

**IEEE P802.11
Wireless LANs**

IEEE 802.11 TGax				
March 2017 Vancouver Meeting Minutes				
Date: 2017-04-05				
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Abstract

TGax meeting minutes from the IEEE 802.11 Vancouver session, March 13th – 17nd, 2017.

Minutes/motions from the ad hoc groups are contained in the following documents:

- PHY Ad Hoc
 - <https://mentor.ieee.org/802.11/dcn/17/11-17-0494-00-00ax-march-2017-vancouver-phy-ad-hoc-meeting-minutes.docx>
- MAC Ad Hoc
 - <https://mentor.ieee.org/802.11/dcn/17/11-17-0155-01-00ax-11ax-mac-ad-hoc-minutes.docx>
- MU Ad Hoc
 - <https://mentor.ieee.org/802.11/dcn/17/11-17-0495-00-00ax-tgax-mu-ad-hoc-minutes-march-2017.docx>
- SR Ad Hoc
 - <https://mentor.ieee.org/802.11/dcn/17/11-17-0504-00-00ax-spatial-reuse-ad-hoc-group-march-2017-minutes.docx>

**IEEE 802.11 Task Group ax
March 2017 Vancouver Meeting
Hyatt Regency Vancouver, BC, Canada
March 13th – 17th, 2017**

TGax Chair	Osama Aboul-Magd (Huawei Technologies)
Vice Chair	Simone Merlin (Qualcomm)
Vice Chair	Ron Porat (Broadcom)
TGax Secretary	Yasuhiko Inoue (NTT)
TGax Technical Editor	Robert Stacy (Intel)

Monday, March 13th, 2017, PM1 TGax Session (13:30-15:30)

1. The meeting called to order by Osama Aboul-Magd (Huawei Technologies), the chair of the TGax, @13:35
 - 1.1. Introduction of front table.

2. **Announcement**
 - 2.1. Agenda Doc.11-17/0199r1 on the server. Rev. 2 is the working document.
 - 2.2. Meeting Protocol: Chair asked to state name and affiliation when speaking for the first time.
 - 2.3. Attendance reminder.
 - 2.3.1. The attendance server: <https://imat.ieee.org/>

3. **The chair reviewed the mandatory 6 slides of P&P.**
 - 3.1. Instructions for the WG Chair.
 - 3.2. Participants, Patents, and Duty to Inform.
 - 3.3. Patent Related Links.
 - 3.4. Call for potentially essential patents.
 - 3.4.1. Chair asked if anyone is aware of potentially essential patents.
 - 3.4.2. No potentially essential patents reported.
 - 3.5. Other Guidelines for IEEE WG Meetings.
 - 3.6. Participation in IEEE 802 Meetings

4. **Agenda items for the week**
 - 4.1. Approve meeting and teleconferences minutes since January 2017
 - 4.2. Continue with comment resolution on draft D1.0
 - 4.3. Schedule TG ad hoc meeting (possibly in Korea)
 - 4.4. Schedule TG teleconferences.

5. **General Flow of the meeting**
 - 5.1. Slides 14 and 15 of the 17/0199r6 contain general flow of the meeting.

5.2. There are ten meeting slots planed for TGax.

	Monday	Tuesday	Wednesday	Thursday
AM1	TGax (full session)			
AM2		TGax (Ad Hoc)	TGax (Ad Hoc)	
PM1	TGax (full session)		TGax (Ad Hoc)	TGax (Ad Hoc)
PM2	TGax (Ad Hoc)	TGax (Ad Hoc)	TGax (Ad Hoc)	TGax (Ad Hoc)
PM3	SR ad Hoc			

6. Call for submissions – 62 submissions

6.1. PHY – 13 submissions

- 6.1.1. 11-17-0044, “NDP Short Feedback Design,” Ron Porat (Broadcom)
- 6.1.2. 11-17-0078, “RBW of 11ax,” Xiaogang Chen (Intel)
- 6.1.3. 11-17-0231, “CR_clause 28.3.5,” Xiaogang Chen (Intel)
- 6.1.4. 11-17-0234, “CR_clause 28.3.19_28.3.20,” Xiaogang Chen (Intel)
- 6.1.5. 11-17-0247, “CR HE PHY Introduction Part 4,” Lochan Verma (Qualcomm)
- 6.1.6. 11-17-0261, “CR HE PHY Transmit Requirements HE_TRIG_PPDU Part 1,” Lochan Verma (Qualcomm)
- 6.1.7. 11-17-0290, “CRs on TX specification,” Yujin Noh (Newracom)
- 6.1.8. 11-17-0345, “LB225 CR on TXOP_DURATION (28.2.2),” Jeongki Kim (LG Electronics)
- 6.1.9. 11-17-0398, “11ax Comment Resolutions for HE Preamble,” Yan Zhang (Marvell)
- 6.1.10. 11-17-0400, “CRs for 20MHz-only STA - Part 1,” Sungeun Lee (Cypress)
- 6.1.11. 11-17-0404, “CR on Pre-HE preamble transmission for trigger based PPDU,” Ross Jian Yu (Huawei)
- 6.1.12. 11-17-0414, “CR on clause 28-3-11 HE PHY data field,” Tianyu Wu (MediaTek)
- 6.1.13. 11-17-0436, “LB225 Comment Resolution of CID 7517,” Jianhan Liu (MediaTek)

6.2. MAC – 25 submissions

- 6.2.1. 11-17-0074, “Explanations for CR on 27.5.2.7,” Laurent Cariou (Intel)
- 6.2.2. 11-17-0088, “Discussion for CR on 10.22.2.8 TXOP limits,” Woojin Ahn (Wilus)
- 6.2.3. 11-17-0239, “LB225-MAC-CR-HT Control subclause 9.2.4.6.X and 10.1 - Block 2,” Alfred Asterjadhi (Qualcomm)
- 6.2.4. 11-17-0240, “LB225-MAC-CR-HT Control subclause 9.2.4.6.X and 10.1 - Block 3,” Alfred Asterjadhi (Qualcomm)
- 6.2.5. 11-17-0283, “lb225-mac-cr-9-3-1-23,” Raja Banerjea (Qualcomm)
- 6.2.6. 11-17-0285, “LB225-MAC-CR-HE MCS_NSS resolutions,” Alfred Asterjadhi (Qualcomm)
- 6.2.7. 11-17-0308, “CR for section 9.4.2 BSS load PPT,” Frank Hsu (MediaTek)
- 6.2.8. 11-17-0319, “CRs for Section 27.4,” George Cherian (Qualcomm)
- 6.2.9. 11-17-0341, “LB225 11ax D1.0 Comment Resolution 10.13,” Liwen Chu (Marvell)
- 6.2.10. 11-17-0344, “LB225 CR on EIFS and TXOP_DURATION (10.3.2.3.7 and 27.11.5),” Jeongki Kim (LG Electronics)
- 6.2.11. 11-17-0346, “LB225 CR on TXOP Truncation (10.22.2.9),” Jeongki Kim (LG Electronics)
- 6.2.12. 11-17-0347, “LB225 CR on Intra-PPDU PS (27.14.1),” Jeongki Kim (LG Electronics)
- 6.2.13. 11-17-0353, “LB225-CRs-on-OFDMA-based-random-access-Response,” Suhwook Kim (LG Electronics)
- 6.2.14. 11-17-0359, “mac-cr-CS Required-9-3-1-23,” Raja Banerjea (Qualcomm)
- 6.2.15. 11-17-0360, “LB225 CR for CID5917 and CID8165,” Ming Gan (Huawei)

- 6.2.16. 11-17-0361, "BSS Load Information in 802.11ax," Ming Gan (Huawei)
- 6.2.17. 11-17-0362, "LB225 CR for Subclause 9.4.2.218.2," Ming Gan (Huawei)
- 6.2.18. 11-17-0384, "LB225, Comment resolution for 10.24.10," Reza Hedayat (Newracom)
- 6.2.19. 11-17-0389, "CIDs-for-27-2-1-part1," Kaiying Lv (ZTE)
- 6.2.20. 11-17-0395, "LB225-CR-on-Pre-association," Ming Gan (Huawei)
- 6.2.21. 11-17-0396, "Association Exchange using Contention based UL OFDMA," Ming Gan (Huawei)
- 6.2.22. 11-17-0421, "cr-for-11.49-HE BSS operation," Chao-Chun Wang (MediaTek)
- 6.2.23. 11-17-0443, "LB225-CRs-on-OFDMA-based-random-access-Figure," Suhwook Kim (LG Electronics)
- 6.2.24. 11-17-0445, "CR on Per-TID All Ack in Multi-STA BlockAck Frame," Geonjung Ko (Wilus)
- 6.2.25. 11-17-0448, "Proposed resolution for comments related to CIDs in 27.5.2," Jing Ma (NICT)

6.3. MU – 9 submissions

- 6.3.1. 11-17-0271, "CR for 17.2.2.1 and 17.3.9.10," Po-kai Huang (Intel)
- 6.3.2. 11-17-0282, "11-17-xxxx-0x-00ax-lb225-mac-cr-number-of-ss-9-3-1-23," Raja Banerjee (Qualcomm)
- 6.3.3. 11-17-0302, "D1.0 MAC Resolution CR for 27.5.2.4," Po-Kai Huang (Intel)
- 6.3.4. 11-17-0325, "CR for 27.14.3 OPS," Laurent Cariou (Intel)
- 6.3.5. 11-17-0335, "CR for CID 8142 - Random Access acronym," Rojan Chitrakar (Panasonic)
- 6.3.6. 11-17-0338, "CR for 27.5.2.4 - Physical CS CIDs," Rojan Chitrakar (Panasonic)
- 6.3.7. 11-17-0349, "LB225 CR for 25.5.2.4 Setting of CS Required Bit," Kiseon Ryu (LG Electronics)
- 6.3.8. 11-17-0403, "CR-Subclause-27-5-3-MU-Cascading," David Xun Yang (Huawei)
- 6.3.9. 11-17-0442, "LB225, CR CIDs 3215, 3216," Reza Hedayat (Newracom)

