**IEEE P802.19**

**Wireless Coexistence**

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| Project | IEEE P802.19 Wireless Coexistence WG | |
| Title | **Fair Spectrum Sharing IG Conference Call Minutes** | |
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| Re: | [] | |
| Abstract | [Conference Call Minutes] | |
| Purpose | [] | |
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**Agenda**

* Agenda review and approval
* Attendance
* The IEEE patent policy
* Presentation of “Fair Spectrum Sharing” contribution
* Discussions

**Notes**

* Everyone on the call was familiar with the IEEE Patent Policy
* Document 91r0 was presented.
* Steve Shelllammer: A description of horizontal vs. vertical spectrum access is good to be added.
* Steve Shellhammer: What if one system has low bandwidth users and another system has high bandwidth users. [AB] The system whose demand is less than an equal share of resources should receive as much resources as it demands. Balance of resources must be equally shared among the systems requesting demand higher than an equal share.
* Carol Ansley: Should there be different amount of resources allowed for broadcast, unicast and multicast transmitters? [AB]: the time-bandwidth product is a good metric as a general rule but potentially different amount of resources can be allowed to different types of users.
* Chen Sun: Power (eg., EIRP) of secondary systems should be also considered in addition to time and bandwidth as they produce aggregate interference to incumbents. A high power secondary user system will lead to low maximum allowable transmit power for the other secondary systems. Considering this factor is not for the incumbent protection but fair use of spectrum.

**Attendance**

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| **Name** | **Affiliation** |
| Carol Ansley | Arris |
| Steve Shellhammer | Qualcomm |
| Chen Sun | Sony |
| Alireza Nejatian | Ericsson |
| Carolyn Heide | Ruckus |
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