IEEE P802.11  
Wireless LANs

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| September 2023 Interim minutes | | | | |
| Date: 2023-09-11 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Dibakar Das | Intel |  |  | Dibakar.das@intel.com |

Abstract

This document contains TGbk September 2023 Interim minutes

1. **TGbk – September 11th, 2023**
   1. Called to order by Ali Raissinia (Qualcomm) on behalf of chair Jonathan Segev (Intel Corporation) at **1:41 EST.** Agenda Doc. **[IEEE 802.11-](https://mentor.ieee.org/802.11/dcn/23/11-23-1334-01-00bk-tgbk-sep-meeting-agenda.pptx)** [1334](https://mentor.ieee.org/802.11/dcn/23/11-23-1334-01-00bk-tgbk-sep-meeting-agenda.pptx)**[/r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1334-01-00bk-tgbk-sep-meeting-agenda.pptx) (in progress - slide 1)**
   2. Review Patent Policy and logistics
      1. Chair reviewed meeting logistics and the duty to register if one is present at the meeting
      2. Chair reviewed the IEEE-SA Patent Policy, duty to inform, the guideline for IEEE WG meetings and logistics – no clarifications requested.
      3. Chair called for any potentially essential patents, no one stepped forward
      4. Chair reminded participants to register their attendance using imat.
      5. Chair reviewed other guidelines for IEEE meetings, including Antitrust and competition laws, provided link to patent-related information asked if any clarifications are requested, no one stepped forward.
      6. Chair reviewed IEEE copyright policy, – no clarification requested
      7. Chair reviewed IEEE code of ethics and WG participation as an individual professional. – no clarification requested
      8. Chair reviewed IEEE-SA standards ByLaws
      9. Chair reviewed IEEE 802 ground rules
      10. Chair reminded audience again about attendance.
   3. Agenda for the week
      1. Approval of previous meeting minutes and motion from draft text meeting threshold (15min)
      2. Review draft status (5min)
      3. Review technical submission.
      4. Review proposed draft text.
      5. Review progress made during the week – 5 min special order
      6. Review program timelines – 15 min special order
      7. Review and setup telecon plan – 5 min special order
      8. Review submission pipeline – 5 min special order
   4. Agenda for September 11th meeting
      1. Approval of previous meeting minutes
      2. Review proposed draft text.
         1. 11-23-1421 - 11bk Spec Text for MLD handling – Yanjun Sun
   5. Motion to approve previous meeting minutes
      1. Motion 202309-02

Move to approve document 11-23/1557r0 as TGbk telecons running between Aug. 1st to Aug. 29th.

Moved by: Dibakar Das

Seconded by: Roy Want

Approved by Unanimous Consent

1.5.2 Motion 202309-01

Move to approve document 11-23/1324r0 as TGbk meeting minutes for the 2023 July IEEE meeting week.

Moved by: Dibakar Das

Seconded by: Christian Berger

Approved by Unanimous Consent

* 1. Yanjun Sun presented 11-23-1421
     1. Title: 11bk spec text for MLD handling
     2. C: Seems like current definition already disallows inclusion of ML element.
     3. R: Since Action frame can include any element, without this text this behavior is feasible.
     4. C: does it imply that from negotiation and during measurement, there is no MLO ?
     5. R: we are saying that negotiation is performed at link-level.
     6. C: is it allowed to switch links within the 10ms interval from unassociated case ?
     7. R: no for unassociated. yes, for associated case.
     8. C: ask to defer this
     9. R: clarified that for both associated and unassociated case, the IFTMR, IFTM frames are sent on same link in which measurement is performed.

* 1. Recess at 2:19 PM PST.

