IEEE P802.19
Wireless Coexistence

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| January 2014 WG Meeting Minutes |
| Date: 2014-1-27 |
| Author(s): |
| Name | Company | Address | Phone | email |
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Abstract

The document contains the IEEE802.19 WG meeting minutes of January 2014 Interim meeting.

# ****WG Opening, Monday, January 20, AM2****

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First session of the meeting was called to order by Steve Shellhammer, the WG Chair, at 10:40 PM on Monday, January 20, 2014.

### APPROVE WG AGENDA

The WG Chair presented the working group agenda in the document 19-14/0214r1.

[Motion] To approve WG agenda as in the document 19-14/0214r1.

Move: I. Reede

Second: T. Shimomura

Approved by unanimous consent.

### RECRUIT WG SECRETARY

The WG chair asked for volunteers for WG secretary position. Tsuyoshi Shimomura volunteered for the WG secretary for the week.

### APPROVE MINUTES FROM PREVIOUS SESSION

The WG Chair asked to approve the WG minutes (19-13/0143r0) of the November 2013 Plenary meeting.

[Motion] To approve minutes from previous session as in the document 19-13/0143r0

Move: I. Reede

Second: S. Filin

Approved with unanimous consent.

### IEEE IPR STATEMENT

The WG Chair reviewed the IEEE patent policy and showed the set of 3 slides identified as “Highlights of the *IEEE-SA Standards Board Bylaws* on Patents in Standards” available at the IEEE PATCOM web site (<http://standards.ieee.org/board/pat/pat-slideset.ppt>). He directed the secretary to record the fact that this presentation was made in the minutes for the meeting.

The WG Chair made a call for essential patents: No one came forward.

The WG Chair reviewed other guidelines for IEEE WG meetings.

### OPENING REPORT

The WG Chair made the opening report (19-14/0004r1).

* Officer election in March.
* Sponsor ballot for 802.19.1 closed on Dec 27, 2013. Passed with 91% Approal rate, > 75% Return rate, < 30% Abstain rate. 14 General Comments, 50 technical comments, 38 Editorial comments.
* Send an e-mail for joining the ballot resolution committee.
* Discuss Future Activities after 802.19.1.on Thursday.

### SPONSOR BALLOT COMMENT RESOLUTION

The WG chair presented the document 19-13/0144r1 which provides guidelines and procedures for Sponsor Ballot comment resolution. No question was made.

### LIAISION REPORT FROM 802.15

Hyunduk Kang gave a short verbal update.

### LIAISION REPORT FROM 802.22

Ivan Reede gave a short verbal update..

### NEW BUSINESS

Max Riegel will make OMNI RAN presentation in TG1 meeting.

WG recessed at 11:28 AM.

# ****WG Closing, Thursday, January 23, AM2****

The meeting was called to order by the WG Chair at 10:32 AM on Thursday, January 23, 2014.

### Motions From TG1

**[Motion] To reaffirm the IEEE P802.19.1 5C in document 19-09-0081r1.**

Moved: S. Filin

Seconded: H. Kang

Discussion: None

Results: Yes 6, No 0, Abstain 0

Motion passed.

**[Motion] To approve Sponsor Ballot comment resolutions in document 19-14-0001r6.**

Moved: H. Kang

Seconded: W. Carney

Discussion: None

Results: Yes 9, No 0, Abstain 0

Motion passed.

**[Motion] kindly ask the 802.19 Chair to start the sponsor ballot recirculation based on the P802.19.1 D4.0 to be provided by the technical editor.**

Moved: W. Carney

Second: S. Filin

Discussion: none

Results: Yes 9, No 0, Abstain 0

Motion Passed.

### Formation of BRC

**[Motion] Approve the formation of a Ballot Resolution Committee (BRC) for the Sponsor Ballot comment resolution of the 802.19.1 draft standard, between the January 2014 Interim Session and the March 2014 Plenary session, with the following members:**

Jari Junell

Stanislav Filin

Sung Hyun Hwang

Hyunduk Kang

Gwangzeen Ko

Keiichi Mizutani

Ivan Reede

Naotaka Sato

Ryo Sawai

Tsuyoshi Shimomura

Chunyi Song

Chen Sun

The BRC is authorized to approve comment resolutions and a recommendation to the WG chair of initiation of Sponsor Ballot recirculations.

Comment resolution on Sponsor ballot recirculations between the January 2014 Interim session and the March 2014 Plenary session will be conducted during teleconferences, which will be announced to the IEEE 802.19 email reflector at least 7 days in advance.

Moved: I. Reede

Second: H. Kang

Discussion: None

Results: Yes 9, No 0, Abstain 0

Motion passed.

The WG chair appoints Stanislav Filin as the BRC chair.

### BRC teleconference schedule

* Wednesday, Feb. 12, 01:00 AM – 03:00 AM EST
* Wednesday, Feb. 19, 01:00 AM －03:00 AM EST
* Wednesday, Feb. 26, 01:00 － 03:00 AM EST
* Wednesday, Mar. 12, 01:00 － 03:00 AM EDT

### LIASON REPORT FROM 802.15

H. Kang gave a short verbal report.

### LIASON REPORT FROM 802.22

I. Reede gave a short verbal report.

### NEW BUSINESS

It was proposed that we meet all-day Wednesday and Thursday in the March 2014 Plenary session.

[Straw poll]

Do you support holding 802.19 meeting all day Wednesday and Thursday in March?

Yes: 8

No: 0

Chair will send an email to the reflector and notify face-to-face.

### Discussion on Future 802.19 Activities

* Ammendment to 802.19.1 to expand to other bands beyond TVWS. Still focused on coexistence between secondary users.
* Could consider coexistence between 802 devices in the ISM bands. Many 802 WGs focus on self-coexistence.
* Multi-band devices can provide some coexistence problem.
* Channel bonding can be coexistence problem.
* Methods for 802.11 to coexist better in an WISP deployment in the same area as a TDD wireless protocol
* There may be better ways to get 802.11 to coexist with itself
* It might make sense to talk to 802.11 and 802.15 and see if they have a specific need that we can address in 802.19 regarding coexistence in the ISM bands.
* Coexistence with LTE in ISM bands.
* Should we (can we) submit to ISO after publication?

### ADJOURN

The WG adjourned at 11:45 AM.

### ATTENDANCE

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| --- | --- |
| **Name** | **Affiliation** |
| Minho Cheong | Electronics and Telecommunications Research Instititute (ETRI) |
| Stanislav Filin | National Institute of Information and Communications Technology (NICT) |
| Sung Hyun Hwang | Electronics and Telecommunications Research Instititute (ETRI) |
| Hyunduk Kang | Electronics and Telecommunications Research Instititute (ETRI) |
| Jaehwan Kim | Electronics and Telecommunications Research Instititute (ETRI) |
| Gwangzeen Ko | Electronics and Telecommunications Research Instititute (ETRI) |
| Fumihide Kojima | National Institute of Information and Communications Technology (NICT) |
| Jae Seung Lee | Electronics and Telecommunications Research Instititute (ETRI) |
| James Lepp | BlackBerry |
| Chang-Woo Pyo | National Institute of Information and Communications Technology (NICT) |
| Verotiana Rabarijaona | National Institute of Information and Communications Technology (NICT) |
| Ivan Reede | AmeriSys Inc. |
| Naotaka Sato | Sony Corporation |
| Ryo Sawai | Sony Corporation |
| Stephen Shellhammer | Qualcomm Incorporated |
| Tsuyoshi Shimomura | FUJITSU |
| Chunyi Song | National Institute of Information and Communications Technology (NICT) |