　IEEE P802.19  
Wireless Coexistence

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| January 2011 TG1 Minutes | | | | |
| Date: 15th to 20th January 2011 | | | | |
| Author(s): | | | | |
| Name | Company | Address | Phone | email |
| Junyi Wang | NICT | 3-4 Hikarino-oka, Yokosuka, 239-0847, Japan | +81 46 847 5088 | junyi.wang@nict.go.jp |

The document records the IEEE 802.19 TG1 minutes of 802 Wireless Interim Session in Jacksonville, FL, USA, January 15-20, 2011.

IEEE 802.19 TG1 Chair: [Tuncer Baykas](mailto:tbaykas@ieee.org)   
IEEE 802.19 TG1 Vice Chair: [Mika Kasslin](mailto:mika.kasslin@nokia.com)   
IEEE 802.19 TG1 Secretary: [Junyi Wang](mailto:junyi.wang@nict.go.jp)

# Monday AM2

First session of the meeting was called to order by the TG1 chair Tuncer Baykas, Jan. 16, 2011 at 11:00 AM.

### APPROVAL OF AGENDA

The chair presented the agenda in 802.19-12/10r0.

The agenda was updated to 802.19-12/10r1 by scheduling the presentations.

Agenda 802.19-12/10r1 was approved with unanimous consensus.

### APPROVAL OF MINUTES FROM MAY MEETING

**Motion**

To approve the 802.19 TG1 November minutes in the document 802.19-11/151r0, and teleconference minutes in the documents 802.19-11/152r0, 153r0, 154r0, 155r0, 12/1r0, 12/3r0 and 5r1.

Motion passed with unanimous consensus.

### IEEE IPR STATEMENT

The TG 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.

* 11:15 PM – The Chair made a call for essential patents: No one came forwards with essential patent.

### 802.19 TG1 OPENING REPORT

The chair presented the opening report in the document 802.19-12/6r0.

The meeting recessed at 11:30AM

# Monday PM1

The chair called the meeting to order at 1:35PM

**Comment resolutions**

The chair called for contributions or discussions, and scheduled time slots for the discussions of the main topics, as indicated in the 12/6r1 slide 6.

* Measurement (Tuesday PM1)
* Coexistence of CMs with different decision making algorithms (Monday Pm1)
* Security (none made, M. Kasslin and I. Reede are volunteered for this topic)
* Explanation of how system performs under different system scenarios
* Demonstration of technical feasibility 802.19with simulation results (Wednesday AM1)
* Use cases in Annex A (Wednesday PM1 H. Kang)
* Explanation of Master CM selection (open)
* Consistency within the draft (Tuesday AM1)
* PICS Protocol implementation conformance statement (Wednesday AM2)
* MIB management information base (Wednesday AM2)

The chair scheduled the comment resolutions for the remaining time slots.

CID 40 – 44 will be withdrawn if the author sends mail to the chair.

CID 45 – 58, 60 - 63 from H. Kang were withdrawn

CID 72 was withdrawn

**System overview proposal in the document 802.19-144r3, presented by M. Kasslin**

There were some discussions why we need to have different types of WSO.

It was questioned on what is the monitor WSO. Monitor WSO has ability to inquire information.

Is the proposal to add the text or substitute? “Add”, answered M. Kasslin

The meeting recessed at 3:30PM

# Monday PM2

The chair called the meeting to order at 4:00PM

**Motivation for Monitor WSO, document 802.19-12/13r0, M. Kasslin, Nokia**

H. Kang indicated that monitor task can be done by the information service. M. Kasslin: No. the monitor does not need to be discovered.

There were some discussions on whether we need this monitor. An example was given for network planning to explain why we need it.

**Discussions went back to the document 802.19-11/144r3**

There were some discussions on the definition of autonomous networks.

There were also some discussions on whether we need negotiation.

The meeting recessed at 6PM

# Tuesday AM1

The TG chair called the meeting to order at 8:05AM

The agenda was updated to 802.19-12/10r 2 and was approved by unanimous consensus.

**Discussion on technical editor**

It was indicted that the WG editor is too busy to focus fully on the editing job of the draft.

M. Kasslin believes that we need a good quality draft.

J. Wang: The rewriting is quite important.

S. Shellhammer: we need to identify the main issue to revise the draft.

The TG chair suggested having the TG editor

The chair asked the group whether there is any objection to have a TG editor for this group. There were some discussions on why we need these TG editors

The TG chair indicated to the group that the task of the TG editor is to review the necessary parts without any technical changes and run and apply the comment resolutions in the future.

