IEEE P802.22  
Wireless RANs

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| Meeting Minutes of the Spectrum Characterization and Occupancy Sensing | | | | |
| Date: 2017-03-23 | | | | |
| 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 2016** – March 23, 2017

**1. March 23rd 2017–Spectrum Characterization and Occupancy Sensing Ad-Hoc Conference Call Meeting Minutes**

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1. Attendance

Gianfranco Miele (GM), University of Cassino and Southern Lazio

Roger Hislop (RH), TG chair, Internet Solutions

Nilesh Khambekar (NK), University at Buffalo

Ken Baker (KB), NTIA

Mike Cotton (MC), NTIA

Oliver Holland (OH), KCL

Apurva Mody (AM), BAE Systems

William Suriaputra (WS), Cognitive Systems

Li Li (LL), Canada

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 AM, no objections, so approved.
* Task Group planning:
  + Reviewed event (Apurva) – highlighted that Return Ratio must be more than 50%, and ballot votes more than 90%
    - Some interest from Sony, joining in group
    - Gianfranco Miele added as voting member
    - 136 comments provided
    - Action – Roger/Oliver to get list of voting members and check return ratio, chase any outstanding  
      Result – return ratio is 82%
    - This allows ballot to be closed and moved on to approval vote
  + Group reviewed new structure as proposed at Vancouver plenary – still TBD item
  + Item by item through comments starting at 5.3.1. Major points
    - Whether “Requirements” are normative or should go in annex
    - Discussion contemplating merger of data manager and sensing manager. Possibly this would be desirable, but with functions being kept separate to allow splitting into separate entities later. This requires defining control messages internally in the new merged block.
    - Discussion on working on functional diagrams into something more simple
    - Breaking down User Requirements and Functional Requirement as separate descriptive block diagrams
    - Action – Roger to work on two-pager
  + Discussion of block diagram on SSD:
    - Simplify to description of RF front end – all that comes out is conditioned signal
    - Simplify to description of Sensor/SDR – that it just puts out a digitised interpretation of a detected signal, e.g. a power/freq plot
* Meeting was adjourned at 15h50 UTC, next meeting to be held 30th March 2017.