

IEEE 802.22 WG Opening Report – March 2007

IEEE P802.22 Wireless RANs

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- **802.22 Status & Goals**

- WG working to complete 1st Draft for WG Ballot (802.22)
 - “Base” Standard will be basic “single channel” system with frequency agility based on cognitive radio techniques
 - No channel bonding, fancy aggregation schemes, multiple antennas, etc.
 - “Bells and whistles” features to be added through future amendments
- TG1 working to complete 1st Draft for WG Ballot (802.22.1)
 - This is the “Part 74 beacon” standard to compliment 802.22 and improve protection to Part 74 licensed devices, which are harder to sense than TV and require faster response
- TG2 studying issues and formulating Draft (802.22.2)
 - This is a Recommended Practice for the Installation and Deployment of IEEE 802.22 Systems, and will contain best practices