IEEE P802.19
Wireless Coexistence

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| IG CUB April 23, 2014 Teleconference Minutes |
| Date: 2014-04-23 |
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Abstract

This document contains minutes from IG CUB teleconference on April 23, 2014.

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# Agenda review and approval

The following agenda was approved for the meeting:

1. Attendance
2. IEEE patent policy
3. Discussion on Coexistence Issues in Unlicensed Frequency Bands
4. AOB

# Attendance

Junell Jari (Nokia)

Stanislav Filin (NICT)

Ron Murias (InterDigital)

Naotaka Sato (Sony)

Hyunduk Kang (ETRI)

# IEEE patent policy

The call host, Hyunduk Kang, reminded the participants on the IEEE-SA Patent Policy and shared the related material in the online meeting. He issued call for potentially essential patents. Nobody in the teleconference responded to the call.

# Discussion on Coexistence Issues in Unlicensed Frequency Bands

The call host briefly explained background on IG CUB (Interest Group on Coexistence in Unlicensed Frequency Bands), regarding an example of coexistence problems among 802.11 and LTE-U over ISM bands.

The group continued to discuss on possible issues such as interference discovery (a.k.a., neighbor discovery), connection establishment among neighbors, what information is needed to be exchanged among neighbors based on the previous talk.

Hyunduk Kang mentioned about LTE-U activities on ISM bands and potential coexistence problems with 802 systems. Dr. Filin showed the material on Qualcomm’s vision on LTE-U technology (<http://www.qualcomm.com/media/documents/files/extending-the-benefits-of-lte-advanced-to-unlicensed-spectrum.pdf>). Based on the material, the group discussed LTE-U features to protect Wi-Fi neighbors.

The group agreed to continue discussion on LTE-U related issues on the next teleconference.

# AOB

There was no AOB.