IEEE P802.11  
Wireless LANs

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| September 2011 Regulatory Meeting Minutes | | | | |
| Date: 2011-9-20 | | | | |
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Abstract

This document contains minutes of IEEE 802.11 Regulatory Ad Hoc meeting in Okinawa.

**September 20, 2011 (Tuesday) AM2 10:30 – 12:30**

Notes – Tuesday, September 20th 2011

1. Called to order by Chair Rich Kennedy at 10:30am.
2. Assign a recording secretary
   1. Bill Carney volunteers
3. Administrative items
   1. The chair reviewed the items on slide 4 of Document 11-11-1239-00-0reg-meeting-plan-and-agenda-okinawa-2011
   2. Required notices
      1. Patent policy was restated.
4. Introduction
   1. Group status change: Now a Standing Committee
5. The regulatory summaries
   1. US
      1. FCC 5 GHz rules changes update – industry input for NPRM, expected in approximately 90 days.  REG SC will deal with it at the time it is released.
         1. Peter E reports that there was a recent meeting held with outdoor equipment manufacturers.  There also is an FCC list showing the list of offending entities (20+) that were levied fines for violating the rules as relates to Terminal Doppler Weather Radar.
      2. OMB approved spending for Part 15 Subpart H
         1. Establishment of database(s) only remaining hurdle.
         2. Peter E reports that this now allows spending to occur.  It is a high threshold to achieve.  120MHz of repackaged TVWS spectrum relates to the expectation of raising $30B in auction.
      3. Forty-five day geo-location database trial begun September 19th
         1. The database will only be authorized in conjunction with certified devices.
   2. Canada
      1. TVWS Consultation
         1. 802.18 will be discussing inputs later during the week.
         2. [SMSE-012-11 Consultation on a Policy and Technical Framework for the Use of Non-Broadcasting Applications in the Television Broadcasting Bands Below 698 MHz](http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf10050.html)
         3. Radio Advisory Board of Canada (RABC) meetings to discuss TVWS
            1. Biweekly calls from Industry Canada that Rich K will be participating in.
   3. Ofcom (UK)
      1. Geo-location database planning
         1. Have not yet finalized what the rules are likely to be.
      2. Results of consultation on “Implementing Geolocation”
         1. Peter E reports that a biweekly meeting is being held with broad industry participation.  Every two weeks there will be some incremental information.
      3. Next steps
         1. Consult on and publish Statutory Instrument (SI) to license-exempt TVBDs
         2. Cooperate with industry partners to enable information on licensed services
         3. Continue engagement with industry and EU regulatory and standards groups to developed harmonized approach
      4. Trials running in three locations in the UK
         1. Richard Edgar reports that 12DEC there is a plan for a trial report for Cambridge in conjunction with SC43 meeting.
      5. Peter E reports hile this activity is out of UK, there are other EU countries that may take the lead in adopting results.  However, some large economies (e.g., France, Germany) may auction off the spectrum
      6. Richard E reports that European activity in TVWS is dominated by non-WLAN companies, so there is an opportunity/urgency for more companies to become involved.
   4. China 5 GHz band
      1. Open only for EUHT?
         1. UHT is replacement for 11n, EUHT replacement for 11ac.
         2. MIIT has indicated that 5GHz spectrum would be opened for both EUHT and 802.11 technology.  The understanding is that both would be allowed to compete in the market.  There is still not visibility into how the actual requirements would be established.
         3. USITO
      2. See Critical Action Issues
6. Critical issues actions
   1. UHT/EUHT Standards in China
      1. UHT = Ultra-High Throughput (802.11n equivalent)
      2. EUHT = Enhanced Ultra-High Throughput (802.11ac equivalent)
      3. CCSA approval then application for ISO recognition
      4. Claim to coexist with Wi-Fi
      5. EUHT is LTE-like (TDD)
   2. Bills in Congress regarding spectrum use
      1. The Matsui bill
         1. Requesting FCC/NTIA to open 5GHz bands for Wi-Fi like devices.
      2. The Republican draft bill
         1. Asks Congress to authorize the auctioning of several pieces of spectrum, two of which are the ones in the Matsui bill.  They are 1915 MHz to 1920 MHz and 2020 MHz to  2025 MHz (the AWS-2 H Block), 1755 MHz to 1780 MHz and  2155 MHz to 2180 MHz (the AWS-3 band), 5350 MHz to 5470 MHz and 5850 MHz to 5925 MHz, 1670 MHz to 1710 MHz and 2070 MHz to 2110 MHz, and 1780 MHz to 1800 MHz and 2180 MHz to 2200 MHz
            1. Peter E says that this is an uninformed list and includes spectrum for obsolete devices/technologies.
         2. Still being drafted.
         3. Appears to have support.
7. Other Business
   1. Richard E announces that on 30Sep the waveless tvws initiative will be launched

Meeting adjourned at 11:45 am (local time)