IEEE P802.22
Wireless RANs

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| Meeting Minutes of the Spectrum Characterization and Occupancy Sensing |
| Date: 2017-01-05 |
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Abstract

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

**Year 2016** – January 5, 2017

**1. January 5th 2017– Spectrum Characterization and Occupancy Sensing
Ad-Hoc Conference Call Meeting Minutes**

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1. Attendance

Gianni Cerro (GC), University of Cassino and Southern Lazio

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

Roger Hislop (RH), TG chair, Internet Solutions

John McGinn (JM), Cognitive Systems

Oliver Holland (OH), Kings College London

William Suriaputra (WS), Cognitive Systems

Li Li (LL), ISED Canada

Nilesh Khambekar (NK), University at Buffalo

Mike Cotton (MC), NTIA

Ken Baker (KB), NTIA

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 November 24th reviewed and call for approval.
	+ Moved by AM, seconded by OH, no objections, so approved.
* Task Group planning:
	+ Design discussion on architecture and core functionality
		- Key to the SSM being able to advertise to users what resources are available is that SSM must have record of SSD parameters/metrics.
		- Can we lock the resource so that they have a unique config/params set.
		- Proposal made for Classes of metadata to reduce traffic and storage requirements, Class A metadata is for hard/fixed parameters that should not change (e.g. device ID, hardware config, antenna type, etc) // Class B is for parameters configured per device (antenna orientation, sweep range, etc) // Class C are scan/user dependent (swept freq, sensing algorithm, location, user info, etc).
		- Users can then choose which class of metadata get transmitted when scheduling scans
* Meeting was adjourned at 15h00 UTC, next meeting to be held 19 January 2017.