IEEE P802.11  
Wireless LANs

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| TGaz Teleconference Minutes  May 29th, 2019 | | | | |
| Date: 2019-04-24 | | | | |
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Abstract

Minutes for the TGaz Teleconference: 29th May, 2019.

**IEEE 802.11 Task Group AZ**

**May 29th, 2019**

1. **TGaz – 29th May, 2019** 
   1. Called to order by TGaz Chair, Jonathan Segev (Intel Corporation) and Vice Chair, Roy Want (Google) Secretary/Techical Co-Editor, at **10am PT,**
   2. Agenda Doc. **IEEE 802.11-19/949r1 (in progress - slide 14)**
   3. Review Patent Policy and logistics
      1. Chair reviewed the IEEE-SA Patent Policy, additional guidelines about IEEE-SA meeting and logistics – no clarifications requested.
      2. Chair called for any potentially essential patents, no one spoke up.
      3. Chair reviewed IEEE 802 WG participation as an individual professional, and anti-trust requirements – no clarification requested.
      4. Chair reminded all participants that they could record their attendance by email to the secretary (optional)
      5. Recorded Participation requirement
         1. Any questions comments or feedback – none
         2. Headcount: ~20 participants on telecon.
   4. Agenda
      1. Reviewed the proposed agenda
      2. Proposed Time setting:   
         **11-19/470** (30 mins), **11-19/466** (30 mins), **11-19/886** (defer) **11-19/883** (defer)
      3. Chair called for any additional feedback and changes to agenda: None
   5. Liwen Chu (Marvell) presented document **11-19/470r1.**
      1. **Title**: TB NDP Ranging Synchronization
      2. **Summary:** This submission proposes the text for TB NDP ranging synchronization. Revisions: **R0**: Initial text of TSF synchronization in TB NDP.

**R1**: Partial TSF time in Ranging NDP Announcement is changed to 16 bits TSF[21:6]. The adjustment of TSF[63:22] of ISTA is added

Clarify that the TSF[21:6] in Partial TSF is the start time when RSTA transmits PSDU with Trigger Poll.

* + 1. C. Raising concern that whatever TSF value is chosen we will not be able to maintain synchronization.
    2. **Chair**: Due to connectivity problems we will defer and move to **11-19/466r2**

* 1. Ganesh Vangesan (Intel) presented document **11-19/466r2.**
     1. **Title**: Resolutions to a few LB240 comments relative to IEEE 802.11 REVmd D2.0 and P802.11az D1.0
     2. **Summary:** This submission proposes resolutions to the following LB240 CIDs 1026, 1099, 1235, 1883, 1923, 2223, 2235, 2253, 2335, 2339, 2451 and 1593.
     3. C. I noticed in this document and in **11-19/718**, additional frames need to be protected: Public Action Frames (9.6.10) and SA QUERY(9.6.9).
     4. R. Happy to adopt these changes (updated on page 3).
     5. C. Existing FTM frames in 11REVmc are not dual protected. We need to address it here. It also needs to include EDMG etc.
     6. R. Recommendation – see the note added to resolve this for TB and non-TB frames. We still need a note for EDMG – so will do that in the future.
     7. C. Ready for a Strawpoll? R. Yes
     8. C. Take one of the CIDs out so we can address the text later.
     9. R. Strawpoll? – decision not to hold it at this time

* 1. Any other business (AOB)?
     1. **None**
  2. **Telecon ended at 10.55am PT.**

**References:**

* <https://mentor.ieee.org/802.11/dcn/19/11-19-0949-01-00az-tgaz-may-2-july-telecon-agenda.pptx>
* <https://mentor.ieee.org/802.11/dcn/19/11-19-0470-01-00az-tb-ndp-ranging-synchronization.docx>
* <https://mentor.ieee.org/802.11/dcn/19/11-19-0466-02-00az-resolutions-to-a-few-lb240-comments.docx>
* <https://mentor.ieee.org/802.11/dcn/19/11-19-0886-00-00az-cr-for-section-11-22-6-4-4-cid-2337-2338.docx>
* <https://mentor.ieee.org/802.11/dcn/19/11-19-0883-00-00az-adding-dialog-token-in-ranging-trigger-frames.doc>