6.4. SR – 10 submissions

- 6.4.1. 11-16-1063, "Unified SR text DSC, ATPC, inter-BSS," Graham Smith (SR Technologies)
- 6.4.2. 11-16-1476, "CR-for section-25-9-spatial-reuse-operation-for-HE-PPDU," Matthew Fischer (Broadcom)
- 6.4.3. 11-17-0075, "SRP-based SR Summary and Update," Matthew Fischer (Broadcom)
- 6.4.4. 11-17-0163, "DSC as OBSS_PD," Graham Smith (SR Technologies)
- 6.4.5. 11-17-0267, "CR for 25.9.2.2 OBSS_PD Spatial reuse," Laurent Cariou (Intel)
- 6.4.6. 11-17-0383, "Spatial Reuse Group Challenges," Reza Hedayat (Newracom)
- 6.4.7. 11-17-0452, "LB225, CR for CID3222," Reza Hedayat (Newracom)
- 6.4.8. 11-17-0455, "Some clarifications on current SR spec text," Laurent Cariou (Intel)
- 6.4.9. 11-17-0458, "OBSS_PD: Threshold problems," Sean Coffey (RealTek)
- 6.4.10. 11-17-0459, "," Kaiying Lv (ZTE)

6.5. TG – 5 submissions

- 6.5.1. 11-17-0112, "Link Transmit Power," Matthew Fischer (Broadcom)
- 6.5.2. 11-17-0328, "Link Adaptation Feedback for Combating Interference," Feng Jiang ()
- 6.5.3. 11-17-0334, "Proposed Text for Simulation Scenarios," Frank Hsu (MediaTek)
- 6.5.4. 11-17-0369, "Some CIDs related to 20MHz operation," Guoqing Li (Apple)
- 6.5.5. 11-17-0370, "Some CIDs related to 20MHz operation -- text," Guoqing Li (Apple)

6.6. Ad Hoc meeting scheduling

- 6.6.1. Ad Hoc slot assignment
 - 6.6.1.1. MAC ... 5, PHY ... 3.5, SR ... 1, MU ... 1.5.
- 6.6.2. Chair asked if there are any objections to approve the TGax schedule as follow.
 - 6.6.2.1. There are no objections. The TGax schedule is approved.

	Monday	Tuesday	Wednesday	Thursday		
AM1	TGax (full session)					
AM2		TGax (PHY)	TGax (MAC)	TGax (full session)		
PM1	TGax (full session)		TGax (MAC)	TGax (MU)		
PM2	TGax (PHY)	TGax (MAC)	TGax (PHY)	TGax (MAC)	TGax (PHY/MU)	TGax (full session)
PM3		TGax (SR)				

7. Agenda for Monday, March 14th, PM1 (13:30 – 15:30).

7.1. Proposed Agenda for Monday PM1:

- 7.1.1. Call meeting to order
- 7.1.2. Patent policy, etc.
- 7.1.3. Call for submissions
- 7.1.4. Set Ad Hoc Groups schedule and approve agenda
- 7.1.5. Summary from January 2017 meeting
- 7.1.6. TG motions
 - 7.1.6.1. Approve TG meeting and Telecon minutes since November meeting.
 - 7.1.6.2. Approve resolutions of comments, if needed.
- 7.1.7. Editor Report – Robert Stacey
- 7.1.8. Timeline
- 7.1.9. On Comment Resolution
- 7.1.10. Next ad Hoc Meeting (May)
- 7.1.11. Presentations and Comment Resolution
- 7.1.12. Recess

7.2. Chair asked if there are any other items – No items proposed. Meeting will be conducted based on this order.

8. Summary from January 2017 Meeting

- 8.1. Continued with the resolution of comments received on draft D1.0
- 8.2. Discussed issues related to spatial Reuse.
- 8.3. Held a weekly teleconferences to advance comment resolution
- 8.4. Held a TG 3-day ad hoc meeting in San Diego

9. TG Motions

9.1. Motion: Approve TGax minutes of meetings and teleconferences from January 2017 interim meeting to today:

- <https://mentor.ieee.org/802.11/dcn/17/11-17-0126-00-00ax-tgax-january-2017-atlanta-meeting-minutes.docx>
- <https://mentor.ieee.org/802.11/dcn/17/11-17-0224-03-00ax-tgax-teleconference-minutes-from-jan-to-mar-2017.docx>
- <https://mentor.ieee.org/802.11/dcn/17/11-17-0155-00-00ax-11ax-mac-ad-hoc-minutes.docx>
- <https://mentor.ieee.org/802.11/dcn/17/11-17-0358-00-00ax-tgax-march-2017-ad-hoc-meeting-minutes-non-phy-ad-hoc.docx>

- <https://mentor.ieee.org/802.11/dcn/17/11-17-0456-00-00ax-mar-2017-tgax-sd-phv-ad-hoc-premeeting-minutes.docx>

9.1.1. Discussion:

- 9.1.1.1. A member requested to check the CIDs discussed during the TGax ad hoc meeting.

9.1.2. Result: The motion was postponed until Wednesday AM1.

10. Editor's Report

- 10.1. Draft 1.1 is on the members' only area of the 802.11 web site.

11. Timeline

- 11.1. Slide 24 of the agenda document contains the current timeline.
- 11.1.1. **May 2014: start of the TG**
 - 11.1.2. **Nov. 2014: First draft of the TG SFD was approved**
 - 11.1.3. **Jan. 2016: proposed TG draft**
 - 11.1.4. **March 2016: Draft D0.1 was approved and CC started**
 - 11.1.5. **November 2016: Draft 1.0 and WG letter ballot**
 - 11.1.6. **May 2017: Draft 2.0 and recirculation**
 - 11.1.7. **November 2017: MDR (Mandatory Document Review)**
 - 11.1.8. **January 2018: Formation of SB pool**
 - 11.1.9. **March 2018: Sponsor Ballot**
 - 11.1.10. **December 2018: RevCom**
- 11.2. Draft 2.0 is very unlikely to be available in May 2017.
- 11.2.1. Chair asked for comments and suggestions.
 - 11.2.2. Timeline will be discussed during the TGax full session on Thursday session.

12. On Comment Resolutions

- 12.1. Number of comments were rejected with no proper reasons
- 12.2. Some of the reasons cited, "it is in the SFD", "the group adopted it"
- 12.3. Please refer to the comment resolution tutorial;
<https://mentor.ieee.org/802.11/dcn/16/11-16-0230-03-000m-sb1-stephens-resolutions-part-1.doc>

13. Presentations

- 13.1. **Guoqing Li (Apple) presented "CIDs Related to 20MHz-only STAs operating on non-primary 20 MHz channels," based on the submission 11-17-0369-03.**
- 13.1.1. Summary
- 13.1.1.1. The 802.11ax draft is introducing 20 MHz-only STAs which operate at 20MHz BW only, however, it is not clear on whether and how these STAs can operate on non-primary 20MHz channel, see text below.
 - 13.1.1.2. What's defined in 11ax draft 1.0 is ready to enable the non-primary channel operation mode which enables intelligent load balancing and interference management, maximizes BSS BW utilization and reduces STA power consumption.
- 13.1.2. Discussion
- 13.1.2.1. A member mentioned that he/she likes this idea. However, he/she is concerned about the consistency with the protection mechanism, i.e. MU-RTS/CTS procedure.

- 13.1.2.2. Another member is concerned about the range disadvantage that a 20 MHz-only STA may have, and also the additional complexity since such a device is very likely to be a low cost device.
- 13.1.2.3. There is a comment that efficiency can be achieved by putting 20 MHz-only STA on the primary channel while placing other HE STAs secondary channels.
- 13.1.2.4. There is a comment that this proposal introduces an OBSS coexistence issue. The commenter would like to see all the mechanism for this procedure and results of evaluation.
- 13.1.2.5. A member mentioned that he/she generally agrees with the idea of giving a kind of flexibility. He/she would like to understand relationship between MU-RTS/CTS procedure and power efficiency.
- 13.1.3. Next Step
 - 13.1.3.1. It is good to give people to review the document 17/370r2 that contains the text of this proposal.

14. AoB

- 14.1. PM2 session on Monday March 13th is ad hoc sessions
 - 14.1.1. Ad Hoc #1 – PHY – Regency C.
 - 14.1.2. Ad Hoc #2 – MAC – Regency D.

15. TGax meeting recessed @ 15:30.

The next TGax full session is AM1 on Wednesday, March 15th.

Monday, March 13th, 2017, PM2 TGax Ad Hoc Sessions (16:00-18:00)

- Ad Hoc #1: PHY – Regency C
 - Agenda: 11-17-0464
- Ad hoc #2: MAC – Regency D
 - Agenda: 11-17-0453

Tuesday, March 14th, 2017, AM2 TGax Ad Hoc Sessions (10:30-12:30)

- Ad hoc #1: PHY – Regency C
 - Agenda: 11-17-0464

- Ad hoc #2: MAC – Regency D
 - Agenda: 11-17-0453

Tuesday, March 14th, 2017, PM2 TGax Ad Hoc Sessions (16:00-18:00)

- Ad hoc #1: PHY – Regency C.
 - Agenda: 11-17-0464

- Ad hoc #2: MAC – Regency D
 - Agenda: 11-17-0453

Tuesday, March 14th 2016, PM3 TGax ad hoc Session (19:30-21:30)

- Ad hoc #1: SR – Regency C.
 - Agenda: 11-17-0482

Wednesday, March 15th 2017, AM1 TGax full Sessions (13:30-15:30)

- 1 **The meeting called to order by Osama Aboul-Magd (Huawei Technologies), the chairperson of the TGax, @8:00 AM**
 - 1.1 Agenda 17/0199r3 is on the server.
 - 1.2 Rev. 4 is the working document.

- 2 **Agenda Setting**
 - 2.1 Proposed agenda for this session
 - 2.1.1 Call Meeting to order
 - 2.1.2 IEEE 802 and 802.11 IPR Policy and procedure.
 - 2.1.3 Approval of TG Minutes
 - 2.1.4 May ad hoc Meeting and motion
 - 2.1.5 Timeline
 - 2.1.6 Progress Review from ad hocs
 - 2.1.7 Presentations
 - 2.1.7.1 SP remaining from yesterday
 - 2.1.7.2 11-17/0075 and 11-16/1476
 - 2.1.7.3 11-17/0383 and 11-17/0452
 - 2.1.7.4 11-17/0459
 - 2.1.7.5 11-17/0267 – SP
 - 2.1.8 Recess
 - 2.2 Chair asked if there any comments or suggestions on the proposed agenda. No response.
 - 2.2.1 The agenda for Wednesday AM1 is approved.

