IEEE P802.11
Wireless LANs

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| Minutes of the May 2017 meetings of the Spatial Reuse ad hoc group of IEEE Task Group AX (TGax) |
| Date: 2017-05-10 |
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Abstract

This document contains the minutes of the IEEE 802.11ax Spatial Reuse (SR) ad hoc group meetings in May 2017.

# 2017-05-09, PM2

At 2017-05-09T16:00+09:00 the beloved Chairman calls the meeting to order. Jason Lee acts as Chairman of this week’s IEEE 802.11 TGax Spatial Reuse (SR) ad hoc group meetings. Additionally, Laurent Cariou acts as Vice Chairman and Guido R. Hiertz acts a secretary during this week.

At 2017-05-09T16:01+09:00 the supreme Chairman presents submission 11-17/797r0 that contains the agenda of this week’s TGax SR ad hoc sessions. At 2017-05-09T16:03+09:00 the great Chairman calls for potentially essential patents. Nobody speaks up in response to the Chairman’ call.

At 2017-05-09T16:04+09:00 the supreme Chairman asks the TGax SR ad hoc group for approval of the agenda presented on slide 15 of submission 11-17/797r0. The TGax SR ad hoc group approves the agenda by unanimous consent.

At 2017-05-09T16:05+09:00 Suhwook Kim states that he wants to defer presentation of his submission 11-17/724 to the July 2017 session. Consequently, the great Chairman removes submission 11-17/724 from the agenda. Afterwards, Laurent Cariou asks for his submission 11-17/808 to be added to the list of presentations. Nobody objects to adding this submission to the agenda. Therefore, the beloved Chairman adds submission 11-17/808 as last item of the agenda. The updated agenda is listed in 11-17/797r1.

At 2017-05-09T16:08+09:00 Sean Coffey presents 11-17/748r1 as the author of the first submission listed in the agenda is not in the room. At 2017-05-09T16:23+09:00 Sean Coffey ends his presentation.

Comment: Beacon periods are somewhat artificial. We should come back to this later. In general I agree with your submission.

Response: Let’s try to stabilize the draft now. My preference is to vote on this, right now.

Comment: What you are doing here, is reopening a CID. We already have a motion to resolve Comment ID (CID) 6768.

At 2017-05-09T16:30+09:00 Sean Coffey asks Straw Poll R20170509001:

“Do you agree to accept the text proposed by 11-17/748r1 and to treat this as a resolution to CID6768 and to modify TGax D1.2 as proposed by the contribution?”

Yes/No/Abstain: 11/0/11

Straw poll result will be reported to TGax.

At 2017-05-09T16:35+09:00 Matthew Fischer presents 11-17/633r1. During the presentation Matthew modifies the submission. The author uploads the modified submission as 11-17/633r2. At 2017-05-09T16:44+09:00 Matthew Fischer ends his presentation.

At 2017-05-09T16:56+09:00 Matthew Fischer asks Straw Poll R20170509002:

“Do you agree to accept the resolutions provided in 11-17/633r2 for the comments with CIDs 5941 and 5873?”

Passes with unanimous consent.

Straw poll result will be reported to TGax.

At 2017-05-09T17:00+09:00 Matthew Fischer presents 11-17/640r0. At 2017-05-09T17:04+09:00 Matthew Fischer ends his presentation.

At 2017-05-09T17:13+09:00 Kaiying Lv presents submission 11-17/669r2. At 2017-05-09T17:21+09:00 Kaiying ends her presentation.

Comment: We were trying to simplify SR. SRP is complicated, OBSS\_PD is simple. It will be never ending process to find all conditions when SRP may be used. We could just rely on the CTS-to-self here.

Response: In some cases, CTS-to-self will not solve the issue. I believe it’s better to provide a consistent way of protection, as the station that is triggered by a trigger frame did not send the CTS.

Comment: Currently, SR\_Delay is limited to SRP. Now you are proposing it for OBSS\_PD. You are mixing two things.

At 2017-05-09T17:38+09:00 Laurent Cariou presents document 11-17/808r0. At 2017-05-09T17:48+09:00 Laurent completes his presentation.

At 2017-05-09T18:02+09:00 the glorious Chairman declares the TGax SR ad hoc group to be in recess.

# 2017-05-09, EVE

At 2017-05-09T19:40+09:00 the Chairman, Jason Lee, calls the meeting to order.

At 2017-05-09T19:41+09:00 the Chairman presents submission 11-17/797r1 that contains the agenda of this week’s TGax SR ad hoc sessions. At 2017-05-09T19:43+09:00 the Chairman calls for potentially essential patents. Nobody speaks up in response to the Chairman’ call.

At 2017-05-09T19:45+09:00 Matthew Fischer presents the revised document 11-17/640r2. At 2017-05-09T19:48+09:00 Matthew Fischer ends his presentation.

Question: Clarification questions.

Response: The 1st sentence is for the HE PPDU with BSS\_COLOR field in HE-SIG-A. The 2nd sentence is for the VHT PPDU only, when the GROUP\_ID is zero. Then the PARTIAL\_AID in RXVECTOR is actually a partial BSSID and it is compared with the SRG Partial BSSID Bitmap field. The 3rd sentence says that if you find BSSID information elsewhere in the frame, then it is compared with the bitmap.

Question: One sentence is based on the SIG information and the other sentence is based on the MAC header?

Response: BSSD information in MPDU or PPDU. If you saw an element inside a management frame, then you can use it too.

At 2017-05-09T20:00+09:00 Matthew Fischer asks Straw Poll R20170509003:

“Do you agree to accept the resolutions provided in 11-17/0640r2 for the comment with CID 8111?”

Passes with unanimous consent.

Straw poll result will be reported to TGax.

Kaiying defers her presentation on the revised document 11-17/0669 and Laurent also defers his presentation on the revised document 11-17/808 because they think that they need more offline discussion with other members.

The Chairman answers that he will ask the TG chair to allocate them in TG sessions but it is not guaranteed due to the TG session schedule.

At 2017-05-09T20:10+09:00 the Chairman asks if there is any objection to adjourn the meeting. None noted.

At 2017-05-09T20:11+09:00 the Chairman declares the TGax SR ad hoc group meeting adjourned.