IEEE P802.11  
Wireless LANs

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| 802.11 TGaf January 2013 Vancouver Meeting Minutes | | | | |
| Date: 2013-1-20 | | | | |
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Abstract

This document contains the meeting minutes from the 802.11 TGaf meetings, held at the January 2013 IEEE 802 Wireless Interim session.

**January 14th , 2013 (Monday) AM 10:30-12:30**

**Notes – Monday, Jan 14th, 2013; with 30+ attendees, AM2 meeting**

1. **Richard Kennedy (RIM) is the chair of the group. Peter Ecclesine (Cisco Systems) is the vice-chair of the group. Zhou Lan (NICT) is the second vice-chair of the group. Chair called the meeting to order: 10:30 am.**
2. **The agenda of this meeting was reviewed and approved by unanimous consent.**
3. **Introduction**
   1. Chair welcomed participants.
   2. Chair reminded participants to record their attendance.
4. **Administrative items**
   1. Chair reviewed the administrative items and presented the links for accessing the related documents.
   2. Chair reviewed the patent policy and meeting guideline slides. Chair asked: “Are there any questions on the slides?” None.
   3. Chair asked: “Are there any patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) that the participant believes may be essential for the use of that standard?” None.
   4. Chair reviewed other guide lines of the IEEE WG meetings.
   5. Chair reviewed IEEE-SA bylaws and operations manual.
   6. Chair reviewed task group chair functions and authority.
5. **Review of the TG progress since September 2012.**
6. **Motion to approve the comment resolution spreadsheet in 11-12/1017r27.**
   1. **Moved by Mike Montemurro (RIM), Seconded by Zhou Lan (NICT)**
   2. **Discussions on the motion: None**
   3. **Passes with unanimous consent**

1. **Motion to approve draft 802.11 af D2.2 as the working draft.** 
   1. **Moved by Peter Ecclesine (Cisco), Seconded by Mike Montemurro (Rim)**
   2. **Discussion on the motion:None**
   3. **Passes with 22 YES, 0 NO and 0 ABSTAIN.**
2. **Rich Kennedy reviewed the regulatory updates.** 
   1. ETSI BRAN documents are available in 802.11 mentor.
   2. Ofcom completed a public consultation on January 10th.
   3. The comment from 802.18 failed to be sent to FCC NPRM 12-118.
   4. No updates from Japan and Korea.
3. **Peter Ecclesine reviewed the comment spreadsheet.** 
   1. Dongguk Lim (LGE) volunteered for comment CID 586.
   2. CID 1049 was changed from Editor to PHY.
4. **Peter Ecclesine (Cisco systems) presented document 802.11-12/1402r3 for general comment resolution.**
5. **Dongguk Lim (LGE) presented document 802.11-13/0047r0 for TVHT and TVT issue related comment resolution.**
6. **Jens Tingleff (Samsung) presented document 802.11-13/0051r0 for TVHT\_MODE related comment resolution.**
7. **Recess at 12:30 AM**

**January 14th , 2013 (Monday) PM 1:30-3:30**

**Notes – Monday, January 14th, 2011; with 30+ attendees, PM1 meeting**

1. **Richard Kennedy (RIM) is the chair of the group. Peter Ecclesine (Cisco Systems) is the vice-chair of the group. Zhou Lan (NICT) is the second vice-chair of the group. Chair called the meeting to order: 1:30 pm.**
2. **The agenda of this meeting was reviewed and approved by unanimous consent.**
3. **Introduction**
   1. Chair welcomed participants.
   2. Chair reminded participants to record their attendance.
4. **Administrative items**
   1. Chair reviewed the administrative items and presented the links for accessing the related documents.
   2. Chair reviewed the patent policy and meeting guideline slides. Chair asked: “Are there any questions on the slides?” None.
   3. Chair asked: “Are there any patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) that the participant believes may be essential for the use of that standard?” None.
   4. Chair reviewed other guide lines of the IEEE WG meetings.
   5. Chair reviewed IEEE-SA bylaws and operations manual.
   6. Chair reviewed task group chair functions and authority.
5. **Motion to approve the TGaf minutes from the November Plenary in San Antonio, and November 27th, December 11th and January 8th teleconferences in documents 11-12/1439r0, 11-13/0002r1, 11-13/0003r0 and 11-13/0005r0 respectively.**
   1. **Moved by Keiichi Mizutani (NICT), Seconded by Peter Ecclesine (Cisco systems)**
   2. **Discussions: None**
   3. **Passes with unanimous consent.**
6. **Yongho Seok (LGE) presented document 802.11-13/0024r2 for reduced neighbor report related comments.**
7. **Yongho Seok (LGE) presented document 802.11-13/0025r2 for TVHT related comments.**
8. **Peter Ecclesine (Cisco systems) presented document 802.11-13/0087r0 for general comment resolutions.**
9. **Zhou Lan (NICT) presented document 802.11-13/0077r0 for MAC related comment resolutions.**
10. **Motion to approve the comment resolution in document 802.11-12/1402r3.**
    1. **Moved by Peter Ecclesine (Cisco systems), Seconded by George Vlantis (STM)**
    2. **Discussions: None**
    3. **Passes 12 YES,0 NO and 0 ABSTAIN.**

