**IEEE P802.19**

**Wireless Coexistence**

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| Project | IEEE P802.19 Wireless Coexistence WG | |
| Title | **January 2015 Fair Spectrum Sharing IG Minutes** | |
| Date Submitted | [January 18, 2015] | |
| Source | [Alireza Babaei] [CableLabs] [858 Coal Creek Circle]  [Louisville, CO 80027] | Voice: [(303) 661-3405]  E-mail: [a.babaei@cablelabs.com] |
| Re: | [] | |
| Abstract | [Conference Call Minutes] | |
| Purpose | [] | |
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**Monday January 12**

FSS IG co-chair called meeting to order.

Everyone was familiar with IEEE patent policy.

Alireza Babaei presented document 91r1 titled “Fair Spectrum Sharing”.

Andrew Myles suggested defining unfairness instead of fairness due to many variables involved.

Carolyn Heide suggested that fairness should be defined across a given channel that systems or users are sharing.

Andrew Myles suggested that instead of looking at the outcome of spectrum sharing between systems or users and then defining fairness based on the resource usage of systems and users, we can define high-level principle (e.g., truncated exponential backoff) that all users must follow.

Naotaka Sato suggested that defining interference range is not practically possible because of the differences between sensitivity of devices in a system or across systems.

**Wednesday January 14**

FSS IG co-chair called meeting to order.

Everyone was familiar with IEEE patent policy.

Alireza Babaei presented document 2r0 titled “Comments on LAA EVM”.

Question was asked about the simulation assumption that each node is in CCA range of each other and if it means that each that signals are received above the -62 dBm CCA threshold. Aireza Babaei responded yes.

Alireza Babaei asked 802.19 chair to consider this contribution as a basis for a liaison to 3GPP.

Paul Nikolich mentioned that IEEE can have multiple communications with 3GPP.

Alireza Babaei mentioned that he can write a draft liaison statement and present during the WG meeting on Thursday.

**Attendance**

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| **Name** | **Affiliation** |
| Carolyn Heide | Ruckus |
| Steve Shellhammer | Qualcomm |
| James Miller | InterDigital |
| Alireza Nejatian | Ericsson |
| Rich Kennedy | MediaTek |
| Robert Olsen | InterDigital |
| Sho Fruichi | Sony |
| Paul Nikolich | Self |
| Naotako Sato | Sony |
| Jay Holcomb | Itron |
| James Lepp | Blackberry |
| Andre Myles | Cisco |
| Bo Sun | ZTE |
| John Kennedy | Toyota ITC |