IEEE P802.11  
Wireless LANs

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| TGbe January 2021 to March 2021 teleconference agendas | | | | | |
| Date: 2020-12-01 | | | | | |
| Author(s): | | | | | |
| Name | Affiliation | Address | Phone | email |
| Alfred Asterjadhi | Qualcomm Inc. | 5775 Morehouse Dr, San Diego, CA 92109 | +1-858-658-5302 | aasterja@qti.qualcomm.com |
| Liwen Chu | NXP |  |  | liwen.chu@nxp.com |
| Jeongki Kim | LG Electronics |  |  | jeongki.kim@lge.com |
| Sigurd Schelstraete | Quantenna/ON Semiconductor |  |  | sschelstraete@quantenna.com |
| Tianyu Wu | Apple |  |  | tianyu@apple.com |

Abstract

This document contains the draft agenda for January 2021 to March 2021 TGbe teleconferences.

Revisions:

* Rev 0: Initial version of the document.
* Rev 1: Contains telco plan between January and March.

|  |  |
| --- | --- |
| **TG Chair:** Alfred Asterjadhi (Qualcomm Inc) | |
| **1st Vice Chair:** Laurent Cariou (Intel) | **2nd Vice Chair:** Matthew Fischer (Broadcom) |
| **Secretary:** Dennis Sundman (Ericsson) | **Technical Editor:** Edward Au (Huawei) |
| **PHY Ad-Hoc Chair:**Sigurd Schelstraete (Quantenna)  **PHY Ad-Hoc Chair:**Tianyu Wu (Apple) | **MAC Ad-Hoc Chair:**Jeongki Kim (LGE)  **MAC Ad-Hoc Chair:**Liwen Chu (NXP) |

## TGbe uses WebEx for its Telecons:

* Please identify yourself when Joining, by filling in your name and affiliation:
  + Also please precede your name and affiliation with your voting status:
    - (V=Voter, N= Non-Voter, P=Potential Voter, A=Aspirant Voter)
  + Format for overall participant’s detail: “[V] John Doe (Affiliation)”

## Teleconferences Overview

TGbe will hold **TBD** teleconferences up to March 13th for discussing technical presentations:

## Teleconferences Plan for January to March

* **Jan 11 Monday – MAC/PHY 19:00-21:00 ET**
* **Jan 13 Wednesday – MAC/PHY 09:00-11:00 ET**
* **Jan 14 Thursday – Joint (Motions) 09:00-11:00 ET**
* **Jan 18 Monday – MAC/PHY 10:00-12:00 ET**
* **Jan 20 Wednesday – Joint 10:00-12:00 ET**
* **Jan 21 Thursday – MAC/PHY 19:00-21:00 ET**
* **Feb 01 Monday – MAC/PHY 19:00-21:00 ET**
* **Feb 03 Wednesday – Joint (Motions) 10:00-12:00 ET**
* **Feb 04 Thursday – MAC/PHY 10:00-12:00 ET**
* **Feb 08 Monday – MAC/PHY 10:00-12:00 ET**
* **Feb 10 Wednesday – Joint 10:00-12:00 ET**
* **Feb 11 Thursday – No Conf Call Holiday**
* **Feb 15 Monday – No Conf Call Holiday**
* **Feb 17 Wednesday – No Conf Call Holiday**
* **Feb 18 Thursday – MAC/PHY 10:00-12:00 ET**
* **Feb 22 Monday – MAC/PHY 10:00-12:00 ET**
* **Feb 24 Wednesday – Joint (Motions) 10:00-12:00 ET**
* **Feb 25 Thursday – MAC/PHY 19:00-21:00 ET**
* **Mar 01 Monday – MAC/PHY 19:00-21:00 ET**
* **Mar 03 Wednesday – Joint 10:00-12:00 ET**
* **Mar 04 Thursday – MAC/PHY 10:00-12:00 ET**
* **Mar 08 Monday – MAC/PHY 10:00-12:00 ET**
* **Mar 10 Wednesday – Joint 10:00-12:00 ET**
* **Mar 11 Thursday – MAC/PHY 19:00-21:00 ET**
* **Year in China, Taiwan, and Singapore is from February 11 to February 17, 2021. It is FYI for your future conference call planning :)**