- 3 **Reminder**
 - 3.1 Chair reminded that we are still operating under IEEE 802 and 802.11 Policies and Procedures.
 - 3.2 Chair asked to state name and affiliation when addressing for the first time in the session.
 - 3.3 Chair asked to put cellphone mute.

- 4 **Approval of TG minutes (January 2017 meeting and teleconferences)**

4.1 Motion: Approve TGax minutes of meetings and teleconferences from January 2017 plenary meeting to today:

- 4.1.1 <https://mentor.ieee.org/802.11/dcn/17/11-17-0126-00-00ax-tgax-january-2017-atlanta-meeting-minutes.docx>
 - 4.1.2 <https://mentor.ieee.org/802.11/dcn/17/11-17-0224-03-00ax-tgax-teleconference-minutes-from-jan-to-mar-2017.docx>
 - 4.1.3 <https://mentor.ieee.org/802.11/dcn/17/11-17-0155-00-00ax-11ax-mac-ad-hoc-minutes.docx>
 - 4.1.4 <https://mentor.ieee.org/802.11/dcn/17/11-17-0358-02-00ax-tgax-march-2017-ad-hoc-meeting-minutes-non-phy-ad-hoc.docx>
 - 4.1.5 <https://mentor.ieee.org/802.11/dcn/17/11-17-0456-00-00ax-mar-2017-tgax-sd-phy-ad-hoc-premeeting-minutes.docx>
 - 4.2 Moved by Bo Sun, Seconded by Bin Tian.
 - 4.3 Discussion: No discussion.
 - 4.4 **Result: Motion was approved with no objection.**
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5 Ad Hoc Meeting in May 2017

- 5.1 Jinsoo Ahn (LG Electronics) volunteers to host the TGax ad hoc meeting in May 2017 before the week of the IEEE 802 Wireless Interim session.
- 5.2 Discussion
 - 5.2.1 Some members prefer to have the ad hoc meeting on Saturday and Sunday.
 - 5.2.2 PHY ad hoc does not need ad hoc meeting.

5.3 Motion

- 5.3.1 Authorize TGax to hold an ad-hoc meeting on May 3-5 in Seoul, Korea, for the purpose of working on comment resolution excluding PHY CIDs.**
- 5.3.2 Moved by Robert Stacey, Seconded by Qinghua Li**
- 5.3.3 Discussion: No discussion.**
- 5.3.4 Result: Y/N/A = 55/0/2, motion passes.**

6 Timeline discussion

- 6.1 Chair showed the proposed modification to the timeline contained in the agenda file and requested for comments and suggestions.
 - 6.1.1 There will be a motion to approve the modified timeline on Thursday.

7 Progress from ad hoc groups

- 7.1 Report from the ad hoc groups:
 - 7.1.1 PHY (Bo): 4 presentations left. Need one more session.
 - 7.1.2 MU (Sigurd): 8 submissions left. Need one more session. It can be a joint session with PHY ad hoc.
 - 7.1.3 SR (Guido): 5 left. Want Thursday AM1 session.
 - 7.1.4 MAC (Eric): 14 left. Need more sessions.
- 7.2 Chair will request additional meeting slot during the WG mid-week plenary session.
- 7.3 Chair also asked the members to review the motion text contained in the agenda file.

8 Presentations

- 8.1 Matt. Fischer (Broadcom) presented "SRP-Based SR Operation," based on the submission 11-17-0075-07.**
 - 8.1.1 Summary
 - 8.1.1.1 This is an update of a presentation that was given in January 2017 session.
 - 8.1.2 Discussion
 - 8.1.2.1 Q: A member asked about the retransmission procedure when the acknowledgment is not returned. → It is not likely that the retransmission occurs within the same SRP PDU. We may need to think about the use of Delayed Block ACK procedure.
 - 8.1.2.2 C: Some members disagree with the concept of SRP. Although some cases are explained in the document, there seems to be many hidden assumptions. More details of this procedure have to be discussed.
 - 8.1.2.3 C: A member commented that AP will have an advantage for SR transmissions.
 - 8.1.2.4 Q: A member asked if we have a mechanism to completely ON/OFF this procedure. → SR_Disallow bit.
 - 8.1.2.5 C: Another member pointed out that there are some issues such as number of STAs participating SR transmissions, collision probability in a dense wireless LAN environment, UL/DL balancing.

8.1.3 Straw Polls

8.1.3.1 Straw Poll #1: Do you support the use of SRP in the DSRP_PPDU case, i.e. Trigger followed by UL Trigger-based PPDU?

8.1.3.1.1 Y/N/A = 31/12/35

8.1.3.2 Straw Poll #2: Do you support the use of SRP in the TSRP_PPDU case, i.e. HE Trigger-based PPDU preceded by IDLE or by PPDU with color match of Trigger-based PPDU?

8.1.3.2.1 Y/N/A = 24/26/29

8.1.3.3 Straw Poll #3: Do you support the use of SRP in the ULSRP_PPDU case 1, i.e. HE UL SU PPDU or HE UL MU PPDU preceded by IDLE?

8.1.3.3.1 Y/N/A = 13/25/31

8.2 Reza Hedayat (Newracom) presented “LB225, CR for CID3222,” based on the submission 11-17-0452-02.

8.2.1 Summary

8.2.1.1 As a resolution for CID #3222, OBSS_PD Rule is modified.

8.2.1.2 The proposal is to use a more relaxed OBSS-PD for response frames to protect intended recipients of data frames from potential interference/collision.

8.2.1.3 Proposed text is contained in slide 10 of 11-17-0452-02.

8.2.2 Discussion

8.2.2.1 A member commented that we should have protection for response frame.

8.2.3 Straw Poll

8.2.3.1 Do you accept the Revised resolution for CID 3222 with the proposed text in slide 10 of 17-0452r1?

8.2.3.1.1 Accepted with no objection.

9 AoB

9.1 Guoqing Li (Apple) has straw polls from submission 11-17-0369

9.1.1 Straw Polls:

9.1.1.1 Straw Poll #1: Do you agree to accept the text described in 0370r2 for comment resolution for CID 8810 and 8811?

9.1.1.1.1 Discussion:

9.1.1.1.1.1 A member commented that this adds lots of complexity.

9.1.1.1.2 Result: Y/N/A = 39/26/17, straw poll will not be converted to a motion.

9.1.1.2 Straw Poll #2: Do you agree to allow 20 MHz-only STAs to operate on any 20 MHz channel within the BSS bandwidth as an optional mode?

9.1.1.2.1 Discussion:

9.1.1.2.2 Result: This straw poll was not conducted.

10 Recess

10.1 There will be TGax ad hoc meetings this afternoon.

10.2 Chair will send out an email.

Wednesday, March 15th 2017, PM1 TGax Ad Hoc Sessions (13:30-15:30)

- Ad Hoc #1: MAC – Regency C
 - Agenda: 11-17-0453

- Ad Hoc #2: MU – Regency D
 - Agenda: 11-17-0485

Wednesday, March 15th 2017, PM2 TGax Ad Hoc Sessions (16:00-18:00)

- Ad Hoc #1: MU/PHY – Regency C
 - Agenda: 11-17-0485/11-17-0464

- Ad Hoc #2: MAC – Regency D
 - Agenda: 11-17-0453

Thursday, March 16th, 2017, PM1 TGax full Session (13:30-15:30)**1 The meeting called to order by Osama Aboul-Magd (Huawei Technologies), the chairperson of the TGax, @13:30.**

1.1 Agenda 17/0199r5 is on the server. Rev. 6 is the working document.

2 Agenda for this session**2.1 Thursday PM1 and PM2**

2.1.1 Call Meeting to order

2.1.2 Agenda Setting

2.1.3 Announcement/Reminder

2.1.3.1 IEEE 802 and 802.11 IPR Policy and procedure.

2.1.3.2 Attendance

2.1.4 TG Motions

2.1.5 Timeline update

2.1.6 Goals for May 2016

2.1.7 Teleconferences

2.1.8 Presentations

2.1.8.1 11-17/0328

2.1.8.2 11-17/0112

2.1.9 Adjourn

2.2 Chair asked if there are any modifications to the agenda.

2.3 Agenda approved without objections.

3 Announcement/Reminder

3.1 Chair reminded IEEE 802 and 802.11 IPR P&P.

3.2 Chair asked people to state name and affiliation when addressing for the first time in the session.

3.3 Chair reminded people to do attendance.

4 Motions – TG documents

4.1 CR Motions

4.1.1 CR Motion #152 (MAC): Move to accept resolutions to CIDs; 5164, 6974, 6975,6978, 6979, 6980, 6981, 7532, 7533, 8293, 8486, 9865, and 9866 in doc 11-17/0191r5

4.1.1.1 Moved by Reza Hedayat, Seconded by Yasu Inoue.

4.1.1.2 Discussion: No discussion.

4.1.1.3 Result: Motion was accepted with no objection.

4.1.2 CR Motion #153 (MAC): Move to accept resolutions to CIDs; 3193, 3194, 4747, 4748, 5032, 5172, 5684, 5854, 5906, 5908, 6159, 6160, 7138, 7178, 7185, 7186, 7795, 8212, 8213, 8214, 8264, 8295, 8296, 8297, 9403, 9491, 9521, 9586, 9702, 10248, 10249, 10327, 3244, 3389, 3499, 3830, 3919, 4270, 4454, 4483, 4742, 4744, 5843, 5911, 5912, 6462, 6463, 6464, 7562, 8201, 8262, 8263, 8265, 8290, 8291, 8519, 4745, 7660 in doc 11-17/0204r5.

4.1.2.1 Moved by Laurent Cariou, Seconded by Yasu Inoue.

4.1.2.2 Discussion: No discussion.

4.1.2.3 Result: Motion was accepted with no objection.

4.1.3 CR Motion #154 (MAC): Move to accept resolutions to CIDs; 6935, 3102, 7707, 8494, 4715, 6936, 4716, 6937, 5432, 4717 in doc 11-17/0223r2.

