IEEE P802.11  
Wireless LANs

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| IEEE 802.11 TGax, MU Ad hoc  November 2016 TGax Meeting Minutes | | | | |
| Date: 2016-11-09 | | | | |
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Abstract

The meeting minutes from the MU Ad Hoc group meeting of TGax in the IEEE 802.11 San Antonio session November 7th – 11th, 2016.

**IEEE 802.11 Task Group ax, MU Ad hoc**

**San Antonio, TX, US**

**November 7th – 11th, 2016**

**MU Adhoc Session #1**

**Monday, November 7th, 2016, PM3 TGax Session (7:30 – 9:30)**

1. **The meeting called to order by Sigurd Schelstraete (Quantenna), the co-chair of the TGax MU Ad hoc**
2. **Announcement**
   1. Agenda Document 11-16/1487r0 is on the server.
   2. Meeting Protocol: The Chair asked to state name and affiliation when speaking for the first time.
   3. Attendance reminder.
      1. The attendance server: https://imat.ieee.org/
3. **The chair reviewed the mandatory slides of P&P.**
   1. Instructions from the WG Chair. [reviewed~~, did not review~~]
   2. Participants, Patents, and Duty to Inform. [reviewed~~, did not review~~]
   3. Patent Related Links. [reviewed, ~~did not review~~]
   4. Call for potentially essential patents.
      1. Chair asked if anyone is aware of potentially essential patents

[Asked. ~~Did not ask~~]

* + 1. Potentially essential patents

[None reported. ~~Reported as follows~~]

* 1. Other Guidelines for IEEE WG Meetings.

1. **The Chair identified 12 presentations assigned by the TGax chair to be treated in MU Ad hoc**
   1. 11-16/1357 to be moved from MU adhoc to MAC adhoc
   2. No new presentations, other than those listed in the agenda, were requested.
2. **The Chair asked for approval of the agenda**
   1. No objection raised
3. **Presentation of contributions**
   1. **11-16-1353-00-00ax-cc23-mac-cr-miscellaneous-part-2 (2 CIDs)**

* **SP: Do you agree with the resolution of CIDs 2490 and 2505 as proposed in 802.11-16/1353r1:**

**No objection.**

**SP passes**

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| * 1. **11-16/1361r0** | **CC0- Remaining CIDs on MU Operation (18 CIDs)** |
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* **SP: Do you agree with the resolution of CIDs 37, 38, 171, 759, 761, 763, 764, 815, 950, 1219, 1540, 2273, 2320, 2449, 2467, 2636, 2656 and 2910 as proposed in 802.11-16/1361r1:**

**No objection.**

**SP passes**

* 1. **11-16/1382r1 (11-16/1383r2) MAC support of preamble puncture**
* **SP: Do you support to update the 11ax draft specification D0.5 according to editor instruction in document 802.11-16/1383r2**
  + **A HE AP transmits a new trigger variant (Bandwidth Query Report Poll) to solicit bandwidth Query Report from one or multiple HE non AP STAs**
  + **A HE non AP STA after receiving Bandwidth Query Report Poll from a HE AP responds with channel availability information in a new A-control field (Bandwidth Query Report)**
  + **It is optional for a non AP STA to support the Bandwidth Query mechanism**

**Y/N/A: 19/0/3**

**SP passes**

* 1. **11-16/1391r0 comment-resolution-random-access-miscellaneous (3 CIDs)**
* **SP: Do you agree with the resolution of CIDs 59, 2652 and 2653 as proposed in 802.11-16/1391r0:**

**No objection.**

**SP passes**

* 1. **11-16/1392r0 comment-resolution-CID-2624-and-2738 (2 CIDs)**
* **SP: Do you agree with the resolution of CIDs 2624 and 2738 as proposed in 802.11-16/1392r0:**

**SP deferred**

1. **The chair recessed the session at 9:29 pm**

**MU Adhoc Session #2**

**Tuesday, November 8th, 2016, PM2 TGax Session (4:00 – 6:00 PM)**

1. **The meeting called to order by Sigurd Schelstraete (Quantenna), the co-chair of the TGax MU Ad hoc**
2. **Announcement**
   1. Agenda Document 11-16/1487r0 is on the server.
   2. Meeting Protocol: The Chair asked to state name and affiliation when speaking for the first time.
   3. Attendance reminder.
      1. The attendance server: https://imat.ieee.org/
3. **The chair reviewed the mandatory slides of P&P.**
   1. Instructions from the WG Chair. [reviewed~~, did not review~~]
   2. Participants, Patents, and Duty to Inform. [reviewed~~, did not review~~]
   3. Patent Related Links. [reviewed, ~~did not review~~]
   4. Call for potentially essential patents.
      1. Chair asked if anyone is aware of potentially essential patents
         * + [Asked. ~~Did not ask~~]
      2. Potentially essential patents
         * + [None reported. ~~Reported as follows~~]
   5. Other Guidelines for IEEE WG Meetings.
4. **The Chair identified the number of presentations to be treated in MU Ad hoc**
   1. **11-16/1426 withdrawn**
   2. **11-16/1516 added to the agenda**
5. **The Chair asked for approval of the agenda**
   1. No objection raised
6. **Presentation of contributions**
   1. **11-16/1392r0 comment-resolution-CID-2624-and-2738 (2 CIDs)**

* **SP: Do you agree to approve resolutions of CIDs, 2624 and 2738 as proposed in doc. 11-16/1392r0:**

**No objection.**

**SP passes**

* 1. **11-16/1389r0 Comment Resolution for CID 807 (1 CID)**
* **SP: Do you agree with the resolution of CID 807 as proposed in 802.11-16/1389r0:**

**No objection.**

**SP passes**

* 1. **11-16/1390r0 Spec Text: Revision for NAV Setting Rule under Immediate Response**
* **SP: Do you agree with the proposed changes to D0.5 in 802.11-16/1390r0:**

**No objection.**

**SP passes**

* 1. **11-16/1441r1 Consideration on Internal Contention Between Data and Trigger Frame**

**• SP: Which of the following options in 11-16/1441r0 do you prefer to**

* + - * + **Option 1: As described in page 4**
        + **Option 2: As described in page 5**
        + **Option 3: As described in page 6**
        + **Option 4: as in D0.5 (no changes)**

**Option1/Option2/Option3/Option4: 0/1/8/22**

**SP For information only**

* 1. **11-16/1457r3 11ax D0.1 Comment Resolution for Clause 25.5.3 (10 CIDs)**
* **SP: Do you agree with the resolution of CIDs 53, 54, 56, 57, 604, 1553, 1554, 1555, 1557 and 2655 as proposed in 802.11-16/1457r3:**

**No objection.**

**SP passes**

* 1. **11-16/1516r1 Random Access CIDs (2 CIDs)**
* **SP: Do you agree with the resolution of CIDs 46 and 50 as proposed in 802.11-16/1516r1:**

**10Y/3N/16**

**SP passes**

1. **The chair adjourned the session at 5:41 pm**