**We’ll use the following bridges:**

* Bridge for **JOINT and MAC: Webex meeting (802 Seat 3):** See *e-mail sent to reflector*
  + Meeting number: *Please refer to e-mail sent to reflector.*
  + Meeting password: wireless
* Bridge for **PHY:** **Webex meeting (802 Seat 4):** See *e-mail sent to reflector.*
  + Meeting number: *Please refer to e-mail sent to reflector.*
  + Meeting password: wireless

## Deferred SPs List

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DCN** | **Title** | **Author** | **Status** | **Topic** | **Session** |
|  |  |  |  |  | MAC |
|  | | | | | |
|  |  |  |  |  | PHY |

## Back-Logged Technical Presentations’ List

* submissions in the Joint queue
* submissions in the MAC queue
* submissions in the PHY queue

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DCN** | **Title** | **Author** | **Status** | **Topic** | **Session** |
|  |  |  |  |  | Joint |
| End of Joint Queue | | | | | |
|  |  |  |  |  | MAC |
| End of MAC Queue | | | | | |
|  |  |  |  |  | PHY |
| End of PHY Queue | | | | | |

## New Technical Presentations’ List

* submissions in the Joint queue
* submissions in the MAC queue
* submission in the PHY queue

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DCN** | **Title** | **Author** | **Status** | **Topic** | **Session** |
|  |  |  |  |  | Joint |
| Requests Received after the Call For Submissions of January | | | | | |
|  |  |  |  |  | Joint |
| End of Joint Queue | | | | | |
|  |  |  |  |  | MAC |
| Requests Received after the Call For Submissions of January | | | | | |
|  |  |  |  |  | MAC |
| End of MAC Queue | | | | | |
|  |  |  |  |  | PHY |
| End of PHY Queue | | | | | |

## Order of Topics

### Joint

* **.**

### MAC

* .

### PHY

* .

## Proposed Draft Text List

* submissions in the Joint queue
* submissions in the MAC queue
* submission in the PHY queue

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DCN** | **Title** | **Author** | **Status** | **Type (# TBDs)** | **Session** |
|  |  |  |  |  | Joint |
| End of Joint Queue | | | | | |
|  |  |  |  |  | MAC |
| End of MAC Queue | | | | | |
|  |  |  |  |  | PHY |
| End of PHY Queue | | | | | |
| Q4M: Queued for Motion; | | | | | |

## Location and Number of TBDs

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **D0.1** | **D0.2** | **D0.3** | **D0.4** | **D1.0** |
| **Clause 3** | 1 | 1 |  |  |  |
| **Clause 4** | 0 | 0 |  |  |  |
| **Clause 6** | 0 | 8 |  |  |  |
| **Clause 9** | 33 | 36 |  |  |  |
| **Clause 10** | 0 | 0 |  |  |  |
| **Clause 11** | 0 | 0 |  |  |  |
| **Clause 12** | 6 | 6 |  |  |  |
| **Clause 26** | 0 | 0 |  |  |  |
| **Clause 35** | 55 | 45 |  |  |  |
| **Clause 36** | 680 | 456 |  |  |  |

## Teleconference Agendas

### 1st Conf. Call: January 11 (19:00–21:00 ET)–PHY

* Call the meeting to order
* IEEE 802 and 802.11 IPR policy and procedure
  + **Patent Policy: Ways to inform IEEE:**
    - Cause an LOA to be submitted to the IEEE-SA ([patcom@ieee.org](mailto:patcom@ieee.org)); or
    - Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
    - Speak up now and respond to this Call for Potentially Essential Patents

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair

* + **Patent, Participation and policy related subclause:** Please refer to Patent And Procedures
* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com)) and Sigurd Schelstraete ([sschelstraete@quantenna.com](mailto:sschelstraete@quantenna.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics**
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
* Technical Submissions:
* AoB:
* Recess

### 1st Conf. Call: January 11 (19:00–21:00 ET)–MAC

* Call the meeting to order
* IEEE 802 and 802.11 IPR policy and procedure
  + **Patent Policy: Ways to inform IEEE:**
    - Cause an LOA to be submitted to the IEEE-SA ([patcom@ieee.org](mailto:patcom@ieee.org)); or
    - Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
    - Speak up now and respond to this Call for Potentially Essential Patents