The chair asked the group again whether there are any objections to have the TG editor. No objections.

The chair called the volunteer for the TG editor.

M. Kasslin volunteered for the TG editor with the help of others to finalize the draft.

The chair confirmed the official procedure with the WG chair.

The chair asked for the sub-editors. S. Filin and H. Kang volunteered.

The chair pointed M. Kasslin as the TG editor and S. Filin and H. Kang as sub-editors. The chair made a call for any objections for these appointments.

N. Sato suggested delaying the appointment to PM1. The chair agreed.

**Network Technology data type of MEDIA\_SAP, 802.19-12/8r0, S. Filin, NICT**

It was indicated that current channelization in 11af is not decided. It would possibly be 6, 7 and 8 MHz in the future.

It was indicated that the bandwidth which could be specified in the field of “capability” would be much more flexible.

Text proposal for Network Technology data type of MEDIA\_SAP, 802.19-12/9r0, is the editor instruction of 8r0.

**Discovery Information data type of MEDIA\_SAP, 802.19-12/11r0, S. Filin, NICT**

**Overview of WG letter ballot process, 802.19-12/14r0, S. Shellhammer, the WG chair.**

The meeting recessed at 9:45AM

# Tuesday AM2

The TG chair called the meeting to order at 10:35AM

The agenda was updated into 802.19-12/10r 3 and approved.

**Bandwidth Management and Spectrum Allocation Solutions, 802.19-12/17r0, Peter Stanforth, Spectrum Bridge,**

The meeting recessed at 11:40AM

# Tuesday PM1

The chair called the meeting to order at 1:35PM

The agenda was updated into 802.19-12/10r 4 due to the delay for the TG editor. The agenda was approved.

**Continue discussions about the TG editor**

The chair made a call for any comments and questions on the procedure.

N. Sato suggested adding one procedure to approve the output document from technical editor.

S.Filin: This may delay the procedure. N. Sato disagreed and claimed that if the draft from technical editor is not satisfied, this will delay more.

H. Kang: Editorial changes can be done by editor. TG members shall review the output document before next meeting. N. Sato: we need reviewing process.

I.Reede called the ruling of the chair.

The chair proposed to approve output document from editor as the candidate draft on the first day of the next f2f meeting.

N. Sato: some comment resolutions are not completely applied. The chair: we can check those motions and instruct ion to the editor and push the editor to apply those changes.

I.Reede: The editor shall have the freedom to have editorial changes.

The group agreed that we will make a motion in March meeting to approve the DF0.

The chair called the objections for M. Kasslin to be the TG editor. No objections.

The chair called the objections for S. Filin and H. Kang to be the TG sub-editor. No objections.

M. Kasslin was pointed as the TG editor. S. Filin and H. Kang were pointed as the TG sub-editors.

**Measurement and measurement reporting 802.19-12/16r0, M. Kasslin, Nokia**

# Tuesday PM2

The chair called the meeting to order at 4:05PM

**ASN1 Discovery Information, 802.19-12/11r1, S. Filin, NICT**

**ASN1 Discovery Information Word, 802.19-12/12r1, S. Filin, NICT**

The two contributions were the updated version due to comments from the group.

**Motion**

To update current draft document as proposed 802.19-12/12r1

Moved by S. Filin

Seconded by J. Junell

YES 12 NO 0 Abstain 1.

**Comment resolutions for CIDs 90,96,97,98, 802.19-12/18r0, J. Wang, NICT**

The meeting recessed at 4:15PM

# Wednesday AM1

The chair called the meeting to order at 8:05PM

**PICS for 802.19.1, 802.19-12/19r0, M. Kasslin, Nokia**

The chair made a call for any objection to have PICS in the draft. No objections.

The chair appointed M. Kasslin to prepare PICS.

**MIB for 802.19.1, 802.19-12/20r0, M. Kasslin, Nokia**

We need to think over what we would have in it.

**Updates to the Draft, 802.19-12/22r0, Junyi Wang, NICT**

**Neighbor Reconfiguration Procedure, 21r0, Junyi Wang, NICT**

The meeting recessed at 9:30AM

# Wednesday AM2

The chair called the meeting to order at 10:35PM

**Comment Resolutions regarding to CM\_Registration\_Request message payload, 802.19-12/15r0, Donghun Lee**

**Usage case for information service, 802.19-12/25r0, H. Kang, ETRI**

The meeting recessed at 11:45AM

# Wednesday PM1

The chair called the meeting at 1:35PM

**Coexistence decision approach proposal, 802.19-12/24r0, Jari Junell, Nokia**

It was indicated that the resource is the spectrum and time.

