**IEEE P802.19**

**Wireless Coexistence**

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| Project | IEEE P802.19 Wireless Coexistence WG | |
| Title | **January 2016 TG1a Minutes** | |
| Date Submitted | January 21, 2016 | |
| Source | Chen Sun (SONY)  Naotaka Sato (Sony) | E-mail: [chen.sun@sony.com.cn](mailto:chen.sun@sony.com.cn)  E-mail: naotaka.sato@ieee.org |
| Re: | [] | |
| Abstract | [January 2016 TG1a Minutes] | |
| Purpose | [] | |
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**Tuesday Jan 19, 2016 AM1**

Chair (Naotaka Sato) called the meeting to order at 8:05 AM

Chair called for secretary: Chen Sun (technical editor) took over as acting secretary.

Reviewed the agenda (document 802.19-16/0006r0). Document numbers of technical presented are updated. The agenda16/0006r2 was approved by anonymous consensus.

Chair reviewed the IPR policy, and no one came forward with a potentially essential patent claim.

Chair asked the approval of November meeting minutes 19-15/0103r0 and telephone conferences minutes 19-15/109r0 and 19-16/0005r1.

Move: Chen Sun

Second: Sho Furuichi

Motion passed by anonymous consensus

Chair presented January 2016 TG1a Opening Report (document 802.19-16/0007r1).

Sho presented technical presentation doc19-16/0011r1 on system architecture

Sho presented technical presentation Doc 19-16/0012r0 on interface C and text proposal Doc 19-16/0013r0 on system architecture.

Hakar commented on the geolocation capability devices. The definition is general not limited to unlicensed band but the PAR indicates the unlicensed devices.

Sho presented technical presentation doc 19-16/0014r0 on terminologies.

Hakar suggested to remove priority access as it is not considered in the document.

Naotaka suggested removing subpart number of part 96 for definition of SAS.

Revisions of Doc 19-16/0012, 19-16/0013 and 19-16/0014 will be uploaded and represented in PM1 Wednesday.

The meeting was recessed at 9:17

**Tuesday Jan29, 2016 PM1**

Chair called the meeting to order at 13:35 PM

Sho presented technical contribution 19-16/0015r0 and text proposal 19-16/0016r0 on CM discovery/selection/association

Editorial changes on the section numbers in the proposed text were made.

Fulei commented if the CE sends two messages to two CMs or just one message. Sho replied that a variety of solutions are there. CE can connect with one CM. There could be many CMs but CE connects to only one CM.

Chen presented Doc 19-16/0019r0 and 19-16/0020r0 on the energy detection threshold adjustment.

Hakar commented that TD-LTE does not use energy detection. It should be LAA in downlink currently to be specific.

Siuart commented if the criteria are considered. Chen replied that it is implemented by the algorithms in the CM. In the simulation interference among different systems is considered.

Siuart commented how different system find each other and communicate. Chen replied that currently procedure in the standard has discovery and different systems will subscribe to a common CM.

Naotaka presented Liaison to WINNF Doc 19-16/0018r0.

Steve ask who will the SAS operators, commercial companies or government agency

Naotaka said FCC documents for SAS operators to apply. Maybe some TVWS database operator. April 15 is the deadline is the SAS operator submission to FCC date.

Steve asked in WINNF is SDO?

Hakar said it is not a real SDO.

Steve said that WFA participants are also In IEEE. But companies here are not mostly in WINNF. A good channel is needed. Participants here that are in WINNF can contact the companies in WINNF. Then, we can send updated liaison statement.

The meeting was recessed at 14:50

**Wednesday Jan 20, 2016 AM1**

Chair called the meeting to order at 09:10

Chen presented doc 19-16/0021r0 and 19-16/0022r0 on interference alignment, editorial changes were made during the meeting.

Sho presented Doc 17r0 on proxy service

Recess at 9:41

**Wednesday Jan 20, 2016 PM1**

Chair called the meeting to order at 13:40

Doc06r3 agenda is approved.

Chen presented 19-16/0023r0

Alireza: Will all the receiver information be sent to neighboring devices

Chen: Information will be sent to the coexistence manager so that the better spectrum allocation can be made.

Alireza: To study the effect of real value of ACS and standard ACS value on the performance of the coexistence management.

Naotaka: Here we propose to add receiver information to be included in the standard but not given the value.

Sho presented doc 19-16/0013r2, 19-16/0014r2 and 19-16/0016r1

Editorial change was made. Revision will be uploaded.

Chen presented 19-16/0021r1 and 19-16/0022r1

Recessed at 15:29

**Thursday Jan 21, 2016 AM1**

Chair called meeting to order at 10:40

Agenda doc19-16/0006r4 is approved.

Motion to approve text proposals in doc 19-16/0013r3, 19-16/0014r2, 19-16/0016r1, 19-16/0020r1 and 19-16/0022r1 and instruct the TG editor to prepare a new IEEE p802.19.1a draft by March 4th, 2016

Move: Sho Furuichi

Second: Steve Shellhammer

Motion passed with unanimous consent.

The group reviewed the project timeline review doc 19-16/0006r4

The group reviewed objectives for next F2F meeting in Macao as followings;

* Review the new draft and technical contributions

The group decided teleconference call schedule as followings;

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| --- | --- | --- | --- | --- |
| **Day** | **Date** | **Start Time** | **Duration** | **Call Host** |
| Wednesday | Feb. 3, 2016 | 1:00 AM EST (6:00 AM GMT, 3:00 PM JST/KST) | 1 hour | Naotaka Sato |
| Wednesday | Feb. 24, 2016 | 1:00 AM EST (6:00 AM GMT, 3:00 PM JST/KST) | 1 hour | Naotaka Sato |

The TG1a adjourned at 10:52 AM

**Attendance**

|  |  |
| --- | --- |
| **Name** | **Affiliation** |
| Sho Furuichi | Sony |
| Naotaka Sato | Sony |
| Chen Sun | Sony |
| Alireza Nejatian | ERICSSON |
| Cong Shen | USTC |
| Fulei Liu | ZTE |
| Hakar Persson | Ericsson |
| Katsuo Yunoki | KDDI R&D Labs |
| Siuart Strickland | Hewlett Packard Enterprise |
| Alaa Mourad | BMW |
| Steve Shellhammer | Qualcomm |
| Kenichi Mori | Space-Time Engineering |
| Mineo Takai | Space-Time Engineering |