4.1.3.1 Moved by Reza Hedayat, Seconded by Yasu Inoue.

4.1.3.2 Discussion: No discussion.

4.1.3.3 Result: Motion was accepted with no objection.

4.1.4 CR Motion #155 (MAC): Move to accept resolutions to CIDs; 5931, 7528, 9748 in doc 11-17/0227r0.

4.1.4.1 Moved by Reza Hedayat, Seconded by Yasu Inoue.

4.1.4.2 Discussion: No discussion.

4.1.4.3 Result: Motion was accepted with no objection.

4.1.5 CR Motion #156 (MAC): Move to accept resolutions to CIDs; 4266, 4479, 5211, 10290 in doc 11-17/0248r3.

4.1.5.1 Moved by Reza Hedayat, Seconded by Yasu Inoue.

4.1.5.2 Discussion: No discussion.

4.1.5.3 Result: Motion was accepted with no objection.

4.1.6 CR Motion #157 (MAC): Move to accept resolutions to CIDs; 9756, 7788 in doc 11-17/0255r0.

4.1.6.1 Moved by Reza Hedayat, Seconded by Yasu Inoue.

4.1.6.2 Discussion: A member asked for a count.

4.1.6.3 Result: Y/N/A = 28/3/9, motion passes.

4.1.7 CR Motion #158 (MAC): Move to accept resolutions to CIDs; 3166, 6086, 6328, 7267, 7272, 7275, 7753, 8396, 9834, 9836, 5682, 7271, 3019, 6329, 9835, 9646, 9647, 8252, 7273, 7274, 7490, 8117, 10342 in doc 11-17/0207r6.

4.1.7.1 Moved by Po-Kai Huang, Seconded by Yasu Inoue.

4.1.7.2 Discussion: No discussion.

4.1.7.3 Result: Motion was accepted with no objection.

4.1.8 CR Motion #159 (MAC): Move to accept resolutions to CIDs; 9612, 4832 in doc 11-17/0208r2.

4.1.8.1 Moved by Reza Hedayat, Seconded by Yasu Inoue.

4.1.8.2 Discussion:

4.1.8.2.1 A member asked for deferral of CID #9612.

4.1.8.2.2 Another member objects to it.

4.1.8.3 Result: Y/N/A = 28/3/9, motion passes.

4.1.9 CR Motion #160 (MAC): Move to accept resolutions to CIDs; 7667, 9693, 6529 in doc 11-17/0209r2.

4.1.9.1 Moved by Reza Hedayat, Seconded by Yasu Inoue.

4.1.9.2 Discussion: No discussion.

4.1.9.3 Result: Motion was accepted with no objection.

4.1.10 CR Motion #161 (MU): Move to accept resolutions to CIDs; 7840, 7959, 8502, 9771, 8715, 10071 in doc 11-17/0309r1.

4.1.10.1 Moved by George Cherian, Seconded by Yasu Inoue.

4.1.10.2 Discussion: No discussion.

4.1.10.3 Result: Motion was accepted with no objection.

4.1.11 CR Motion #162 (MAC): Move to accept resolutions to CIDs; 7668, 7669, 7906, 9694, 4833, 5775, 9600, 5969, 9861, 5968, 7670, 7881, 9346, 3188 in doc 11-17/0210r2.

4.1.11.1 Moved by Reza Hedayat, Seconded by Yasu Inoue.

4.1.11.2 Discussion: No discussion.

4.1.11.3 Result: Motion was accepted with no objection.

4.1.12 CR Motion #163 (MAC): Move to accept resolutions to CIDs; 6935, 3102, 7707, 8494, 4715, 6936, 4716, 6937, 5432, 4717 in doc. 11-17/0223r2.

4.1.12.1 Moved by Reza Hedayat, Seconded by Yasu Inoue.

4.1.12.2 Discussion: This is a duplicate of a previous motion (CR Motion #154).

4.1.13 CR Motion #164 (MAC): Move to accept resolutions to CIDs; 4754, 6094, 7564, 8404, 8689, 9677, 6480, 7565, 5848, 6481, 8406, 6484, 9611 in doc 11-17/0226r3.

4.1.13.1 Moved by Reza Hedayat, Seconded by Yasu Inoue.

4.1.13.2 Discussion: No discussion.

4.1.13.3 Result: Motion was accepted with no objection.

4.1.14 CR Motion #165 (MAC): Move to accept resolutions to CIDs; 8394, 5215, 7142, 10292 in doc 11-17/0263r3.

4.1.14.1 Moved by Po-Kai Huang, Seconded by Yasu Inoue.

4.1.14.2 Discussion: No discussion.

4.1.14.3 Result: Motion was accepted with no objection.

4.1.15 CR Motion #166 (MAC): Move to accept resolutions to CIDs; 5075, 5076, 5561, 9481, 5562, 5563, 9274, 7140, 9423, 5044, 9425, 8095, 8096, 5045, 9427, 7975, 5932, 7976, 9424, 9426, 9557, 9681, 9850, 5933, 8411, 9515, 7569, 8410, 5795, 7137, 5761, 9682, 8256, 8257, 9428, 4835, 5934, 9851, 7663 in doc 11-17/0264r3.

4.1.15.1 Moved by Po-Kai Huang, Seconded by Yasu Inoue.

4.1.15.2 Discussion: No discussion.

4.1.15.3 Result: Motion was accepted with no objection.

4.1.16 CR Motion #167 (MAC): Move to accept resolutions to CIDs; 10250, 10320, 10321, 10322, 10323, 10247, 10005, 10006, 10246, 9584, 9386, 9285, 8592, 8354, 8211, 7233, 6068, 6056, 5930, 5559, 5468, 5466, 5463, 5358, 5169, 3057, 8268, 8269, 7844, 9442 in doc 11-17/0324r1.

4.1.16.1 Moved by Po-Kai Huang, Seconded by Yasu Inoue.

4.1.16.2 Discussion: No discussion.

4.1.16.3 Result: Motion was accepted with no objection.

4.1.17 CR Motion #168 (MAC): Move to accept resolutions to CIDs; 3006, 3010, 3112, 3162, 5047, 5058, 5067, 5926, 6075, 6076, 6272, 6273, 7134, 7311, 7312, 7314, 7475, 7733, 7734, 7735, 7736, 7737, 7934, 8113, 8186, 8187, 8474, 8475, 8477, 8478, 9362, 9363, 9364, 9625, 9626, 9642, 9814, 9815, 9816, 9817, 9818 in doc 11-17/306r4.

4.1.17.1 Moved by George Cherian, Seconded by Yasu Inoue.

4.1.17.2 Discussion: No discussion.

4.1.17.3 Result: Motion was accepted with no objection.

4.1.18 CR Motion #169 (MAC): Move to accept resolutions to CIDs; 3060, 3063, 3064, 3065, 3201, 3202, 3203, 3204, 3205, 3206, 3213, 5174, 5178, 5650, 5651, 5652, 5653, 5654, 5655, 5668, 5685, 5803, 5804, 5805, 5806, 6060, 6135, 6608, 6611, 6621, 6623, 6637, 6639, 6640, 6641, 7082, 7393, 7534, 7653, 7654, 7655, 7656, 7802, 7967, 8122, 8391, 8392, 8459, 8490, 8491, 9214, 9286, 9718, 9736, 9737, 9882, 10009, 10329, 10330, 10333, 8395 in doc 11-17/0319r1.

4.1.18.1 Moved by George Cherian, Seconded by Yasu Inoue.

4.1.18.2 Discussion: No discussion.

4.1.18.3 Result: Motion was accepted with no objection.

4.1.19 CR Motion #170 (MAC): Move to accept resolutions to CIDs; 3019, 9648, 9837, 10162 in doc 11-17/0359r2.

4.1.19.1 Moved by George Cherian, Seconded by Yasu Inoue.

4.1.19.2 Discussion: No discussion.

4.1.19.3 Result: Motion was accepted with no objection.

4.1.20 CR Motion #171 (MAC): Move to accept resolutions to CIDs; 3018, 8190, 3167, 3216, 5130, 8166, 8335, 8336, 8380, 8415, 8539, 8540, 9494, 9645, 6082, 7484, 9831 in doc 11-17/0283r3.

4.1.20.1 Moved by George Cherian, Seconded by Yasu Inoue.

4.1.20.2 Discussion: No discussion.

4.1.20.3 Result: Motion was accepted with no objection.

4.1.21 CR Motion #172 (MAC): Move to accept resolutions to CIDs; 6484, 9611 in document 17/0226r3.

1.1.1.1 Moved by Alfred Asterjadhi, Seconded by Yasu Inoue.

1.1.1.2 Discussion: No discussion.

1.1.1.3 Result: Motion was accepted with no objection.

4.1.22 CR Motion #173 (MAC): Move to accept resolutions to CIDs; 9428 in document 17/0264r3.

4.1.22.1 Moved by Po-Kai Huang.

4.1.22.2 Discussion: This CID is included in a previous motion (CR Motion #166).

4.1.23 CR Motion #174 (MAC): Move to accept resolutions to CIDs; 3060, 3061, 9444, 5175, 3062, 3071, 5708, 5709, 5710, 9709, 5711, 7177, 3072, 4817, 3136, 9821, 3075, 7552, 7972, 8533, 5455, 7163, 7164, 9378, 7165, 7841, 7169, 9379, 7146, 8280, 8292 in document 17/0230r1.

4.1.23.1 Moved by Abhishek Patil, Seconded by Yasu Inoue.

4.1.23.2 Discussion: No discussion.

4.1.23.3 Result: Motion was accepted with no objection.

4.1.24 CR Motion #175 (MU): Move to accept resolutions to CIDs; 7968, 8271, 4809, 4810, 4811, 5702, 5183, 5184, 9451, 5185, 5703, 7574, 9894, 4812, 5186, 5704, 9452, 8272, 9707, 5706, 5187, 6168, 5983, 8273, 8338, 9588, 6166, 10167, 4815, 4816, 7644, 7812, 9896, 6065, 7175, 9759, 9456, 9589, 7176, 10260, 9898, 8552, 3228, 9710, 4818, 8151, 8701, 8702, 4821, 9529, 4820, 8703, 4822, 4823, 4824, 4825, 6685, 7649, 5717, 3232, 7816, 5988, 9713, 4828, 6196, 3325*, 6695, 8705, 6696, 7817, 6697, 9917, 5997, 5998, 6701 in document 17/0250r2.

