IEEE P802.11  
Wireless LANs

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| October 18th Teleconference Minutes  DSRC Coexistence Tiger Team | | | | |
| Date: 2013-10-18 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Jim Lansford | CSR Technology | 100 Stirrup Circle  Florissant, CO 80816 | +1 719 286 9277 | Jim.lansford@ieee.org | |
| Rich Kennedy | Self | 7305 Napier Trail, Austin, TX 78729 | +1-832-298-1114 | rkennedy1000@gmail.com | |

Abstract

**The minutes from the Oct 18th 2013 IEEE 802.11 DSRC Coexistence Tiger Team (Regulatory SC) teleconference.**

**802.11 REG SC DSRC Coexistence Tiger Team October 18, 2013**

13/1286r0 Draft teleconference plan and agenda

<https://mentor.ieee.org/802.11/documents?is_dcn=DCN%2C%20Title%2C%20Author%20or%20Affiliation&is_group=0reg>

1. **Recording secretary volunteer**
2. **Administrative**

**2.1 Approve agenda**

**2.2 Review IEEE Guidelines**

**2.3 Approval of minutes from last week’s call**

**Minutes from October 11th call is document number 11/1284:** [**https://mentor.ieee.org/802.11/dcn/13/11-13-1284-00-0reg-meeting-minutes-from-11-oct- 2013-dsrc-coex-conf-call.doc**](https://mentor.ieee.org/802.11/dcn/13/11-13-1284-00-0reg-meeting-minutes-from-11-oct-2013-dsrc-coex-conf-call.doc)

**2.4 Background**

**2.5 Work to Date**

**3. Old business**

**3.1 Timeline**

**4. New business**

**5. Adjourn**

**Recorded Attendees**

Peter Ecclesine (Cisco Systems), Gary Pruitt (ARINC), Suzanne Sloan (US-DOT), Tevfik Yucek (Qualcomm), Bruce Abernathy (ARINC), Eric Nordstrom (Ericsson), Ramez Gergez (Caltrans), Walton Fehr (US-DOT), Randy Roebuck(3M, Omniair), Carl Kain (US-DOT), Vijay Auluck (Intel), Joe Levy (Interdigital), John Moring (Moring Consulting), Dirk Grunwald (Univ Colorado), Scott Marin (NSN), Brian Gallagher (DENSO), Dave Halasz (Qualcomm), Jim Arnold (US-DOT), Lee Armstrong (US-DOT), Malik Khan (Cohda Wireless), Paul Nikolich (IEEE 802), Rob Alderfer (CableLabs), William Check (NCTA)

Meeting called to order at 13:02 EDT

Jim Lansford (CSR) is the DSRC coexistence Tiger Team Chair.

Rich Kennedy (BlackBerry) volunteers to take notes for the day.

Chair accepts 13/1284r0 Minutes from October 11th by acclamation.

Chair shows Background (slide 7)

Chair shows Old business (slide 8) a single report based on these work items and take a snapshot in December to inform the FCC of our activity.

Ramez Gergez (CalTrans) asked why the focus is only on 802.11ac.

Chair mentioned the presentation from last week on 5 GHz band organization.

Rich Kennedy said that the FCC proceeding focuses on opening the 5.9 GHz band for 802.11ac, and 802.11a and 11n, because they were established before this band became available, are not currently available for use in this band. Because all of 802.11 is Part 15, they would have to respect the DSRC allocation.

Tevfik Yucek reminded the group that 802.11p is not Part 15. He asked if we could recommend changes to 11p.

Chair said that changing the DSRC technology is not part of this FCC proceeding. He also stated that 11ac is a superset of 11a and 11n, and it would take a new work project, and there is no need for that.

Bill Check asked if changes to DSRC could be within the scope of this group.

Chair answered that this is above Layers 1 and 2.

Ramez said that no, this is Layer 1.

Rich said even if it was, any new PHY project will take 4 years.

Ramez said that there are already changes being made to 11ac for this.

Tevfik said it would only take a small modification.

Peter said that changing channels can be done in a revision PAR (like REVmc).

The chair said that adding CCA in a 10MHz channel is beyond the scope of REVmc.

Peter said that there would be a new project.

Vinko Erceg agreed with Peter; only minor changes can be done in REVmc.

Peter said that maintenance or project is an 802.11 Woprking Group decision.