It was claimed that CV may not be a good value for decision making in CM.

It was indicated that the time switch may not be very frequent

# Wednesday PM2

The meeting was called to order 4:05PM

**Motion**

To update current draft document as proposed in 12/15r0

Moved by: D. Lee

Seconded by: J. Wang

Yes: 8　No: 0　Abstain: 1

**Motion**

To update current draft document as proposed in 12/18r5 and resolve CIDs 90,96,97,98 of Task Group Review 2 as indicated

Moved by: J. Wang

Seconded by: J. Junell

Yes: 8　No:0　Abstain:1

**Motion**

To update current draft document as proposed in 12/22r2

Moved by: J. Wang

Seconded by: M. Kasslin

Yes:9 No:0 Abstain: 1

**Motion**

Replace the term TVBD Network or Device in current draft document with the term WSO (White Space Object). Define WSO as follows: WSO is either a TV Band Device or Network of TV Band Devices.

Moved by M. Kasslin

Seconded by J. Junell

Yes 9 No: 0 Abstain: 1

Suggest changing white space device or network of white space devices into TV band device or network TV band devices

The meeting recessed at 5:30PM

# Thursday AM1

The Chair called the meeting to order at 8:00AM

**System overview, 802.19-11/144r4, M. Kasslin, Nokia**

**Measurement and measurement report, 802.19-12/10r2, M. Kasslin, Nokia**

**Neighbor Reconfiguration Procedure, 802.19-12/23r0, J. Wang, NICT**

The chair checked editorial comments with the group.

There were some discussions on how the editors shall do the jobs.

It was decided to finish the draft update 4 weeks before the next meeting.

The meeting recessed at 9:15PM

# Thursday AM2

The chair called the meeting to order 10:35AM

**Neighbour Reconfiguration Procedure, 12/23r1, J. Wang (NICT)**

N. Sato asked to have more time to digest the documents.

**Motion**

To approve the agenda 802.19-12/10r5.

Moved by M. Kasslin

Seconded by I. Reede

Motion approved with unanimous consensus.

**Coexistence decision approach proposal, 802.19-12/24r1, J. Junell, Nokia**

**Use case for information service, 802.19-12/25r1, H. Kang, ETRI**

The chair called any other contributions for this time slot. No one came forwards.

The chair scheduled 30 minutes break.

The meeting restart at 11:40AM

**Comment resolution proposal, 12/27r0, M. Kasslin**

The session recessed at 11:20AM

# Thursday PM1

The chair called the meeting to order at 1:35PM

Agenda was updated into 802.19-12/10r6 and approved by the group.

Gabor Bajko gave a general introduction on PAWS in IETF

Coexistence problem shall not consider in this time. They will consider this in July meeting. Instead we may pay more attention to machine to database connection.

The protocol will be finalized in this year.

It is better to send liaison mail between April and June.

The WG chair suggested the group to consider what relationship we want between 802.19 and IETF. We need consider what IETF would like 802.19 to support and vice visa.

The document of 802.19 can be submitted during June and October time frame.

The WG chair initial the discussions on how to have relationship with ITEF

It was suggested that 19 group define the data structure for database protocol. Not higher layer.

It was questioned that whether we can share a document with other organization outside IEEE 802. The chair can decide whether a document can be shared with other organization.

**Motion**

To update adopt 802.19.1 candidate draft as proposed 12/24r1 to 802.19..

Moved by M. Kasslin

Seconded by I. Reede

YES 6 NO 0 Abstain 6

**Motion**

To update 802.19.1 candidate draft as proposed 12/27r1.

Moved by M. Kasslin

Seconded by I. Reede

YES 7 NO 0 Abstain 6

**Motion**

To update 802.19.1 candidate draft as proposed 12/25r1.

Moved by H. Kang

Seconded by M. Kasslin

YES 12 NO 0 Abstain 0

**Motion**

To update 802.19.1 candidate draft as proposed 12/23r2.

Moved by J. Wang

Seconded by I .Reede

YES 13 NO 0 Abstain 0

**Motion**

To approve comment resolutions for CIDs 36, 45, 64, 65, 66, 67, 69, 70, 71, 76, 77, 78, 93, 105, 106, 107, 108, 109, 110, 111 as stated in 11/125r6 and to update current draft document accordingly.

Moved by : I. Reede

Seconded by S. Filin

YES 13 NO 0 Abstain 0

**Motion**

To adjourned TG sessions

Moved by I. Reede

Seconded by M. Kasslin

Motion passed with unanimous consensus.

The TG Jacksonville interim sessions adjourned at 1:50PM