4.1.24.1 Moved by Abhishek Patil, Seconded by Yasu Inoue.

4.1.24.2 Discussion: No discussion.

4.1.24.3 Result: Motion was accepted with no objection.

4.1.25 CR Motion #176 (MAC): Move to accept resolutions to CIDs; 6787, 7131, 10300, 10301, 4910, 4911, 6789, 8356, 4909, 9703, 4908 in document 17/138r1.

4.1.25.1 Moved by Abhishek Patil, Seconded by Yasu Inoue.

4.1.25.2 Discussion: No discussion.

4.1.25.3 Result: Motion was accepted with no objection.

4.1.26 CR Motion #177 (MAC): Move to agree to the resolution of CID 5189 in document 17/0359r2.

4.1.26.1 Moved by George Cherian, Seconded by Yasu Inoue.

4.1.26.2 Discussion: No discussion.

4.1.26.3 Result: Motion was accepted with no objection.

4.1.27 CR Motion #178 (MAC): Move to accept the resolutions to CIDs 3015, 3016, 3165, 7487, 8660, 8661, 9262, 9263, 9633 from document 17/0282r4.

4.1.27.1 Moved by George Cherian, Seconded by Yasu Inoue.

4.1.27.2 Discussion: No discussion.

4.1.27.3 Result: Motion was accepted with no objection.

4.1.28 CR Motion #179 (MAC): Move to accept the resolutions to CIDs 4564, 4571, 4614, 7369, 8083, 8511, 8512, 9666, 9667 in document 11-17/0235r0.

4.1.28.1 Moved by Alfred Asterjadhi, Seconded by Yasu Inoue.

4.1.28.2 Discussion: No discussion.

4.1.28.3 Result: Motion was accepted with no objection.

4.1.29 CR Motion #180 (MAC): Move to accept the resolutions to CIDs 3132, 3175, 4720, 6919, 7228, 8308 in document 11-17/0236r2.

4.1.29.1 Moved by Alfred Asterjadhi, Seconded by Yasu Inoue.

4.1.29.2 Discussion: No discussion.

4.1.29.3 Result: Motion was accepted with no objection.

4.1.30 CR Motion #181 (MAC): Move to accept the resolutions to CIDs 4789, 4808, 5217, 5218, 5219, 5220, 5221, 5511, 5518, 7034, 7035, 7154, 7581, 7582, 8525, 8526, 8616, 8617, 8729, 8730, 9732, 9961, 9962, 9963, 9964 in document 11-17/0237r3.

4.1.30.1 Moved by Alfred Asterjadhi, Seconded by Yasu Inoue.

4.1.30.2 Discussion: No discussion.

4.1.30.3 Result: Motion was accepted with no objection.

4.1.31 CR Motion #182 (MAC): Move to accept the resolutions to CIDs 3084, 3085, 3086, 5387, 7166, 6786, 6779, 6777, 6781, 3088, 9458, 10299, 3087, 5476 in document 11-17/0134r10.

4.1.31.1 Moved by Abhishek Patil, Seconded by Yasu Inoue.

4.1.31.2 Discussion: No discussion.

4.1.31.3 Result: Motion was accepted with no objection.

4.1.32 CR Motion #183 (MAC): Move to accept the resolution to CID 5050 in document 11-17/0363r5.

4.1.32.1 Moved by Matt Fischer, Seconded by Yasu Inoue.

4.1.32.2 Discussion: No discussion.

4.1.32.3 Result: Motion was accepted with no objection.

4.1.33 CR Motion #184 (MAC): Move to accept the resolutions to CIDs 7809, 3074, 5999, 9121, 9122, 9123, 5018, 5019, 5020, 5021, 5022, 5023, 5066, 5714, 5986, 6167, 7648, 8156, 8279, 8554, 9100, 9591, 9904, 9975, 9708, 10168, 5364, 7814, 3097, 3229, 3230, 3301, 4819, 5035, 5094, 5190, 5370, 5713, 6195, 6677, 6999, 7097, 7845, 8276, 8299, 9528, 9711, 10169, 10010, 5810, 10012, 5365, 9916, 9258, 7745, 9827, 9630, 7329, 9997, 9998, 9826, 7041, 7141, 9897 in document 11-17/0229r2.

4.1.33.1 Moved by Abhishek Patil, Seconded by Yasu Inoue.

4.1.33.2 Discussion: No discussion.

4.1.33.3 Result: Motion was accepted with no objection.

4.1.34 CR Motion #185 (MAC): Move to accept the resolutions to CIDs 5222, 5223, 5224, 5225, 5226, 7584, 7585, 7586, 9751, 9965, 9966, 3256, 3354, 3461, 3775, 3858, 4301, 4925, 5227, 5228, 7587, 7588, 7589, 7590, 7591, 7592 in doc 11-17/0237r3.

4.1.34.1 Moved by Alfred Asterjadhi, Seconded by Yasu Inoue.

4.1.34.2 Discussion: No discussion.

4.1.34.3 Result: Motion was accepted with no objection.

4.1.35 CR Motion #186 (MAC): Move to accept the resolutions to CIDs; 3004, 4725, 5436, 7715, 8175 (5 CIDs), 3378, 3483, 3812, 3896, 4358, 4425, 4727, 5025, 5438, 7471, 7713, 7714, 8176, 8643, 8644, 9801, 9984 (17 CIDs), 3153, 3381, 3487, 3817, 3902, 4365, 4433, 4734, 5051, 5122, 5123, 5439, 8177, 8645, 8646, 10334, 10335, 10336, 10337 (19 CIDs) in document 11-17/0238r2.

4.1.35.1 Moved by Alfred Asterjadhi, Seconded by Yasu Inoue.

4.1.35.2 Discussion: No discussion.

4.1.35.3 Result: Motion was accepted with no objection.

4.1.36 CR Motion #187 (MAC): Move to accept the resolutions to CIDs;
- 4732, 4733, 5052, 5053, 5124, 5125, 5440, 7379, 7716, 7717, 8178, 8248, 9804,
- 5335, 5441, 7888,
- 5054, 5055, 5056, 5126, 5442, 7302, 7303, 7305, 7719, 7865, 7867, 8133, 8179, 8180,
8181, 8249, 9620, 9621, 9806
in document 11-17/0239r2.

4.1.36.1 Moved by Alfred Asterjadhi, Seconded by Yasu Inoue.

4.1.36.2 Discussion: No discussion.

4.1.36.3 Result: Motion was accepted with no objection.

4.1.37 CR Motion #188 (MAC): Move to accept the resolutions to CIDs; 3155, 3382, 3489, 3819, 3905, 4368, 4436, 5443, 7887, 8162, 8647, 3005, 3147, 3157, 3158, 3159, 4738, 5013, 5014, 5127, 5444, 6191, 7015, 7016, 7017, 7018, 7019, 7380, 7472, 7570, 7720, 8182, 8183, 8184, 8250, 8334, 8374, 9397, 9807, 9808, 10339 in document 11-17/0240r2.

4.1.37.1 Moved by Alfred Asterjadhi, Seconded by Yasu Inoue.

4.1.37.2 Discussion: No discussion.

4.1.37.3 Result: Motion was accepted with no objection.

4.1.38 CR Motion #189 (PHY): Move to accept the resolutions to the following CIDs and the corresponding spec text modification as in 11-17/0243r2.
CIDs: 3795, 4854, 4855, 4856, 4902, 4930, 4931, 5232, 5234, 5242, 5746, 5747, 5750, 5754, 5755, 5791, 10355, 10356

4.1.38.1 Moved by Lochan Verma, Seconded by Ron Porat.

4.1.38.2 Discussion: No discussion.

4.1.38.3 Result: Motion was accepted with no objection.

4.1.39 CR Motion #190 (PHY): Move to accept the resolutions to the following CIDs and the corresponding spec text modification as in 11-17/0245r2.
CIDs: 4903, 4934, 4935, 5236, 5237, 5238, 5239, 5240, 5745, 6110, 6818, 6819, 7218, 8331, 8332, 8357, 8361

4.1.39.1 Moved by Lochan Verma, Seconded by Ron Porat.

4.1.39.2 Discussion: No discussion.

4.1.39.3 Result: Motion was accepted with no objection.

4.1.40 CR Motion #191 (PHY): Move to accept the resolutions to the following CIDs and the corresponding spec text modification as in 11-17/0242r5.
CIDs: 3554, 5157, 5786, 5789, 6429, 7558, 8258, 9083, 9114, 8676, 8381, 6074

4.1.40.1 Moved by Lochan Verma, Seconded by Ron Porat.

4.1.40.2 Discussion: No discussion.

4.1.40.3 Result: Motion was accepted with no objection.

4.1.41 CR Motion #192 (PHY): Move to accept the resolutions to the following CIDs and the corresponding spec text modification as in 11-17/0244r2.
CIDs: 5147, 5148, 5149, 5150, 5151, 5152, 5153, 5154, 5841, 5842, 7557, 7559, 7573, 8346, 8347

4.1.41.1 Moved by Lochan Verma, Seconded by Ron Porat.

4.1.41.2 Discussion: No discussion.

4.1.41.3 Result: Motion was accepted with no objection.

4.1.42 CR Motion #193 (PHY): Move to accept the resolutions to the following CIDs and the corresponding spec text modification as in 11-17/0246r1.
CIDs: 8623, 8624, 8635, 8637, 8638, 8639, 8640, 8733, 8734, 8736, 8738, 8740, 8741, 8742, 8743, 10404, 10355

4.1.42.1 Moved by Lochan Verma, Seconded by Ron Porat.

4.1.42.2 Discussion: No discussion.

4.1.42.3 Result: Motion was accepted with no objection.

4.1.43 CR Motion #194 (PHY): Move to accept the resolutions to the following CIDs and the corresponding spec text modification as in 11-17/0247r2.
CIDs: 7036, 7217, 7218, 7428, 7429, 7824, 8359, 8626, 8627, 8629, 8630, 8631, 8632, 8633, 8634, 8732, 8735, 8737, 8739, 9113, 9134, 9777, 7778, 9779, 9780, 10081 10082, 10196

4.1.43.1 Moved by Lochan Verma, Seconded by Ron Porat.

4.1.43.2 Discussion: No discussion.

4.1.43.3 Result: Motion was accepted with no objection.

4.1.44 CR Motion #195 (MU): Move to accept the resolutions to the following CIDs and the corresponding spec text modification as in 11-17/0303r2.
CIDs: 6341, 6339, 7355, 7354, 7349, 3425, 3539, 3440, 3439, 3436, 3434, 3431, 3430, 3428, 3427, 9265 9266, 9840, 7756, 8665, 8666, 8667, 8669, 8670

4.1.44.1 Moved by Lochan Verma, Seconded by Ron Porat.

4.1.44.2 Discussion: No discussion.

4.1.44.3 Result: Motion was accepted with no objection.

4.1.45 CR Motion #196 (PHY): Move to accept the resolutions to the following CIDs and the corresponding spec text modification as in 11-17/0330r2.