1. **Motion to approve the comment resolution in the editorial tab of 802.11-12/1017r27 with the changes on the screen (to become r28).**
   1. **Moved by Peter Ecclesine (Cisco systems), Seconded by Joe Kwak (InterDigital)**
   2. **Discussions: None**
   3. **Passes 14 YES, 0 NO and 0 ABSTAIN.**
2. **Motion to approve the comment resolution in document 802.11-13/0047r3.**
   1. **Moved by Yongho Seok (LGE), Seconded by Peter Ecclesine (Cisco systems)**
   2. **Discussions: None**
   3. **Passes 14 YES,0 NO and 0 ABSTAIN**
3. **Motion to approve the comment resolution in document 802.11-13/0051r0.**
   1. **Moved by Jens Tingleff (Samsung), Seconded by Keiichi Mizutani (NICT)**
   2. **Discussions: None**
   3. **Passes 14 YES,0 NO and 0 ABSTAIN**
4. **Motion to approve the comment resolution in document 802.11-13/0024r2.**
   1. **Moved by Yongho Seok (LGE), Seconded by Zhou Lan (NICT)**
   2. **Discussions: None**
   3. **Passes 13 YES,0 NO and 0 ABSTAIN**
5. **Motion to approve the comment resolution in document 802.11-13/0025r2.**
   1. **Moved by Yongho Seok (LGE), Seconded by Keiichi Mizutani (NICT)**
   2. **Discussions: None**
   3. **Passes 13 YES,0 NO and 0 ABSTAIN**
6. **Motion to approve the comment resolution in document 802.11-13/0087r0 with change on the screen (to become r1).**
   1. **Moved by Peter Ecclesine (Cisco systems), Seconded by Chitta Ghosh (Nokia)**
   2. **Discussions: None**
   3. **Passes 14 YES,0 NO and 1 ABSTAIN**
7. **Motion to approve the comment resolution in document 802.11-13/0077r0 with exception of comment CID 1009.**
   1. **Moved by Zhou Lan (NICT), Seconded by Jens Tingleff (Samsung)**
   2. **Discussions: None**
   3. **Passes 14 YES,0 NO and 0 ABSTAIN**
8. **Recess at 3:30 PM**

**Jan 15th , 2013 (Tuesday) AM 8:00-10:00**

**Notes – Tuesday, Jan 15th, 2011; with 30+ attendees, AM1 meeting**

1. **Richard Kennedy (RIM) is the chair of the group. Peter Ecclesine (Cisco Systems) is the vice-chair of the group. Zhou Lan (NICT) is the second vice-chair of the group. Chair called the meeting to order: 8:00 am.**
2. **The agenda of this meeting was reviewed and approved by unanimous consent.**
3. **Introduction**
   1. Chair welcomed participants.
   2. Chair reminded participants to record their attendance.
4. **Administrative items**
   1. Chair reviewed the administrative items and presented the links for accessing the related documents.
   2. Chair reviewed the patent policy and meeting guideline slides. Chair asked: “Are there any questions on the slides?” None.
   3. Chair asked: “Are there any patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) that the participant believes may be essential for the use of that standard?” None.
   4. Chair reviewed other guide lines of the IEEE WG meetings.
   5. Chair reviewed IEEE-SA bylaws and operations manual.
   6. Chair reviewed task group chair functions and authority.
5. **Hongyuan Zhang (Marvell) presented document 802.11-13/103r0 for TVHT-SIG related comment resolution.** 
   1. **Motion to approve comment resolution in document 802.11-13/0103r0 with changes as shown on the screen (to become r1).**
      1. **Moved by Hongyuan Zhang (Marvell), Seconded by Jens Tingleff (Samsung)**
      2. **Discussions: None**
      3. **Passes with 10 YES, 0 NO and 0 ABSTAIN.**
6. **Dongguk Lim (LGE) presented document 802.11-13/109r0 for comment CID 586.** 
   1. **Motion to approve comment resolutions in document 802.11-13/0109r0.**
      1. **Moved by Yongho Seok (LGE), Seconded by Jens Tingleff (Samsung)**
      2. **Discussions: None**
      3. **Passes with 10 YES, 0 NO and 1 ABSTAIN.**
7. **Peter Ecclesine (Cisco systems) presented document 802.11-13/110r0 for comment CID 1009.** 
   1. **Motion to approve comment resolutions in document 802.11-13/0110r0.**
      1. **Moved by Peter Ecclesine (Cisco systems), Seconded by Joe Kwak (InterDigital)**
      2. **Discussions: None**
      3. **Passes with 11 YES, 0 NO and 0 ABSTAIN.**
8. **Peter Ecclesine reviewed the status of comment resolution. No comment left for LB 189 and CC 4.**
9. **Having approved comment resolution for all of the comments received from LB189 and the comment collection on TGaf2.0 and D2.2 respectively, as contained in document 11-12/1017r29. Instruct the editor to prepare Draft 3.0 incorporating these resolutions and, approve a 14 day Working Group Recirculation Ballot, asking the question “Should P802.11af D3.0 be forward to Sponsor Ballot?”**
   1. **TGaf vote:**
   2. **Moved by Yongho Seok (LGE) , Seconded by Zhou Lan (NICT)**
   3. **Discussions: None**
   4. **Passes with 11 YES,0 NO and 0 ABSTAIN.**
10. **Plan for March and teleconference.**
11. **Recess at 9:00AM until Wednesday morning.**

