IEEE P802.19  
Wireless Coexistence

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| May 2011 Minutes | | | | |
| Date: 9th to 13th May 2011 | | | | |
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The document records the IEEE 802.19 WG minutes of 802 Wireless Interim Session in Palm Springs May 9-13, 2011

IEEE 802.19 WG Chair: [Steve Shellhammer](mailto:shellhammer@ieee.org)   
IEEE 802.19 WG Vice Chair: [Ivan Reede](mailto:I_reede@amerisys.com)   
IEEE 802.19 WG Secretary: [Junyi Wang](mailto:junyi.wang@nict.go.jp)

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# MEETING MINUTES

First session of the meeting was called to order on Monday 9 May 2011 9:35 AM.

### APPROVE WG AGENDA

The Chair called the meeting to order and went though the agenda Doc 802.19-11/42r0

* Agenda in Doc 802.19-11/42r0 was approved by unanimous consensus. 9:37 AM

### APPROVE MINUTES FROM PREVIOUS SESSION

* The 802.19 WG minutes doc 801.19-11/41r0 was approved by unanimous consensus 9:40 AM.

### IEEE IPR STATEMENT

The Chair informed the TAG about the IEEE patent policy and showed the set of 5 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.

* 9:45 AM - The WG Chair made a call for essential patents: no one came forward with any essential patents.

### SELECT VOLUNTEERS TO WORK ON REVISION OF 802.19 WG POLICIES AND PROCEDURES (P&P)

The 802.19 P&P are old. We need to update it to cover the things that the new IEEE 802 WG P&P does not cover. The chair also suggested discussing the procedure to process the coexistence assurance documents.

* The chair called for volunteers to do this before the next upcoming meeting. M. Kasslin and S. Filin volunteered for it.

### CLOSE NOMITATIONS FOR TECHNICAL EDITOR

The chair made a call for any nomination for the technical editor from the group

* S. Filin, NICT nominated James P.K. Gilb, Tensorcom to be the technical editor; the confirmation from him shall be given by Thursday of this week.

The chair declared the nominations closed at 9:55 AM

### LIAISON REPORT FROM 802.11

P. Varshney, Nokia gave the liaison report on 802.11af.

The group will work on the comment resolution to the comments in the previous LB. They have divided the comments into 3 categories: general, MAC and PHY, the progress is quite slow. The group decides to use the 802.11ac PHY for 802.11af, which means the next LB will be delayed.

### LIAISON REPORT FROM 802.18

J. Wang, NICT gave the liaison report on 802.18

The happening in Singapore meeting and in teleconference was summarized. In this week, 802.18 will draft a material and send to ITU-R about what 802 is doing in TVWS in 802.22 and other group. They will start it from Monday PM2.

### LIAISON REPORT FROM 802.22

I. Reede, AmeriSys gave the liaison report on 802.22

802.22 succeeded in the last LB to the draft, they are going to finalize the standard.

### The meeting recessed 10:00AM

### Thursday PM2

The meeting called to order at 4:00PM

The chair made a call for any changes in the agenda 11/42r0. None made

### TASK GROUP 1 REPORT

The TG1 chair T. Baykas reported on TG1.

A merged proposal from NICT and Nokia was submitted and presented. The group had some discussions on Neighbour discovery algorithm and believed that we do need clear algorithms in the standard. There were also some discussions about channel labelling. A strawpoll was made to accept two operation modes. The group decided the deadline for down selection.

### PLAN FOR REVISION OF 802.19 WG POLICIES AND PROCEDURES (P&P)

The chair S. Shellhammer, M. Kasslin and S. Filin are response for developing the new P&P of 802.19. They are going to set up conference for it. There are going to be some discussions on whether we need to change our CA voting process. They may also send out the draft P&P document to the group for comments.

### TECHNICAL EDITOR ELECTION

The chair clarified the procedure for editor election: down selection by a run-off election until someone gets 50% of the vote.

Nominee James P.K. Gilb made a speech for editor election.

Motion to accept James P.K. Gilb as technical editor of the 802.19 WG

YES 11 / NO 0 / ABSTAIN 1

Motion passed. James P.K. Gilb becomes the technical editor of the 802.19 WG.

### LIAISON REPORT FROM 802.11

P. Varshney, Nokia presented the liaison report in document 802.19-11/52r0

* *Has agreed upon architecture and security modifications.*
* *Presentations related to comment resolution mainly dealing with following MAC issues:*
* *73 technical comments (out of 800) have TG approved resolution. All editorial (408) have TG approved resolution.*
* *A presentation was made on achieving compliance to TV WS spectrum emissions mask.*
* *Information about 802.11af project has been communicated to 802.18 for inclusion in the letter to be sent to ITU regarding TVWS work being done in IEEE 802.*
* *Next WG letter ballot is expected in Sept 2011 and publication sometime in late 2013.*
* *TG’s Principle modified to: In order to meet international requirements and facilitate the use of multiple contiguous or non-contiguous channels, use of TGac with changes for TGaf is our focus.*