CIDs: 3293, 3343, 3579, 3660, 4009, 4096, 5112, 5113, 5114, 5115, 5306, 5539, 6921, 7694, 7695, 8306, 8307, 8498, 9217, 9220, 9222, 9227, 9228, 9229, 9230, 9231, 9498, and 9499

4.1.45.1 Moved by Jianhan Liu, Seconded by Ron Porat.

4.1.45.2 Discussion: No discussion.

4.1.45.3 Result: Motion was accepted with no objection.

4.1.46 CR Motion #197 (PHY): Move to accept the resolutions to the following CIDs and the corresponding spec text modification as in 11-17/0333r2.

CIDs: 9025 and 9658.

4.1.46.1 Moved by Jianhan Liu, Seconded by Ron Porat.

4.1.46.2 Discussion: No discussion.

4.1.46.3 Result: Motion was accepted with no objection.

4.1.47 CR Motion #198 (PHY): Move to accept the resolutions to the following CIDs and the corresponding spec text modification as in 11-17/0332r2.

CIDs: 4995, 7234, 8894 and 8895.

4.1.47.1 Moved by Jianhan Liu, Seconded by Ron Porat.

4.1.47.2 Discussion: No discussion.

4.1.47.3 Result: Motion was accepted with no objection.

4.1.48 CR Motion #199 (PHY): Move to accept the resolutions to the following CIDs and the corresponding spec text modification as in 11-17/0299r2.

CIDs: 4918, 5264, 6117, 8935, 8936, 10062.

4.1.48.1 Moved by Dongguk Lim, Seconded by Ron Porat.

4.1.48.2 Discussion: No discussion.

4.1.48.3 Result: Motion was accepted with no objection.

4.1.49 CR Motion #200 (PHY): Move to accept the resolutions to the following CIDs and the corresponding spec text modification as in 11-17/0300r2.

CIDs: 5104, 8891, 8892, 8893, 9469.

4.1.49.1 Moved by Dongguk Lim, Seconded by Ron Porat.

4.1.49.2 Discussion: No discussion.

4.1.49.3 Result: Motion was accepted with no objection.

4.1.50 CR Motion #201 (PHY): Move to accept the resolutions to the following CIDs and the corresponding spec text modification as in 11-17/0331r2.

CIDs: 4884, 5279, 7687, 9012, 9071, 10056, 10057 and 10075.

4.1.50.1 Moved by Jianhan Liu, Seconded by Ron Porat.

4.1.50.2 Discussion: No discussion.

4.1.50.3 Result: Motion was accepted with no objection.

4.1.51 CR Motion #202 (PHY): Move to accept the resolutions to the following CIDs and the corresponding spec text modification as in 11-17/0320r2.

CIDs: 5300, 6837, 6838, 7221, 7514, 8859, 8862.

4.1.51.1 Moved by Eunsung Park, Seconded by Ron Porat.

4.1.51.2 Discussion: No discussion.

4.1.51.3 Result: Motion was accepted with no objection.

4.1.52 CR Motion #203 (PHY): Move to accept the resolutions to the following CIDs and the corresponding spec text modification as in 11-17/0321r3.

CIDs: 7048, 8969, 8970, 8971, 8974, 9749, 9750.

4.1.52.1 Moved by Eunsung Park, Seconded by Ron Porat.

4.1.52.2 Discussion: No discussion.

4.1.52.3 Result: Motion was accepted with no objection.

4.1.53 CR Motion #204 (PHY): Move to accept the resolutions to the following CIDs and the corresponding spec text modification as proposed in 11-17/0317r1.

CIDs: 5284, 10315, 8329, 8330, 9032, 7833, 9033, 8330, 4873, 5878, 7834, 10307, 5875, 5876, 5877, 9035, 9036, 10308, 10309, 10310, 5875, 5876, 5877, 9035, 9036, 10309, 10310.

4.1.53.1 Moved by Bin Tian, Seconded by Ron Porat.

4.1.53.2 Discussion: No discussion.

4.1.53.3 Result: Motion was accepted with no objection.

4.1.54 CR Motion #205 (PHY): Move to accept the resolutions to the following CIDs and the corresponding spec text modification as in 11-17/0305r2.

CIDs: 8880, 8881, 5255, 8883, 8884, 7515, 8885, 8887, 4866, 8888, 4867, 8889, 4868, 4994, 9484, 4990, 4993.

4.1.54.1 Moved by Yan Zhang, Seconded by Ron Porat.

4.1.54.2 Discussion: No discussion.

4.1.54.3 Result: Motion was accepted with no objection.

4.1.55 CR Motion #206 (PHY): Move to accept the resolutions to the following CIDs and the corresponding spec text modification as in 11-17/0261r2.

CIDs: 5784, 5785, 5953, 5954, 7442, 6869, 6870, 6871, 3606, 3609, 3359, 5282, 5281, 9028, 9027, 9090, 9078, 10125, 10314, 7678, 8575, 8581, 8582, 8583, 8578.

4.1.55.1 Moved by Lochan Verma, Seconded by Ron Porat.

4.1.55.2 Discussion: No discussion.

4.1.55.3 Result: Motion was accepted with no objection.

4.1.56 CR Motion #207 (PHY): Move to accept the resolutions to the following CIDs and the corresponding spec text modification as in 11-17/0329r4.
CIDs: 3251, 3252, 3393, 3395, 3502, 3504, 3834, 3836, 3924, 3926, 4461, 4464, 5041, 5042, 5275, 5276, 5277, 5278, 6197, 7430, 7431, 7432, 7434, 7435, 7437, 7438, 7439, 7440, 7441, 7516, 8565, 8997, 8998, 8999, 9000, 9001, 9002, 9004, 9005 and 9069.

4.1.56.1 Moved by Jianhan Liu, Seconded by Ron Porat.

4.1.56.2 Discussion: No discussion.

4.1.56.3 Result: Motion was accepted with no objection.

4.1.57 CR Motion #208 (PHY): Move to accept the resolutions to the following CIDs and the corresponding spec text modification as in 11-17/0301r4.
CIDs: 5287, 5288, 8842, 5289, 3317, 3397, 3666, 3756, 4016, 4140, 4242, 4253, 5095, 5290, 8843, 8844, 10205, 3318, 3399, 3669, 3758, 4145, 4246, 5096, 5291, 8845, 5097, 5293, 5294, 8846, 9162, 5098, 5099, 5100, 5295, 5296, 8847, 9163, and 6114.

4.1.57.1 Moved by Dongguk Lim, Seconded by Ron Porat.

4.1.57.2 Discussion: No discussion.

4.1.57.3 Result: Motion was accepted with no objection.

4.1.58 CR Motion #209 (PHY): Move to accept the resolutions to the following CIDs and the corresponding spec text modification as in 11-17/0231r2.
CIDs: 4000, 4236, 4897, 5254, 8161, 8838, 8841, 10202, and 10203.

4.1.58.1 Moved by Po-Kai Huang, Seconded by Ron Porat.

4.1.58.2 Discussion: No discussion.

4.1.58.3 Result: Motion was accepted with no objection.

4.1.59 CR Motion #210 (PHY): Move to accept the resolutions to the following CIDs and the corresponding spec text modification as in 11-17/0232r2.
CIDs: 5101, 5102, 5103, 5297, 5298, 5299, 7513, 8848, 8849, 8850, 8851, 8852, 8853, 8854, 8855, 8856, 8857, 8858, 8985, 9158, 9159, 9160, 9166, 9167, and 10114.

4.1.59.1 Moved by Xiaogang Chen, Seconded by Ron Porat.

4.1.59.2 Discussion: No discussion.

4.1.59.3 Result: Motion was accepted with no objection.

4.1.60 CR Motion #211 (MAC): Move to accept the resolutions to the CIDs as in 11-17/0283r6.
CIDs: 8114, 3018, 8190, and 9494.

4.1.60.1 Moved by Alfred Asterjadhi, Seconded by Yasu Inoue.

4.1.60.2 Discussion: No discussion.

4.1.60.3 Result: Motion was accepted with no objection.

4.1.61 CR Motion #212 (SR): Move to accept "Revised" as the resolution for CID 3222 with the proposed text in slide 10 of 11-17/0452r2.

4.1.61.1 Moved by Reza Hedayat, Seconded by Yasu Inoue.

4.1.61.2 Discussion: No discussion.

4.1.61.3 Result: Motion was accepted with no objection.

4.1.62 CR Motion #213 (MAC): Move to accept resolutions to CIDs; 5054, 5055, 5056, 5126, 5442, 7302, 7303, 7305, 7719, 7865, 7867, 8133, 8179, 8180, 8181, 8249, 9620, 9621, 9806 in doc 11-17/0239r2.

4.1.62.1 Moved by Alfred Asterjadhi, Seconded by .

4.1.62.2 Discussion: This is a duplicate of the previous motion.

4.1.63 CR Motion #214 (MAC): Move to accept resolutions to CIDs; 3384, 3491, 3822, 3907, 4371, 4439, 4740, 5445, 7020, 7473, 8185, 8375, 9809, 9810, 9811, 6965 in doc 11-17/0240r2.

