IEEE P802.19  
Wireless Coexistence

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| Nov. 2010 WG Minutes | | | | |
| Date: 8th to 12th Nov. 2010 | | | | |
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The document records the IEEE 802.19 WG minutes of 802 Wireless Plenary Session in Dallas, Texas, USA during Nov 8 -12, 2010

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 8 Nov. 2010 11:08 AM.

### APPROVE AGENDA

The Chair presented the agenda Document 802.19-10-0140r2

The chair made a call in the group for any objection to have a joint meeting with 802.18 in Wednesday AM 1. No objection. 11: 12 AM

The agenda was approved with above changes (to be reflected in 802.19-10-0140r3) by unanimous consensus. 11:18 AM

### APPROVE MINUTES MEETING

* The September meeting minutes in doc 138r0 was approved by unanimous consensus 11:20 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.

* 11:22 AM - The WG Chair made a call for essential patents: none made.

### CA BALLOTS SUMMARY

The Chair reviewed the letter ballots: LB11, LB12 , LB13 , LB14 and comments on those coexistence assurance documents.

### REVIEW PARs AND SOLICIT VOLUNTEERS TO DEVELOP COMMENTS

IEEE 802.15.8 withdraws their CA letter ballots due to the fact that some parts of PAR has not been completed . However they still want comments.

The chair made a call for comments for CA documents

### PLAN TO PROVIDE COMMENTS ON TVWS REGULATIONS

The chair made a call to develop comments for TVWS regulations. None made

### UPDATES ON 802 ARCHITECHTURE ACTIVITIES

No updating.

**11:35 AM the WG session recessed and switched to TG1.**

# Main Body

### Tuesday PM1 WG/TG1 joint session

WG session called to order 2:40PM

PAR comments

**802.11 Fast Initial Link Set-Up (FIA)**

* Will not produce a CA document, and provided rational. Agree.
* No Comments

**802.15 MBAN**

* Comment
* The 5C does not specify if a coexistence assurance (CA) document will be provided as per Section 12.5.4.1 of the LMSC Operations Manual. Either state that a CA document will be produced or explain why a CA document is not needed.

**802.15 LECEM**

* Will produce a CA document.
* Comments and Questions
  + The scope states that it will operate in licensed, unlicensed and special purpose frequency bands. If operation in the TVWS is included in the standard, will the standard include the necessary hooks to support the mechanisms defined by the upcoming 802.19.1 draft?
  + The scope states “These applications have unique requirements that are not fully addressed with the current standard.” This sentence should not be in the Scope but should be in the Need section.
  + The Scope section is way too long and should be shortened.
  + In the Distinct Identity section of the 5C please elaborate on why this PAR could not be met by 802.11, 802.16 or 802.22.

**802.15 PSC**

* The 5C states that PSC can coexist with Bluetooth, Zigbee and Wi-Fi. It does not state whether it will produce a CA document
* Comment
  + The 5C states that PSC can coexist with Bluetooth, Zigbee and Wi-Fi; however, it does not state whether it will produce a CA document.
  + The 5C does not specify if a coexistence assurance (CA) document will be provided as per Section 12.5.4.1 of the LMSC Operations Manual. Either state that a CA document will be produced or explain why a CA document is not needed.
  + In the Distinct Identity of the 5C the section on Dynamic scalability of data rates within a frame is unclear. Please provide a clearer explanation.
  + In the Distinct Identify Section a), please explain if items i) – iv) are distinct from other 802 wireless standards or is it that the complete set of these features make PSC unique?
  + Please explain in more detail how PSC is distinct from 802.11 and 802.15, which both operate in the 2.4 GHz and 60 GHz bands.

**Motion**

To submit above PAR comments to IEEE 802.11 and IEEE 802.15 groups

Moved by A Reznik

Seconded by I. Reede

Motion approved by unanimous consensus

Session recessed 3:20 PM

### Thursdays PM2

Meeting called to order 5.20 PM

**TELECONFERENCE SCHEDULING**

The following teleconferences were scheduled

0:10 AM EST Wednesday, 24, Nov., 2010

7 AM EST Wednesday, 8, Dec., 2010

0:10 AM EST Wednesday, 22, Dec., 2010

7 AM EST Wednesday, 5, Jan., 2011

### NEW BUSINESS

The chair summarised the following business

PAR update will be done on Friday, 12, Nov., 2010

802 architecture documents will be voted among all 802 voters.

The WG chair called for any other new business. None made. 5.38 PM

* **Motion**

To adjourn the P802.19 WG meeting in 802 Wireless Plenary Session in Dallas, Nov 8 -12, 2010

Moved By I. Reede

Seconded by A. Reznik

Motion passed.

Meeting adjourned 5:40 PM

# Annex 1: Attendance

|  |  |  |  |
| --- | --- | --- | --- |
| Last Name | First Name | Middle Name | Affiliation |
| Arunachalam | Arun |  | Southern California Edison |
| Baykas | Tuncer |  | NICT |
| Cummings | Mark |  | enVia |
| Demessie | Yohannes |  | NICT |
| Filin | Stanislav |  | NICT |
| Gloger | Reinhard |  | Nokia Siemens Networks |
| Iso | Akio |  | NICT |
| Jeong | Byung | Jang | ETRI |
| jo | junho |  | LG ELECTRONICS |
| Kafle | Padam |  | Nokia Corporation |
| Kang | Byeongwoo |  | LG ELECTRONICS |
| Kang | Hyunduk |  | ETRI |
| Kasslin | Mika |  | Nokia Corporation |
| Kato | Shuzo |  | NICT |
| Kim | Bonghoe |  | LG ELECTRONICS |
| Kim | Byoung-Hoon |  | LG ELECTRONICS |
| Kim | Eun | Sun | LG ELECTRONICS |
| Kim | Suhwook |  | LG ELECTRONICS |
| Kwak | Joseph |  | InterDigital Communications, LLC |
| Lan | Zhou |  | NICT |
| Lee | Daewon |  | LG ELECTRONICS |
| Lee | Donghun |  | ETRI |
| Lee | Jihyun |  | LG ELECTRONICS |
| Liru | Lu |  | NICT |
| Pirhonen | Riku |  | Self |
| Rahman | Mohammad |  | NICT |
| Reede | Ivan |  | AmeriSys Inc. |
| Reznik | Alex |  | InterDigital, Inc. |
| Roh | Dongwook |  | LG ELECTRONICS |
| Ruuska | Paivi |  | Nokia |
| Sato | Naotaka |  | Sony Corporate of America |
| Sawai | Ryo |  | Sony Corporate of America |
| Seok | Yongho |  | LG ELECTRONICS |
| Shellhammer | Stephen |  | Qualcomm Incorporated |
| Song | Chunyi |  | NICT |
| Sum | Chin-Sean |  | NICT |
| Sun | Chen |  | NICT |
| Tran | Ha | Nguyen | NICT |
| Varshney | Prabodh |  | Nokia |
| Villardi | Gabriel |  | NICT |
| Wang | Junyi |  | NICT |
| Woo | Pyo | Chang | NICT |
| Yao | Richard |  | Microsoft |