1. **TGbk – September 12th, 2023**
   1. Called to order by TGbk Acting Chair, Ali Raissinia (QC) at **10:30 AM EST.**
   2. Agenda Doc. **[IEEE 802.11-1334/r1](https://mentor.ieee.org/802.11/dcn/23/11-23-0989-01-00bk-tgbk-july-meeting-agenda.pptx) (in progress - slide 1)**
   3. Review Patent Policy and logistics
      1. Chair reviewed meeting logistics and the duty to register if one is present at the meeting.
      2. Reminder to log attendance
      3. Chair reminded audience of the IEEE-SA Patent Policy, duty to inform, the guideline for IEEE WG meetings and logistics – no clarifications requested.
      4. Chair reminded about other guidelines for IEEE meetings, antitrust and competition laws, provided link to patent-related information asked if any clarifications are requested, no one stepped forward.
      5. Chair called for any potentially essential patents, no one stepped forward.
      6. Chair reminded IEEE copyright policy, – no clarification requested.
      7. Chair reminded IEEE code of ethics and reviewed WG participation as an individual professional. – no clarification requested
      8. Chair reviewed IEEE-SA standards ByLaws about fair and equitable consideration of viewpoints.
      9. Chair reviewed IEEE 802 ground rules
   4. Agenda
      1. Review technical submission towards amendment text (as time permits):
         1. 11-23-1421 - 11bk Spec Text for MLD handling – Yanjun Sun
      2. Agenda approved.
   5. Yanjun presented 11-23-1421r0
      1. Title - 11bk Spec Text for MLD handling
      2. C: when AP sends IFTM, client’s radio may not be on same link e.g., in EMLSR case.
      3. R: agree. For EMLSR case, AP follows baseline 11be rules. So, it will send ICF before FTM.
      4. C: how do you address the EMLSR case for measurement exchange ?
      5. R: removed corresponding text for now pending further discussion.
      6. C: How to handle unassociated case ?
      7. R: follow baseline rules.
      8. C: why have restriction on which link to send IFTM frame ? can be based off just where the request frame was sent.
      9. R: the intention is to follow baseline 11az behavior. Allowing cross-link mgt frame would need to add linkID. Not much technical benefit.
      10. C: regarding ICF with EMLSR, regardless of 11bk, there are 11be devices that also implement 11az. Need more discussion on this later.
      11. C: is per-link based Mgt frame really handled per-link ?
      12. R: there are already non-ranging Mgt frames that are specified to be per-link in 11be.
      13. C: think that ranging Mgt frames need protection, need more careful check.
      14. C: the frames listed in 11be as to be per-link deal with some activity on a particular link. LMR functionality is similar in that respect. Does termination using IFTM also happen on same link ?
      15. R: yes, termination would happen on same link too.
      16. Defer till tomorrow.
   6. Adjourned at 11:26 AM EST

1. **TGbk – September 13th, 2023**
   1. Called to order by TGbk Acting Chair, Ali Raissinia (QC) at **4:08 PM EST.**
   2. Agenda Doc. **[IEEE 802.11-1334/r1](https://mentor.ieee.org/802.11/dcn/23/11-23-0989-01-00bk-tgbk-july-meeting-agenda.pptx) (in progress - slide 1)**
   3. Review Patent Policy and logistics
      1. Chair reviewed meeting logistics and the duty to register if one is present at the meeting.
      2. Reminder to log attendance
      3. Chair reminded audience of the IEEE-SA Patent Policy, duty to inform, the guideline for IEEE WG meetings and logistics – no clarifications requested.
      4. Chair reminded about other guidelines for IEEE meetings, antitrust and competition laws, provided link to patent-related information asked if any clarifications are requested, no one stepped forward.
      5. Chair called for any potentially essential patents, no one stepped forward.
      6. Chair reminded IEEE copyright policy, – no clarification requested.
      7. Chair reminded IEEE code of ethics and reviewed WG participation as an individual professional. – no clarification requested
      8. Chair reviewed IEEE-SA standards ByLaws about fair and equitable consideration of viewpoints.
      9. Chair reviewed IEEE 802 ground rules
   4. Agenda
      1. Review technical submission towards amendment text (as time permits):
         1. 11-23-1626 – Diverse PHY changes for 320 MHz Ranging– Christian Berger
      2. Progress made during the week
      3. Review timelines
      4. Schedule telecons
      5. Agenda approved.
   5. Christian Berger presented 11-23-1626r1
      1. Title – Diverse PHY Changes for 320 MHz Ranging
      2. C: since we don’t support EHT waveforms for under 320 MHz, the text for < 320 MHz cases is not needed.
      3. C: The PAR and CSD is also focused on 320 MHz.
      4. C: Why is DCM not mentioned ?
      5. R: EHT PPDU doesn’t have DCM.
      6. Motion (202309-03):
      7. Move to adopt 11-23-1626r1 to the 802.11bk draft, instruct the technical editor to incorporate it in the 802.11bk draft amendment text and grant editorial rights to the technical editor.

Moved: Christian Berger

Second: Roy Want

Motion approved with unanimous consent.

* 1. Progress made during the week:
     1. Continue discussion on 1421 and puncture modes on conference calls.
  2. Scheduled telecons
  3. Sep. Meeting progress and Targets
     1. C: are we still ready for initial WG ballot out of Nov meeting ?
     2. R: yes because we don’t have any TBD or TBC.
  4. Adjourned at 5:01 PM EST