4.1.63.1 Moved by Alfred Asterjadhi, Seconded by Yasu Inoue.

4.1.63.2 Discussion: No discussion.

4.1.63.3 Result: Motion was accepted with no objection.

4.1.64 CR Motion #215 (MAC): Move to accept resolutions to CIDs; 6537, 9282 (2 CIDs) in doc 11-17/0346r1.

4.1.64.1 Moved by Jeongki Kim, Seconded by Yasu Inoue.

4.1.64.2 Discussion: No discussion.

4.1.64.3 Result: Motion was accepted with no objection.

4.1.65 CR Motion #216 (MAC): Move to accept resolutions to CIDs; 3089, 6057, 7527, 9599, 9385 in doc 11-17/0344r1.

4.1.65.1 Moved by Jeongki Kim, Seconded by Yasu Inoue.

4.1.65.2 Discussion: No discussion.

4.1.65.3 Result: Motion was accepted with no objection.

4.1.66 CR Motion #217 (MAC): Move to accept resolutions to CIDs; 3091, 5216, 5506, 5938, 6055, 6782, 6783, 6784, 6785, 7602, 8241, 8242, 9602 in doc 11-17/0347r2.

4.1.66.1 Moved by Jeongki Kim, Seconded by Yasu Inoue.

4.1.66.2 Discussion: No discussion.

4.1.66.3 Result: Motion was accepted with no objection.

4.1.67 CR Motion #218 (MAC): Move to accept resolutions to CIDs; 3051, 3052, 3053, 3207, 3208, 3209, 3210, 3211, 3212, 7786, 7787, 9695, 9864 in doc 11-17/0384r2.

4.1.67.1 Moved by Reza Hedayat, Seconded by Yasu Inoue.

4.1.67.2 Discussion: No discussion.

4.1.67.3 Result: Motion was accepted with no objection.

4.1.68 CR Motion #219 (MAC): Move to accept resolutions to CIDs; 3018, 8190, 9494 in doc 11-17/283r5.

4.1.68.1 Moved by Raja Banerjea.

4.1.68.2 Discussion: This is duplicate of the previous motion.

4.1.69 CR Motion #220 (MU): Move to accept resolutions to CIDs; 5397, 5712 in doc 11-17/0448r4.

4.1.69.1 Moved by Jing Ma, Seconded by Yasu Inoue.

4.1.69.2 Discussion: No discussion.

4.1.69.3 Result: Motion was accepted with no objection.

4.1.70 CR Motion #221 (MAC): Move to accept resolutions to CIDs; 5403, 6184, 7044 in doc 11-17/0306r4.

4.1.70.1 Moved by George Cherian, Seconded by Yasu Inoue.

4.1.70.2 Discussion: No discussion.

4.1.70.3 Result: Motion was accepted with no objection.

4.1.71 CR Motion #222 (MU): Move to accept resolutions to CIDs; 7103, 7106, 7412, 8152, 8221, 9103, 9533 in doc 11-17/0443r2.

4.1.71.1 Moved by Suhwook Kim, Seconded by Yasu Inoue.

4.1.71.2 Discussion: No discussion.

4.1.71.3 Result: Motion was accepted with no objection.

4.1.72 CR Motion #223 (MAC): Move to accept resolutions to CIDs; 4782, 5975, 5976, 7161, 7789, 8267, 9698, 7661, 6567 in doc 11-17/0421r1.

4.1.72.1 Moved by Chao-Chun Wang, Seconded by Yasu Inoue.

4.1.72.2 Discussion: No discussion.

4.1.72.3 Result: Motion was accepted with no objection.

4.1.73 CR Motion #224 (MAC): Move to accept resolutions to CIDs; 6189, 7040, 9412 in doc 11-17/0088r2.

4.1.73.1 Moved by Woojin Ahn, Seconded by Yasu Inoue.

4.1.73.2 Discussion: A member expressed a concern on this motion and asked for deferral of this motion.

4.1.73.3 Result: Motion was deferred.

4.1.74 CR Motion #225 (MU): Move to accept resolution to CID 8142 in doc 11-17/0335r0.

4.1.74.1 Moved by Rojan Chitrakar, Seconded by Yasu Inoue.

4.1.74.2 Discussion: No discussion.

4.1.74.3 Result: Motion was accepted with no objection.

4.1.75 CR Motion #226 (PHY): Move to accept resolutions to CIDs; 6569, 7790, 7791, 8690, 8691, 10192, 9683 (MAC) in doc 11-17/0271r4.

4.1.75.1 Moved by Po-Kai Huang, Seconded by Yasu Inoue.

4.1.75.2 Discussion: No discussion.

4.1.75.3 Result: Motion was accepted with no objection.

4.1.76 CR Motion #227 (MU): Move to accept resolutions to CIDs; 3142, 5992, 4830, 7650, 8061, 9712, 9912, 9913, 9914, 10271, 10272, 9297, 10011, 4831, 7575, 10014, 3012 (MAC) in doc 11-17/0302r2.

4.1.76.1 Moved by Po-Kai Huang, Seconded by Yasu Inoue.

4.1.76.2 Discussion: No discussion.

4.1.76.3 Result: Motion was accepted with no objection.

4.1.77 CR Motion #228 (MU): Move to accept resolutions to CIDs; 3235, 4829, 9339, 9911, 10013, 10172, 10270 in doc 11-17/0338r1.

4.1.77.1 Moved by Rojan Chitrakar, Seconded by Yasu Inoue.

4.1.77.2 Discussion: No discussion.

4.1.77.3 Result: Motion was accepted with no objection.

4.1.78 CR Motion #229 (MU): Move to accept resolutions to CIDs; 3231, 6690, 6691, 6692, 9637 in doc 11-17/0349r1.

4.1.78.1 Moved by Kiseon Ryu, Seconded by Yasu Inoue.

4.1.78.2 Discussion: No discussion.

4.1.78.3 Result: Motion was accepted with no objection.

4.1.79 CR Motion #230 (MU): Move to accept resolutions to CIDs; 4806, 4807, 5725, 5726, 5727, 6009, 6145, 6146, 6147, 6148, 6155, 6721, 6722, 8560, 9535, 9716, 9717, 9921, 9922 in doc 11-17/0403r1.

4.1.79.1 Moved by David Xun Yang, Seconded by Yasu Inoue.

4.1.79.2 Discussion: No discussion.

4.1.79.3 Result: Motion was accepted with no objection.

4.1.80 CR Motion #231 (PHY): Move to accept resolution to CID 7517 in doc 11-17/0436r0.

4.1.80.1 Moved by Bo Sun, Seconded by Ron Porat.

4.1.80.2 Discussion: No discussion.

4.1.80.3 Result: Motion was accepted with no objection.

5 Recess @ 15:28 until 16:00.

Thursday, March 16th, 2017, PM2 TGax full Session (16:00-18:00)

6 The meeting called to order by Osama Aboul-Magd (Huawei Technologies), the chairperson of the TGax, @16:00.

6.1 Agenda 17/0199r5 is on the server. Rev. 6 is the working document.

7 Agenda for today has been approved during the PM1 session.

8 **Announcement/Reminder**

8.1 Chair reminded IEEE 802 and 802.11 IPR P&P.

8.2 Chair asked people to state name and affiliation when addressing for the first time in the session.

8.3 Chair reminded people to do attendance.

9 **Continue with Motions – TG documents**

9.1 **CR Motions**

9.1.1 **CR Motion #232 (PHY): Move to accept resolutions to CIDs; 9549, 10204 in doc 11-17/0231r2.**

9.1.1.1 **Moved by Robert Stacy, Seconded by Ron Porat.**

9.1.1.2 **Discussion: No discussion.**

9.1.1.3 **Result: Motion was accepted with no objection.**

9.1.2 **CR Motion #233 (PHY): Move to accept resolution to CID 7547 in doc 11-17/0471r1.**

9.1.2.1 **Moved by Xiaogang Chen, Seconded by Ron Porat.**

9.1.2.2 **Discussion: A member asked for deferral. Another member objected.**

9.1.2.3 **Result: Y/N/A = 28/5/12, motion passes.**

9.1.3 **CR Motion #234 (PHY): Move to accept resolutions to CIDs; 5381, 5383, 5783, 6880, 6881, 6883, 6884, 6886, 6887, 6889, 6890, 6891, 9041, 9042, 9043, 9044, 9045, 9046, 9047, 9049, 9051, 9089, 9609, 9610, 9733, 10134, 10135, 10228, 10231, 10232 in doc 11-17/0234r3.**

9.1.3.1 **Moved by Robert Stacy, Seconded by Ron Porat.**

9.1.3.2 **Discussion: No discussion.**

9.1.3.3 **Result: Motion was accepted with no objection.**

9.1.4 **CR Motion #235 (PHY): Move to accept resolution to CID 8136 in doc 11-17/0247r3.**

9.1.4.1 **Moved by Lochan Verma, Seconded by Ron Porat.**

9.1.4.2 **Discussion: No discussion.**

9.1.4.3 **Result: Motion was accepted with no objection.**

9.1.5 **CR Motion #236 (PHY): Move to accept resolution to CID 8839 in doc 11-17/0261r2.**

9.1.5.1 **Moved by Lochan Verma, Seconded by Ron Porat.**

9.1.5.2 **Discussion: No discussion.**

9.1.5.3 **Result: Motion was accepted with no objection.**

9.1.6 CR Motion #237 (PHY): Move to accept resolutions to CIDs; 8897, 8898, 9064, 4870, 4907, 5256, 5265, 9487, 10405, 8899, 5105, 8900, 5257, 8901, 10403, 8902, 10401, 10402, 5258, 4898, 4915, 8927, 8928, 8933, 8934, 10214, 5106, 8929, 8930, 8931, 5263, 6116, 8932, 10215, 8944, 8945, 8946, 8947, 5270, 8169, 8948, 8949 in doc 11-17/0398r1.

9.1.6.1 Moved by Hongyuan Zhang, Seconded by Bin Tian.

9.1.6.2 Discussion: No discussion.

9.1.6.3 Result: Motion was accepted with no objection.

9.1.7 CR Motion #238 (PHY): Move to accept resolutions to CIDs; 8809, 9154, 8360, 8813, 9795, 8614, 7506, 9796, 7508, 8615, 9799, 9800, 8798, 9766, 8799, 8800, 8801, 8802, 8803, 8804, 8805, 5250, 8807, 10089, 9797, 9798, 4973, 10090, 9151, 10091, 10092, 9152, 6826, 6827, 8812, 9767, 9768, 6828, 6829, 6830 in doc 11-17/0400r3.