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair

* + **Patent, Participation and policy related subclause:** Please refer to Patent And Procedures
* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Jeongki Kim ([jeongki.kim@lge.com](mailto:jeongki.kim@lge.com)) and Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
* Technical Submissions:
* AoB:
* Recess

### 2nd Conf. Call: January 13 (09:00–11:00 ET)–PHY

* Call the meeting to order
* IEEE 802 and 802.11 IPR policy and procedure
  + **Patent Policy: Ways to inform IEEE:**
    - Cause an LOA to be submitted to the IEEE-SA ([patcom@ieee.org](mailto:patcom@ieee.org)); or
    - Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
    - Speak up now and respond to this Call for Potentially Essential Patents

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair

* + **Patent, Participation and policy related subclause:** Please refer to Patent And Procedures
* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com)) and Sigurd Schelstraete ([sschelstraete@quantenna.com](mailto:sschelstraete@quantenna.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics**
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
* Technical Submissions:
* AoB:
* Recess

### 2nd Conf. Call: January 13 (09:00–11:00 ET)–MAC

* Call the meeting to order
* IEEE 802 and 802.11 IPR policy and procedure
  + **Patent Policy: Ways to inform IEEE:**
    - Cause an LOA to be submitted to the IEEE-SA ([patcom@ieee.org](mailto:patcom@ieee.org)); or
    - Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
    - Speak up now and respond to this Call for Potentially Essential Patents

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair

* + **Patent, Participation and policy related subclause:** Please refer to Patent And Procedures
* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Jeongki Kim ([jeongki.kim@lge.com](mailto:jeongki.kim@lge.com)) and Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
* Technical Submissions:
* AoB:
* Recess

### 3rd Conf. Call: January 14 (09:00–11:00 ET)–JOINT

* Call the meeting to order
* IEEE 802 and 802.11 IPR policy and procedure
  + **Patent Policy: Ways to inform IEEE:**
    - Cause an LOA to be submitted to the IEEE-SA ([patcom@ieee.org](mailto:patcom@ieee.org)); or
    - Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
    - Speak up now and respond to this Call for Potentially Essential Patents

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair

* + **Patent, Participation and policy related subclause:** Please refer to Patent And Procedures
* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Dennis Sundman ([dennis.sundman@ericsson.com](mailto:dennis.sundman@ericsson.com)) and Alfred Asterjadhi ([aasterja@qti.qualcomm.com](mailto:aasterja@qti.qualcomm.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
* Technical Submissions:
* **Motions (concentrated within the second 60 mins of the call)**
* AoB:
* Recess

## TGbe Guidelines document

* <https://mentor.ieee.org/802.11/dcn/20/11-20-0984-01-00be-tgbe-teleconference-guidelines.docx>

===========================================================================

## Patent And Procedures

### Patent-related information

The patent policy and the procedures used to execute that policy are documented in the:

* IEEE-SA Standards Board Bylaws

(<http://standards.ieee.org/develop/policies/bylaws/sect6-7.html#6>)

* IEEE-SA Standards Board Operations Manual (<http://standards.ieee.org/develop/policies/opman/sect6.html#6.3>)

Material about the patent policy is available at <http://standards.ieee.org/about/sasb/patcom/materials.html>

**If you have questions, contact the IEEE-SA Standards Board Patent Committee Administrator at** [**patcom@ieee.org**](mailto:patcom@ieee.org)

### Participation in IEEE 802 Meetings

All participation in IEEE 802 Working Group meetings is on an individual basis

* Participants in the IEEE standards development individual process shall act based on their qualifications and experience. ([https://standards.ieee.org/develop/policies/bylaws/sb\_bylaws.pdfsection 5.2.1](https://standards.ieee.org/develop/policies/bylaws/sb_bylaws.pdfsection%205.2.1))
* IEEE 802 Working Group membership is by individual; “Working Group members shall participate in the consensus process in a manner consistent with their professional expert opinion as individuals, and not as organizational representatives”. (subclause 4.2.1 “Establishment”, of the IEEE 802 LMSC Working Group Policies and Procedures)
* Participants have an obligation to act and vote as an individual and not under the direction of any other individual or group. A Participant’s obligation to act and vote as an individual applies in all cases, regardless of any external commitments, agreements, contracts, or orders.
* Participants shall not direct the actions or votes of any other member of an IEEE 802 Working Group or retaliate against any other member for their actions or votes within IEEE 802 Working Group meetings, see <https://standards.ieee.org/develop/policies/bylaws/sb_bylaws.pdf> section 5.2.1.3 and the IEEE 802 LMSC Working Group Policies and Procedures, subclause 3.4.1 “Chair”, list item x.

