IEEE P802.22  
Wireless RANs

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| Meeting Minutes of the Spectrum Characterization and Occupancy Sensing | | | | |
| Date: 2016-10-07 | | | | |
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Abstract

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

**Year 2016** – October 07, 2016

**1. October 7th 2016 – Spectrum Characterization and Occupancy Sensing  
Ad-Hoc Conference Call Meeting Minutes**

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1. Attendance

Apurva Mody (AM), BAE Systems

Gianni Cerro (GC), University Pegaso

Jesse Caulfield (JC), Keybridge

Roger Hislop (RH), TG chair, Internet Solutions

John McGinn (JM), Cognitive Systems

Li Li (L2), ISED Canada

Nilesh Khambekar (NK), University at Buffalo

Oliver Holland (OH), Kings College London

Bernd Bochow (BB), FOKUS

William Suriaputra (WS), Cognitive 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 August 26th reviewed and call for approval.
  + Moved by AM, seconded by OH, no objections, so approved.
* Note – call on 30 Sept was a briefing by Robert Normoyle, chair of the VITA-49 standard
* Task Group planning:
  + Presentation by Nilesh Khambekar, Gianfranco Miele on their submissions on transport layer. This took the form of a shared doc, focusing on definition and implementation of the SSMS-SSD Ingest interface.
    - Process received data-streams to generate “Spectrum Occupancy Database” records.
    - Define methods for contextualization
    - Define methods for source and data validation
    - Define methods for ensuring data-integrity (using digital signatures by SSDs)
    - Define methods for censoring and fusion (giving different access permissions to different typology of users and aggregating data coming from cooperative nodes)
    - Define methods for spectrum-characterization (designing metrics and statistical indices to store in the DB).
    - Define and implement SSMS-INGEST-DATA-STORE-INTERFACE
    - Serve specific sensing-data to SSMS for specific sensing-data requests using internal data storage.
  + The meeting discussed the overall approach and next steps, and broadly agreed that it was correct, and the task team could continue.
* Meeting was adjourned at 14h30 UTC