　IEEE P802.19  
Wireless Coexistence

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| March 2012 TG1 Minutes | | | | |
| Date: 11th to 16th March 2012 | | | | |
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The document records the IEEE 802.19 TG1 minutes of 802 Wireless Interim Session in Waikoloa, Hi, USA, March 11-16, 2012.

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 PM2

First session of the meeting was called to order by the TG1 chair Tuncer Baykas, March. 12, 2012 at 1:00 PM.

### APPROVAL OF AGENDA

The chair presented the agenda in 802.19-12/37r1.

Agenda 802.19-12/37r1 was approved with unanimous consensus.

### APPROVAL OF MINUTES FROM MAY MEETING

The 802.19 TG1 November minutes in the document 802.19-12/30r0, and teleconference minutes in the documents 802.19-12/32r0, 33r0 and 36r0 were approved 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.

* 1:10 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 802.19-12/38r0.

**Identify the missing parts of the document**

The chair presented the updated action items in the document 802.19-12/4r2

The chair asked for any other action items. No one came forward with new action items.

The chair called volunteers for the action items

M. Kasslin volunteered for the coexistence of CMs with different decision making algorithms. He will present it on Tuesday morning.

M. Kasslin volunteered for the measurement and will present it on Tuesday morning

M. Kasslin volunteered for CDIS synchronization and will present it on Wednesday morning

Jinyoung Chun volunteered for explanation of master CM selection, and will present it on Wednesday AM2

M. Kasslin indicated that we will have “PICS protocol implementation conformance statement” ready when we have the arbitrate set ready.

**Introduction for the draft DF2.00, M. Kasslin, Nokia**

The TG technical editor M. Kasslin showed DF2.00 to the group and explained the main changes comparing to previous version.

Agenda was updated to 802.19-12/37r2 and was approved with unanimous consensus.

The meeting recessed at 16:50AM

# Tuesday AM1

The TG chair called the meeting to order at 8:10AM

**Measurements and measurement reporting, 802.19-12/16r2, M. Kasslin, Nokia**

I. Reede: The total channel load is not cleared, the threshold is not defined. M. Kasslin: YES, we need to have this information.

N. Sato: Is the measurement mandatory or optional. If the device is not able to do it, the device does not have to do it. M. Kasslin: YES.

N. Sato: it is not clear what is poor, fair, or good. M. Kasslin: YES, we need to have more specification. N. Sato: we may not need to define the threshold, but we need to define who makes this decision.

I.Reede: you may not detect whether a signal is a primary or not.

There were some discussions on how the 802.19 system shall support parameters for different algorithms: (1) CM shall support all optional parameters ; (2) CM supports part of them, and forward CE to other CM if it does not support.

The meeting recessed at 9:20AM

# **Tuesday PM1**

The chair called to order at 1:35PM

**Coexistence of CMs with different decision making algorithms, 802.19-12/39r0, M. Kasslin, Nokia**

There were some discussions on the difference between autonomous, distributed and centralized topology.

Recessed at 3:15PM

# Tuesday PM2

The TG chair called the meeting to order at 4:05AM

M. Kasslin continued his presentation.

**Coexistence of CMs with different decision making algorithms, 802.19-12/39r1, M. Kasslin**

The meeting recessed at 5:20AM

# Wednesday AM1

The chair called the meeting to order at 8:10PM

Since the TG editor needs more time to prepare the draft, and there is no other contributions, the meeting recessed until 10:30.

# Wednesday AM2

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

Agenda was updated to 802.19-12/37r3 and approved by the unanimous consensus.

**Comment Resolution on Master CM Selection, Jinyoung Chun, LG Electronics.**

**Review of Draft D2.02, M. Kasslin, Nokia**

The TG technical editor M. Kasslin showed the updated draft D2.02.

The meeting accessed at11:30 AM for the group the review the new document.

# Wednesday PM1

The chair called the meeting at 1:35PM

**Review of Draft D2.02, M. Kasslin, Nokia**

The chair asked for any comments for the new draft. No one came forward.

The chair asked whether there is any further update for the draft. YES, M. Kasslin answered, and indicated that there are some motions which were not reflected in the draft.