By participating in IEEE 802 meetings, you accept these requirements. If you do not agree to these policies then you shall not participate.

(Latest revision of IEEE 802 LMSC Working Group Policies and Procedures: <http://www.ieee802.org/devdocs.shtml> and Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-03-00EC-ieee-802-participation-slide.ppt>)

### Other guidelines for IEEE WG meetings

* All IEEE-SA standards meetings shall be conducted in compliance with all applicable laws, including antitrust and competition laws.
  + Don’t discuss the interpretation, validity, or essentiality of patents/patent claims.
  + Don’t discuss specific license rates, terms, or conditions.
    - Relative costs of different technical approaches that include relative costs of patent licensing terms March be discussed in standards development meetings.
      * Technical considerations remain the primary focus
  + Don’t discuss or engage in the fixing of product prices, allocation of customers, or division of sales markets.
  + Don’t discuss the status or substance of ongoing or threatened litigation.
  + Don’t be silent if inappropriate topics are discussed … do formally object.

---------------------------------------------------------------

For more details, see IEEE-SA Standards Board Operations Manual, clause 5.3.10 and   
Antitrust and Competition Policy: What You Need to Know at <http://standards.ieee.org/develop/policies/antitrust.pdf>

Teleconferences (and ad-hocs) are subject to applicable policies and procedures, see below.

==================================================

Teleconferences are subject to applicable policies and procedures, see below.

**IEEE Code of Ethics**

<http://www.ieee.org/about/corporate/governance/p7-8.html>

**IEEE Standards Association (IEEE-SA) Affiliation FAQ**

<http://standards.ieee.org/faqs/affiliation.html>

**Antitrust and Competition Policy**

<http://standards.ieee.org/resources/antitrust-guidelines.pdf>

**Letter of Assurance Form**

[http://standards.ieee.org/develop/policies/bylaws/sect6-7.html#loa](http://standards.ieee.org/develop/policies/bylaws/sect6-7.html)

[https://development.standards.ieee.org/myproject/Public//mytools/mob/loa.pdf](http://standards.ieee.org/board/pat/pat-slideset.ppt)

**IEEE-SA Patent Committee FAQ & Patent slides**

<http://standards.ieee.org/board/pat/faq.pdf> and <http://standards.ieee.org/board/pat/pat-slideset.ppt>

**The current version of the IEEE-SA Standards Board Bylaws is available at:**

<http://standards.ieee.org/develop/policies/bylaws/sb_bylaws.pdf> (PDF version)

**The current version of the IEEE-SA Standards Board Operations Manual is available at:**

<http://standards.ieee.org/develop/policies/opman/sb_om.pdf> (PDF version)

**IEEE 802 Policies & Procedures (Approved June 2014)**

<http://standards.ieee.org/board/aud/LMSC.pdf>

**IEEE 802 Operations Manual (Approved 13 July 2018)**

<https://mentor.ieee.org/802-ec/dcn/17/ec-17-0090-22-0PNP-ieee-802-lmsc-operations-manual.pdf>

**IEEE 802 Working Group Policies & Procedures (29 July 2016)**

<http://www.ieee802.org/PNP/approved/IEEE_802_WG_PandP_v19.pdf>

**IEEE 802 LMSC Chair's Guidelines (Approved 13 July 2018)**

<https://mentor.ieee.org/802-ec/dcn/17/ec-17-0120-27-0PNP-ieee-802-lmsc-chairs-guidelines.pdf>

**Participation in IEEE 802 Meetings**

<https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>

**IEEE 802.11 WG Operations Manual (Approved 13 July 2018):**

<https://mentor.ieee.org/802.11/dcn/14/11-14-0629-22-0000-802-11-operations-manual.docx>