### LIAISON REPORT FROM 802.18

IEEE 802.18 has 10 time slots in this f2f meeting. Although they have reviewed and approved some report and document, such as report on Power line communication activities, cover letter for ITU-R WP1A, and Draft National Frequency Allocation – India, the main job of 802.18 in this meeting is to complete, approve and submit the informational input to the ITU-R on 802 TVWS technologies. This document is created by several interested parties, 802.11af, 802.19, 802.22 and 802.15. These separated inputs are combined by the vice chair of 802.18 John Notor into one document called 802 TVWS standards development informational paper, the reversion 2 of this document was approved this morning AM1. This document will be submitted to EC for a vote on Friday May 13. After approval in EC, this document will be submitted to ITU-R, SG 1, SG 5, and SG 6 might be the target group for this informational document. The 802.18 f2f meeting adjourned this morning Thursday AM1, there is no teleconference scheduled.

### LIAISON REPORT FROM 802.22

Having completed the new standard, 802.22 is working for a new PAR and finishing the work of 802.22 TG2

### UPDATE ON 802 ARCHITECHTURE ACTIVITY

None update.

**TELECONFERENCE SCHEDULING**

Conference calls are scheduled on the following weeks

|  |  |  |  |
| --- | --- | --- | --- |
| **Day** | **Date** | **Start Time** | **End Time** |
| Wednesday | May 25 | 7:00 AM Eastern Time | 8:00 AM Eastern Time |
| Wednesday | June 1 | 7:00 AM Eastern Time | 8:00 AM Eastern Time |
| Wednesday | June 8 | 7:00 AM Eastern Time | 8:00 AM Eastern Time |
| Wednesday | June 15 | 7:00 AM Eastern Time | 8:00 AM Eastern Time |
| Wednesday | June 22 | 7:00 AM Eastern Time | 8:00 AM Eastern Time |
| Wednesday | June 29 | 7:00 AM Eastern Time | 8:00 AM Eastern Time |
| Wednesday | July 6 | 7:00 AM Eastern Time | 8:00 AM Eastern Time |
| Wednesday | July 13 | 7:00 AM Eastern Time | 8:00 AM Eastern Time |

Duration 1:00 hour

The Chair made a call for objection to schedule the teleconference above. No objections.

### NEW BUSINESS

The TG1 chair T. Baykas reminded that we need another liaison from 802.15.4 SGTV.

The chair made a call for volunteer for this liaison. None made.

**Motion**

S. Shellhammer moved to adjourn the WG meeting. No objections

Motion passed by unanimous consensus.

Meeting adjourned at 4:40 PM

# Annex 1: Attendance

|  |  |  |  |
| --- | --- | --- | --- |
| Last Name | First Name | Middle Name | Affiliation |
| Baykas | Tuncer |  | NICT |
| Carney | William |  | Sony Corporation |
| Cheong | Minho |  | ETRI |
| Choi | In-Kyeong |  | ETRI |
| Choi | Sangsung |  | ETRI |
| Demessie | Yohannes |  | NICT |
| Filin | Stanislav |  | NICT |
| Gloger | Reinhard |  | Nokia Siemens Networks |
| Harada | Hiroshi |  | NICT |
| HONG | HEON-JIN |  | ETRI |
| Hwang | Sung | Hyun | ETRI |
| Jeong | Byung | Jang | ETRI |
| JOO | SEONG-SOON |  | ETRI |
| Junell | Jari |  | Nokia |
| Kafle | Padam |  | Nokia Corporation |
| Kang | Hyunduk |  | ETRI |
| Kasslin | Mika |  | Nokia Corporation |
| Kato | Shuzo |  | Tohoku University |
| Kim | Eun | Sun | LG ELECTRONICS |
| Kim | Jaeyoung |  | ETRI |
| Kim | Suhwook |  | LG ELECTRONICS |
| kim | yunjoo |  | ETRI |
| Ko | Gwangzeen |  | ETRI |
| Kojima | Fumihide |  | NICT |
| Kwak | Joseph |  | InterDigital Communications, LLC |
| Lan | Zhou |  | NICT |
| Lee | Donghun |  | ETRI |
| Lee | Jae | Seung | ETRI |
| Lee | Yuro |  | ETRI |
| Oh | Jong-Ee |  | ETRI |
| Oh | Mi-Kyung |  | ETRI |
| Rahman | Mohammad |  | NICT |
| Reede | Ivan |  | AmeriSys Inc. |
| Seok | Yongho |  | LG ELECTRONICS |
| Shellhammer | Stephen |  | Qualcomm Incorporated |
| SHIN | CheolHo |  | ETRI |
| Song | Chunyi |  | NICT |
| Sum | Chin-Sean |  | NICT |
| Sun | Chen |  | NICT |
| Varshney | Prabodh |  | Nokia |
| Villardi | Gabriel |  | NICT |
| Wang | Junyi |  | NICT |
| Watanabe | Fujio |  | NTT DoCoMo, Inc. |
| Zhang | Xin |  | NICT |