Bill said what is recommended.

Chair said that changes to DSRC would be difficult as there are systems in the field.

Ramez opined that it still could be done. He asked why the proposal suggests CCA only in 10 MHz channels; why not 5 MHz?

Peter reminded the group that DSRC has the allocation, but still has nop services.

Ramez added that these are only trials.

The group discussed the pros and cons of 5 MHz channel CCA.

Peter’s proposal is based on CCA in all of the 7 DSRC channels

Chair said in our next meeting we will discuss CCA, and hoe Primary/Secondary channel CCA works. Tevfik’s proposal is in document 11-13/1276r1.

There was mention of a problem with non-member access to the documents. Rich said he would get the problem resolved.

Chair adjourns the call at 14:02 EDT.

**References:**

* **FCC NPRM 13-22 (changes to 5GHz band rules, including proposed UNII-4 band):** [**http://transition.fcc.gov/Daily\_Releases/Daily\_Business/2013/db0220/FCC-13-22A1.pdf**](http://transition.fcc.gov/Daily_Releases/Daily_Business/2013/db0220/FCC-13-22A1.pdf)
  + **FCC 13-22 Comments**
    - [**https://mentor.ieee.org/802.11/dcn/13/11-13-0444-01-0reg-fcc-13-49-comment.docx**](https://mentor.ieee.org/802.11/dcn/13/11-13-0444-01-0reg-fcc-13-49-comment.docx)
  + **FCC 13-22 Reply Comment framework document**
  + [**https://mentor.ieee.org/802.11/dcn/13/11-13-0661-00-0reg-fcc-13-49-reply-comment-framework.doc**](https://mentor.ieee.org/802.11/dcn/13/11-13-0661-00-0reg-fcc-13-49-reply-comment-framework.doc)
* **FCC 13-22 Comments survey**
  + [**https://mentor.ieee.org/802.11/dcn/13/11-13-0679-00-0reg-fcc-13-49-comment-survey.docx**](https://mentor.ieee.org/802.11/dcn/13/11-13-0679-00-0reg-fcc-13-49-comment-survey.docx)
* **FCC 13-22 Reply Comments**
  + [**https://mentor.ieee.org/802.18/dcn/13/18-13-0087-04-0000-draft-reply-comments-of-ieee-802-re-5-ghz-nprm-fcc-et-13-49.docx**](https://mentor.ieee.org/802.18/dcn/13/18-13-0087-04-0000-draft-reply-comments-of-ieee-802-re-5-ghz-nprm-fcc-et-13-49.docx)
* **IEEE 802.11 submissions on DSRC (since 802.11p was ratified)** 
  + [**https://mentor.ieee.org/802.11/dcn/13/11-13-0552-00-0wng-802-11p-dsrc-and-802-11ac-coexistence.ppt**](https://mentor.ieee.org/802.11/dcn/13/11-13-0552-00-0wng-802-11p-dsrc-and-802-11ac-coexistence.ppt)
  + [**https://mentor.ieee.org/802.11/dcn/13/11-13-0541-01-0wng-dsrc-applications-tutorial.pptx**](https://mentor.ieee.org/802.11/dcn/13/11-13-0541-01-0wng-dsrc-applications-tutorial.pptx)
  + [**https://mentor.ieee.org/802.11/dcn/13/11-13-0543-01-0wng-dsrc-support-information.pptx**](https://mentor.ieee.org/802.11/dcn/13/11-13-0543-01-0wng-dsrc-support-information.pptx)
  + [**https://mentor.ieee.org/802.11/dcn/13/11-13-0994-00-0reg-proposal-for-u-nii-4-devices.docx**](https://mentor.ieee.org/802.11/dcn/13/11-13-0994-00-0reg-proposal-for-u-nii-4-devices.docx)
  + [**https://mentor.ieee.org/802.11/dcn/13/11-13-1276-01-0reg-proposal-for-sharing-in-unii-4-band.pptx**](https://mentor.ieee.org/802.11/dcn/13/11-13-1276-01-0reg-proposal-for-sharing-in-unii-4-band.pptx)
* **DSRC Summary**
  + [**http://secs.oakland.edu/~gpcorser/vanet-kenny-DSRC.pdf**](http://secs.oakland.edu/~gpcorser/vanet-kenny-DSRC.pdf)