballot based on Draft 5.0 from the IEEE 802 Executive Committee. 802.22 Working Group confirms that the Draft Standard is consistent with the Criteria for Standards Development for the Project as can be found in the Document:

<https://mentor.ieee.org/802-ec/dcn/18/ec-18-0076-00-ACSD-802-22-3.docx>

802.22 Working Group confirms the 802.22.3 PAR as can be found in:

<https://mentor.ieee.org/802.22/dcn/18/22-18-0040-01-0000-802-22-3-par-extension-request.docx>

Move:

Second:

For: 4

Against: 0

Abstain: 1

**Motion Passes**.

***Motion to Modify the 802.22.2 PAR to transition it to 802.15 Working Group***

802.22 Working Group accepts the changes to the 802.22.3 PAR as shown in Document to transition it to the 802.15 Working Group

<https://mentor.ieee.org/802.22/dcn/19/22-19-0027-00-0003-updated-par-for-p802-22-3-2019-par-extension-and-transfer-of-project-to-ieee-802-15-wg.pdf>

802.22 Working Group confirms the Criteria for Standards Development as can be found in:

<https://mentor.ieee.org/802.22/dcn/19/22-19-0028-00-0003-updated-csd-for-p802-22-3-transfer-of-project-to-ieee-802-15-wg.docx>

Move: Paul Nikolich

Second: Oliver Holland

For: 2

Against: 0

Abstain: 1

**Motion Passes**.

3/3 would come back to Atlanta

3/3 would come back to Atlanta twice next year

Oliver, Apurva, Paul, Harry will be Vienna

Motion: At the time of transfer of P802.22.3 to 802.15 WG as P802.15.22, request 802.15 WG Chair to appoint 802.22 WG voting members at that time as voting members of the 802.15 WG

Move: Oliver Holland

Second: Paul Nikolich

For: 2

Against: 0

Abstain: 1

Action points:

Circulate updated draft modified PAR and CSD to WG email list, Bob Heile and Geoff Thompson.

Request Bob Heile to solicit 802.15 approval of the transfer of P802.22.3 to 802.15 (15 May 2019 802.15 vote was only a straw poll).

Request Bob Heile to solicit 802.15 approval of the updated 802.22.3802.15.22 PAR and CSD.

Request Bob Heile to solicit 802 EC approval of the transfer of P802.22.3 to 802.15, and the updated PAR and CSD for P802.22.3802.15.

**Motion– Motion to adjourn**

Move to adjourn.

Move: Paul Nikolich

Second: Oliver Holland

Any discussions, Any objections.

**Motion Passes.**

The group was adjourned at 6:00 pm local time on Wednesday 15th May 2019.

**802.22 Attendance List**

**ANNEX**

**Working Group Contributions can be found at** [**https://mentor.ieee.org/802.22/documents**](https://mentor.ieee.org/802.22/documents)