9.1.7.1 Moved by Sungeun Lee, Seconded by Ron Porat.

9.1.7.2 Discussion: No discussion.

9.1.7.3 Result: Motion was accepted with no objection.

9.1.8 CR Motion #239 (PHY): Move to accept resolutions to CIDs; 8774, 9142, 9143 in doc 11-17/0345r2.

9.1.8.1 Moved by Suhwook Kim, Seconded by Ron Porat.

9.1.8.2 Discussion: No discussion.

9.1.8.3 Result: Motion was accepted with no objection.

9.1.9 CR Motion #240 (PHY): Move to accept resolutions to CIDs; 10360, 8840 in doc 11-17/0404r1.

9.1.9.1 Moved by Ross Jian Yu, Seconded by Ron Porat.

9.1.9.2 Discussion: No discussion.

9.1.9.3 Result: Motion was accepted with no objection.

9.1.10 CR Motion #241 (PHY): Move to accept resolutions to CIDs; 8863, 4983, 8864, 8865, 8866, 8867, 8868, 8869, 8870, 8871, 8872, 8874, 9550, 10036, 4985, 4989, 8875, 8877, 8878, 8879, 10037, 10209, 4986, 4987, 7500, 7501, 9321, 10234, 7244, 7245, 7246, 7502 in doc 11-17/0316r4.

9.1.10.1 Moved by Bin Tian, Seconded by Ron Porat.

9.1.10.2 Discussion: No discussion.

9.1.10.3 Result: Motion was accepted with no objection.

9.1.11 CR Motion #242 (PHY): Move to accept resolution to CID 3441 in doc 11-17/0465r5.

9.1.11.1 Moved by Bin Tian, Seconded by Ron Porat.

9.1.11.2 Discussion: No discussion.

9.1.11.3 Result: Motion was accepted with no objection.

9.1.12 CR Motion #243 (PHY): Move to accept resolutions to CIDs; 4347, 4883, 5304, 5379, 9074, 9014, 9073, 9011, 9010, 9009, 9008, 9007, 9006, 8991, 10224, 10055, 9754 in doc 11-17/0414r1.

9.1.12.1 Moved by Bo Sun, Seconded by Ron Porat.

9.1.12.2 Discussion: No discussion.

9.1.12.3 Result: Motion was accepted with no objection.

9.1.13 CR Motion #244 (SR): Move to accept resolutions to CIDs; 3198, 3199, 3200, 5204, 5205, 5207, 5208, 5484, 5489, 5494, 5496, 5497, 5499, 5500, 5502, 5503, 5690, 5691, 5870, 7122, 7123, 7129, 7406, 7612, 8073, 8104, 8232, 8239, 9315, 9540, 9944, 9946, 9947, 10031, 10032, 7125, 3197, 5689, 9541, 3196, 6025, 7823, 8233 in doc 11-17/0267r5.

9.1.13.1 Moved by Laurent Cariou, Seconded by Alfred Asterjadhi.

9.1.13.2 Discussion: A member asked for a deferral of this motion since the power restriction is not clear.
Another member objects.

9.1.13.3 Result: Y/N/A = 23/9/24, motion failed.

9.1.14 CR Motion #245: Move to accept resolutions to CIDs; 3056, 3189, 3190, 5167, 5168, 5394, 5454, 5456, 5686, 5779, 5799, 6058, 6051, 6152, 6176, 6574, 6575, 6576, 6579, 6580, 6581, 6582, 6583, 7022, 7071, 7232, 7659, 8358, 8693, 9380, 9585, 9727, 9739, 9747, 9872, 10007, 10171, 10241, 10242, 10243, 10244, 10319 in doc 11-17/389r3.

9.1.14.1 Moved by Kaiying Lv.

9.1.14.2 Discussion: Kaiying asked for deferral of this motion.

9.1.14.3 Result: This motion was deferred.

9.1.15 CR Motion #246: Move to accept resolutions to CIDs; 5402, 6183, 5403, 6184, 7044 in doc 11-17/0445r1.

9.1.15.1 Moved by Geonjung Ko.

9.1.15.2 Discussion: Those CIDs are covered by another motion.

9.1.15.3 Result: This motion was not conducted.

9.1.16 CR Motion #247: Move to accept resolutions to CIDs; 3241, 3350, 3454, 3762, 3848, 4284, 4753, 5404, 5571, 6967, 6968, 6969, 6970, 6971, 6972, 6973 in doc 11-17/0341r2.

9.1.16.1 Moved by Hongyuan Zhang, Seconded by Yasu Inoue.

9.1.16.2 Discussion: No discussion.

9.1.16.3 Result: Motion was accepted with no objection.

9.1.17 CR Motion #248: Move to accept resolutions to CIDs; 5036, 7254, 7546, 8140, 8520, 8157, 9332, 9119, 9120 in doc 11-17/0395r8.

9.1.17.1 Moved by Ming Gan, Seconded by Chittabrata Ghosh.

9.1.17.2 Discussion: No discussion.

9.1.17.3 Result: Motion was accepted with no objection.

9.1.18 CR Motion #249 (SR): Move to accept resolutions to CIDs;
6178, 5043, 5873, 5940, 7117, 7174, 5385, 9508, 10040, 10039, 10080, 8094
5941, 7611, 5485, 5504, 8069, 8234, 7908, 8118
6760, 6020, 7116, 3195, 5482, 5680, 10194, 9760, 8068, 8231, 9730

8087, 8091, 8092,

6115, 6127, 6143, 6142, 6842, 5872, 5871, 6845, 5942, 6843, 6844, 3600, 4997, 5259, 5260,
5261, 9462, 9180, 9181, 9183, 9208, 9209, 9210, 10043, 10041, 10415, 10414, 10413, 10412,
10409, 10407, 10406, 10306, 10305, 8568, 8920, 8907, 8908, 8914, 8909

by adopting the proposed resolutions in 11-16-1476r21.

9.1.18.1 Moved by Matthew Fischer, Seconded by Sean Coffey.

9.1.18.2 A member requested vote count.

9.1.18.3 Result: Y/N/A = 31/4/21, motion passes.

9.1.19 CR Motion #250: Move to accept resolution to CID; 6768 by adopting the proposed resolutions in 11-17-0500r0.

9.1.19.1 Moved by Sean Coffey, Seconded by George Cherian.

9.1.19.2 A member requested vote count.

9.1.19.3 Result: Y/N/A = 33/4/17, motion passes.

9.2 TG Motions

9.2.1 A member mentioned 17/292r2 (Re: CR Motion #210) is a wrong document.

9.2.2 WG vice chair suggested motion to reconsider CR Motion #210.

9.2.3 Motion to reconsider CR Motion #210

9.2.3.1 Moved by Jon Rosdahl, Seconded by Al Petrick.

9.2.3.2 Result: Motion to reconsider CR Motion #210 passes with no objection.

9.2.3.3 Back to the CR Motion #210.

9.2.4 CR Motion #210: Move to accept resolutions to the following CIDs and the corresponding spec text modification as in 11-17/0232r3.

CIDs: 5101, 5102, 5103, 5297, 5298, 5299, 7513, 8848, 8849, 8850, 8851, 8852, 8853, 8854, 8855, 8856, 8857, 8858, 8985, 9158, 9159, 9160, 9166, 9167, and 10114.

9.2.4.1 Moved by Jon Rosdahl, Seconded by Al Petrick.

9.2.4.2 Discussion:

9.2.4.3 Motion to table this motion

9.2.4.3.1 Moved by Jon Rosdahl, Seconded by Al Petrick.

9.2.4.3.2 Discussion:

9.2.4.3.2.1 Q: Table to when? → Conference call.

9.2.4.3.3 Result: Motion to table passes with no objection.

10 Timeline update

- 10.1 Proposed modification to the current timeline.
 - 10.1.1 May 2014: start of the TG
 - 10.1.2 Nov. 2014: First draft of the TG SFD was approved
 - 10.1.3 Jan. 2016: proposed TG draft
 - 10.1.4 March 2016: Draft D0.1 was approved and CC started
 - 10.1.5 November 2016: Draft 1.0 and WG letter ballot
 - 10.1.6 September 2017: Draft 2.0 and recirculation
 - 10.1.7 May 2018: MDR (Mandatory Document Review)
 - 10.1.8 May 2018: Formation of SB pool
 - 10.1.9 November 2018: Sponsor Ballot
 - 10.1.10 July 2019: RevCom

11 Goals for the May 2017

- 11.1 Continue with the comment resolution and development of the TG draft.

12 Ad Hoc Meeting

- 12.1 After some discussions, PHY ad hoc decided to have a 1-day ad hoc meeting on Friday.

12.2 Motion: Authorize TGax to hold an ad-hoc meeting on May 3-5 in Seoul, Korea, for the purpose of working on comment resolution.

12.2.1 Moved by Hongyuan Zhang, Seconded by Bo Sun.

12.2.2 Result: Y/N/A = 20/2/9, motion passes.

13 Conference Calls

- 13.1 Already approved.
 - 13.1.1 Thursday, March 30th, 2017: 10:00-12:00 (ET)
 - 13.1.2 Thursday, March 23rd, April 6th, 2017: 20:00-22:00 (ET)
- 13.2 New calls:
 - 13.2.1 Thursday, April 13th, 27th, May 25th, 2017: 10:00 – 12:00 (ET)
 - 13.2.2 Thursday, April 20th, May 18th, 2017: 20:00 – 22:00 (ET)
- 13.3 Chair asked if there is any objection to this plan. → No objection.
- 13.4 The above plan will be approved during the WG closing plenary tomorrow.

14 Motion from the floor

- 14.1 A member proposed a motion to adjourn.
- 14.2 Move to adjourn TGax Meeting for the week.
 - 14.2.1 Moved by Bin Tian, Seconded by David Xun Yang.
 - 14.2.2 Result: Y/N/A = 47/3/1, motion passes.

15 Adjournment

- 15.1 TGax adjourned for the week @ 16:42.