**Jan 16th , 2013 (Wednesday) AM 8:00-10:00**

**Notes – Wednesday, Jan 16th, 2013; with 20+ attendees, AM1 meeting**

1. **Richard Kennedy (RIM) is the chair of the group. Peter Ecclesine (Cisco Systems) is the vice-chair of the group. Zhou Lan (NICT) is the second vice-chair of the group. Chair called the meeting to order: 8:00 am.**
2. **The agenda of this meeting was reviewed and approved by unanimous consent.**
3. **Introduction**
   1. Chair welcomed participants.
   2. Chair reminded participants to record their attendance.
4. **Administrative items**
   1. Chair reviewed the administrative items and presented the links for accessing the related documents.
   2. Chair reviewed the patent policy and meeting guideline slides. Chair asked: “Are there any questions on the slides?” None.
   3. Chair asked: “Are there any patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) that the participant believes may be essential for the use of that standard?” None.
   4. Chair reviewed other guide lines of the IEEE WG meetings.
   5. Chair reviewed IEEE-SA bylaws and operations manual.
   6. Chair reviewed task group chair functions and authority.
5. **Joe Kwak (InterDigial) presented document 802.11-13/129r0 for SINR variation multiple channels.**
6. **Discussions on the CA document 802.11-12/177r1 to the WG.**
   1. Peter Ecclesine mentioned 802.11-12/1421r1 is the PPT file of the response to 802.19 CA Comments.
7. **Discussions on the FCC 12-118.** 
   1. **Discussion on the 802.11 spectrum organizing principles (response to 802.18).**
      1. Put spectrum to use. Ease of access/use is more important than unlicensed allocations. Most spectrum is not allocated everywhere, all the time. Most spectrum can be shared. Imagine unlicensed car driving, with manufacturers responsible for damages. We accept drivers licenses in return for being allowed to drive, we should accept citizen spectrum use licenses in return for being allowed to use specific spectrum.
      2. In shared bands, spectrum sensing cannot know the legal status of the sender. Knowing comes from secure communication.
8. **Meeting adjourned at 10:00 am Local time.**

1. **References:**
   1. <https://mentor.ieee.org/802.11/dcn/12/11-12-1456-03-00af-meeting-plan-and-agenda-vancouver-2013.ppt>
   2. <https://mentor.ieee.org/802.11/dcn/13/11-13-0129-00-00af-sims-independent-mcs-for-multichannel.pptx>
   3. <https://mentor.ieee.org/802.11/dcn/12/11-12-1017-29-00af-tgaf-wg-lb-comment-resolutions.xlsx>
   4. <https://mentor.ieee.org/802.11/dcn/13/11-13-0103-01-00af-d22-phy-comment-resolutions.docx>
   5. <https://mentor.ieee.org/802.11/dcn/13/11-13-0110-00-00af-cc4-basic-report-cid-1009.doc>
   6. <https://mentor.ieee.org/802.11/dcn/13/11-13-0109-00-00af-proposed-resolutions-for-cid-586.doc>
   7. <https://mentor.ieee.org/802.11/dcn/13/11-13-0087-01-00af-cc4-general-description-comments.doc>
   8. <https://mentor.ieee.org/802.11/dcn/12/11-12-1402-03-00af-lb179-general-description-comments.doc>
   9. <https://mentor.ieee.org/802.11/dcn/13/11-13-0025-02-00af-cc4-comment-resolution-clause-8-9-and-10.doc>
   10. <https://mentor.ieee.org/802.11/dcn/13/11-13-0024-02-00af-cc4-comment-resolution-reduced-neighbor-report.doc>
   11. <https://mentor.ieee.org/802.11/dcn/13/11-13-0077-00-00af-mac-comment-resolution-cc4.doc>
   12. <https://mentor.ieee.org/802.11/dcn/13/11-13-0051-00-00af-tx-lo-leakage-limits-in-discontinuous-tx-resolving-cid-1007.docx>
   13. <https://mentor.ieee.org/802.11/dcn/13/11-13-0047-00-00af-cc4-comment-resolution-for-txvector-rxvector-and-tvht-vs-vht-issue.doc>