IEEE P802.22  
Wireless RANs

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| Meeting Minutes of the Spectrum Characterization and Occupancy Sensing | | | | |
| Date: 2017-04-13 | | | | |
| Author(s): | | | | |
| Name | Company | Address | Phone | email |
| Roger Hislop | Internet Solution |  |  | [roger.hislop@is.co.za](mailto:roger.hislop@is.co.za) |
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Abstract

This document provides the minutes of the Spectrum Characterization and Occupancy Sensing Ad-hoc held on

**Year 2017** – April 13

**1. April 13th 2017–Spectrum Characterization and Occupancy Sensing Ad-Hoc Conference Call Meeting Minutes**

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1. Attendance

Roger Hislop (RH), TG chair, Internet Solutions

Nilesh Khambekar (NK), SpectrumFi

Ken Baker (KB), NTIA

Mike Cotton (MC), NTIA

Oliver Holland (OH), KCL

Apurva Mody (AM), BAE Systems

2.1 Agenda

* Attendance
* IEEE norms and processes
* Discussion
* New business

Minutes and Discussions

* Meeting started at 14h00 UTC
* The IEEE 802.22.3 Task Group Chair took the attendance
* Chair asked if everyone attending was familiar with the IEEE patent policy – No one seemed to be unfamiliar with the IEEE Patent Policy
  + <http://standards.ieee.org/board/pat/pat-slideset.pdf>
* Chair reiterated the IEEE prohibition of commercial discussion and early disclosure of Intellectual Property, and meeting commenced.
* Task Group process
  + Meeting minutes from meeting of February 16th reviewed and call for approval.
  + Moved by MC, seconded by GM, no objections, so approved.
* Task Group planning:
  + Item by item through comments, returning to comments submitted by AM, who indicated that simplifying the protocol was a critical requirement for support
  + Key discussion area around the tech that BAE developed for adding CR-like functionality to existing radio systems, which has a very lightweight protocol where most state functions are embedded in heartbeat messages
  + Various concerns were raised with having too simple/lightweight a protocol as it would perhaps meet needs of CR applications with single users in set environment, but not research or spectrum forensics where there may be multiple users and multiple operators of components
  + Area of investigation raised into “best of both worlds”, where protocol is extensible from very lightweight for simple functionality, with additional functionality added in full scope version.
  + To resolve the comment in the letter ballot, the commentator would need to submit a proposed remedy. Topic to be revisited in subsequent calls once current set of comments are dealt with.
* Meeting was adjourned at 16h00 UTC, next meeting to be held 20th April 2017.