IEEE P802.11
Wireless LANs

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| TGax Spatial Reuse ad hoc group meeting minutes |
| Date: 2016-07-26 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Guido R. Hiertz | Ericsson | Ericsson Allee 152134 HerzogenrathGermany | +49-2407-575-5575 | hiertz@ieee.org |

Abstract

This document contains the meeting minutes of the only session of the IEEE 802.11 Task Group (TG) ax Spatial Reuse (SR) ad hoc group during IEEE 802’s July 2016 plenary meeting.

At 2016-07-26T16:02-07:00 Jae Seung Lee calls the meeting of the IEEE 802.11 Task Group (TG) ax Spatial Reuse (SR) ad hoc group to order. Jae Seung Lee is co-chairman of the TGax SR ad hoc group. He acts as Chairman for this meeting. The beloved Chairman introduces the TGax SR co-chairman Guido R. Hiertz. Guido R. Hiertz acts as secretary for this meeting. The supreme Chairman reminds everyone to record their attendance. The Chairman also reminds attendees to state their name and affiliation at the first time every day they address the group. At 2016-07-26T16:03-07:00 the supreme Chairman informs the group about IEEE’s patent policy. At 2016-07-26T16:05-07:00 the Chairman calls for potentially essential patent claims. Nobody responds to the call.

At 2016-07-26T16:06-07:00 the superb Chairman reminds the TGax SR group of IEEE-SA’s rules to conduct meeting business. The glorious Chairman presents the agenda for this session as outlined in document 11-16/1016r0. Graham Smith points out that his submission is document 11-16/971r2. The Chairman corrects the agenda as indicated by Graham. Graham asks being permitted to present as last person. The Chairman modifies the order of presentation accordingly. At 2016-07-26T16:10-07:00 the Chairman asks for approval of the agenda as contained in document 11-16/1016r1. Nobody objects to approving the agenda by unanimous consent.

At 2016-07-26T16:11-07:00 Jeongki Kim presents submission 11-16/879r0. The document provides resolutions for six comments received during comment collection period. At 2016-07-26T16:24-07:00 Jeongki Kim concludes his presentation. The Chairman asks attendees to queue at the microphone for questions. An attendee proposes several syntactical corrections. The author integrates the proposed corrections into his submission.

At 2016-07-26T16:30-07:00 Jeongki Kim asks the following straw poll:

**Straw Poll R20160726001**

“Do you accept the comment resolution for CIDs 705, 2437, 2436, 2439, and 2440 as shown in 11-16/879r1?”

Nobody objects to the straw poll.

At 2016-07-26T16:32-07:00 Young Hoon Kwon presents 11-16/889r0. The document offers resolutions for seventeen comments. At 2016-07-26T16:52 -07:00 Young Hoon Kwon concludes his presentation. The Chairman asks for questions regarding this presentation.

Comment: So you came up with three new conditions? They are completely different?

Response: There is BSS\_COLOR, address matching, and Partial AID.

Furthermore syntactical improvements are proposed. The author accepts all of the proposed changes and incorporates them into his submission. The author will upload this improved version as revision 1 of 11-16/889. Attendees further discuss about the implications of falsely categorizing intra- or inter-BSS frames. The author agrees to improve submission. He is willing to accept several proposed modifications to present again.

At 2016-07-26T17:05-07:00 Daewon Lee presents 11-16/901r2. At 2016-07-26T17:16-07:00 Daewon Lee concludes his presentation.

Question: Can you explain why only 80 MHz + 80 MHz is an issue and not 80 MHz operation?

Response: There is no ambiguity with 80 MHz operation in 5 GHz.

Question: Why do we need something this complicated? Why don’t we just read the beacon signal strength?

Response: There are motions that already accept this SR concept.

Geonjung Ko asks to present as next person to clarify details on 11-16/901r2. Ron Porat agrees to allow Geonjung Ko to present before him.

At 2016-07-26T17:22-07:00 Geonjung Ko presents 11-16/919r1. At 2016-07-26T17:30-07:00 Geonjung Ko concludes his presentation.

Comment: The listed solutions are equivalent to the previous submission. Correct?

Response: Yes.

At 2016-07-26T17:33-07:00 Daewon Lee continues his presentation. At 2016-07-26T17:34-07:00 Daewon Lee introduces submission 11-16/902r2 that accompanies submission 11-16/901r2. Submission 11-16/902r2 provides normative text as exemplified in 11-16/901r2.

There are no comments or questions on 11-16/902r2.

At 2016-07-26T17:37-07:00 Daewon Lee asks the following straw poll:

**Straw Poll R20160726003**

“Do you agree to accept the proposed text changes in document ‘11-16/0902r2, Proposed Text Changes for SR Fields in HE Trigger-Based PPDU’?

Note: the proposed text changes are based on option 1 of document 11-16/901r2.”

Nobody objects to the straw poll.

At 2016-07-26T17:38-07:00 Young Hoon Kwon presents 11-16/889r1. At 2016-07-26T17:41-07:00 Young Hoon Kwon asks the following straw poll:

**Straw Poll R20160726002**

“Do you accept the comment resolution for CIDs 62, 640, 2434, 2438, 703, 2435, 66, 257, 447, 186, 2661, 2662, 776, 2660, 1577, 2332, 2718 as shown in 11-16/889r1?”

Nobody objects to the straw poll.

At 2016-07-26T17:43-07:00 Jeongki Kim presents 11-16/879r1 that contains the changes discussed with Straw Poll R20160726001. Attendees identify further changes that are needed in a revised version. The author agrees to generate document 11-16/879r2.

At 2016-07-26T17:47-07:00 Ron Porat presents 11-16/905r0. At 2016-07-26T17:51-07:00 Ron Porat concludes his presentation.

At 2016-07-26T17:52-07:00 Ron Porat asks the following straw poll:

**Straw Poll R20160726005**

“Do you support the proposed addition on slide 14 in document 11-16/905r0 to table 26-17?”

Nobody objects to the straw poll.

Graham Smith asks, if the SR field is only used for Uplink MU transmissions. As there seems to be no simple answer to the question attendees decide to continue to discuss offline.

At 2016-07-26T18:00 the supreme Chairman adjourns the meeting of the TGax SR ad hoc group for this week.