**H. Kang initialled the discussion on Topology classification**

The group discussed the terminology of the topology definitions.

The meeting recessed at 3:10PM

# Wednesday PM2

The meeting was called to order 4:05PM

H. Kang updated the document for topology definitions and showed to the group

**Topology definition, 802.19-12/41r0, H. Kang, ETRI**

The group decided to give the definition for pair of CMs.

The following Decision Making Definitions were agreed by the group

* Centralized decision making between two CMs is performed when one CM relegates its decision to another CM.
* Distributed decision making between two CMs is performed when one CM makes its decisions in coordination with another CM
* Autonomous decision making between two CMs is performed when one CM makes its decisions independently from another CM.

The above agreed definition was recorded also in 802.19-12/41r1

**Comment Resolutions regarding to Messages and Data types, 802.19-12/40r0, Donghun Lee, ETRI**

The meeting recessed at 5:45PM

# Thursday AM1

The Chair called the meeting to order at 8:15AM

**Review of Draft D2.03, M. Kasslin, Nokia**

The chair gave time to the group to review the new draft D2.03.

The meeting recessed at 8:50PM

# Thursday AM2

The chair called the meeting to order 10:50AM

The chair initialled the discussion on whether we would like to approve the D2.03 as the WG draft.

N. Sato from Sony claimed that the data type “networkgeometryClass” shall be mandated not optional. It is finally shown that in D1.0 it was not optional, however in Atlanta meeting, there was a motion to make it optional, and the motion passed in the group. It was indicated that if this is a mistake, procedurally another motion is required.

The meeting recessed at 11:20 for the TG technical editor to update the draft, and will start in 15 minutes.

The meeting starts again at 11:35

**Review of draft D2.04, M. Kasslin, Nokia**

The TG technical editor showed the new draft D2.04 to the group.

**Jinyoung Chun from LG provide some comments on D2.04**

She claimed there was a new technical change about “Cxstatus” without group agreement.

**The draft was updated to D2.05 due to this point.**

**The editor showed the new version of D2.05**

There were some objections to the new changes of removing “MessageIdentity”.

The session recessed at 12:15AM

# Thursday PM1

The chair called the meeting to order at 1:55PM

Agenda was updated into 802.19-12/37 r4 and approved by the group

**Temporary resource release mechanism proposal, 802.19-12/43r0, J. Junell, Nokia.**

The editor brought a new version of the draft D2.06 and reviewed it in front of the group.

**A conflict handing proposal for distributed decision making, 802.19-12/42r0, J. Junell, Nokia**

**The editor reviewed the draft 2.07 by removing the “cxstatus” related changes.**

**Motion**

To adopt document 2.07 as an official TG draft

Moved by I. Reede

Seconded by S. Filin

YES 13, NO 0, Abstain 0

The meeting recessed at 3:10PM.

# Thursday PM2

The chair called the meeting to order at 16:00PM

The chair made a call for anyone who would like to make a motion in this session.

**Motion**:

To update the draft D2.07 with the text provided in 802.19-12/135r2.doc

Moved by Suhwook kim

Seconded Donghun Lee

YES 6 No 2 Abstain 3

**Motion**

To update draft 2.07 by adding definition on decision making described in slide 4 of doc 802.19-12/41r1 to section 2.1 of the draft

Moved by H. Kang

Seconded by S. Filin

YES: 12, NO, 0, NO 0

**D. Lee showed the contribution 802.19-12/40r0**

There were some discussions on whether “requiredSlotTime” and “requiredWindowTime” should be optional.

The authors of this presentation finally decided not to make any motion on it.

**The WG chair shows the IEEE 802 MAN/LAN Committee webpage, and explained again to the TG the IEEE 802 policies and procedures and operation manual, emphasized the procedure for letter ballot.**

**Motion**

To adopt document 2.08 as an official TG draft

Moved by I. Reede

Seconded by J. Wang

YES 12, NO 0, Abstain 1

**Motion**

To forward the draft 2.08 to WG with a recommendation to proceed to a WG letter ballot

Moved by I. Reede

Seconded by J. Wang

YES 12, NO, 0, Abstain 1

The TG session adjourned at 5:30PM