



IEEE 802 EC 5G/IMT-2020 standing committee

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Mentor DCN: EC-16-0061-03-5GSG 4/12/2016

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- | **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, including licensing costs of essential patent claims, of different technical approaches may be discussed in standards development meetings.
 - | Technical considerations remain 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.**

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This slide set is available
at <https://development.standards.ieee.org/myproject/Public/mytools/mob/preparslides.ppt>
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Agendas

Agenda for March 30th

- **Logistics**
- **Reminder of Scope**
- **Review of future meeting schedule**
- **Plan for report (17)**
- **Contributions**
 - **What's in scope? – Roger (62)**
 - **Enumeration of candidate 802 technologies - Paul**

Agenda for April 13th

- Review of future meeting schedule
- Plan for report (65)
- Contributions
 - 5G propositions (64)

Scope of the 5G standing committee

Approved Scope

- **To provide a report on the following items to the EC:**
 - **Costs and benefits of creating an IEEE 5G specification**
 - **Costs and benefits of providing a proposal for IMT-2020, considering possible models of a proposal:**
 - as a single technology,
 - as a set of technologies,
 - or as one or more technologies within a proposal from external bodies (e.g., 3GPP)
- **During its lifetime, to act as the communication point with other IEEE organizations on this topic.**

Organization

- The committee is chartered for 6 months (i.e., due July 2016 at the 802 plenary) as an EC SC (type 2).
 - LMSC P&P section 5.6, item #2
 - The subgroup is responsible for assisting the Sponsor (e.g., drafting all or a portion of a document, drafting responses to comments, drafting public statements on standards, or other purely advisory functions).
- Any 802 WG voting member may participate as a voting member of the committee.

Meeting & Conference Call Schedule

Reflector

- For meeting announcements and discussion
 - stds-802-5g@listserv.ieee.org
- To subscribe
 - Use web interface (preferred):
 - <https://listserv.ieee.org/cgi-bin/wa?A0=stds-802-5g>
 - Login with your IEEE account email/password
 - Send email to:
 - listserv@ieee.org with content:
 - SUBSCRIBE STDS-802-5G yourname
 - All subscriptions require manual approval by the chair
- Archive
 - There is currently no archive

Meetings

- **Face-to-Face Meetings *proposal***
 - March 14 & 15 – IEEE 802 plenary, Macau, CN
 - ~~April 22 – IEEE SA CAG, 5G workshop, Tokyo, JP~~
 - May 20 – IEEE 802 wireless interim, Waikoloa, HI
 - May 25 – IEEE 802.1 interim, Budapest, HU
 - June 24 – Ottawa, CA
 - July 25 & 26 – IEEE 802 plenary, San Diego, US
- **Details**
 - To be announced
- **Conference calls**
 - **Scheduled weekly**
 - Will be cancelled 24 hours prior if no agenda items

Weekly Conference call times

- Starting March 30th for 1 hour
 - Alternating between 10am and 6pm each week
- Wednesday 10am Ottawa (ET)
 - 9am Dallas (CT)
 - 7am San Jose (PT)
 - 5pm Helsinki
 - 11pm Tokyo
 - **1am Wednesday, Sydney**
- Wednesday 6pm Ottawa (ET)
 - 5pm Dallas (CT)
 - 3pm San Jose (PT)
 - **1am Helsinki**
 - 7am Wednesday, Tokyo
 - 9am Wednesday, Sydney

Join.me logistics



Join the meeting: <https://join.me/ieee802.1>

On a computer, use any browser. Nothing to download.

On a phone or tablet, launch the [join.me app](#) and enter meeting code:
ieee802.1

By phone:

Canada – Ottawa **+1.613.699.9318**

Germany - Frankfurt **+49.69.9753.3131**

United States - New York, NY **+1.646.307.1990**

United States - San Francisco, CA **+1.415.655.0381**

Access Code **684-645-640#**

[Other international numbers available](#)

Conference Calls & Meeting Dates

- March 30 – 10am ET
- ~~April 6 – 6pm ET~~
- April 13 - 10am ET
- April 20 – 6pm ET
- April 27 – 10am ET
- May 4 – 6pm ET
- May 11 – 10am ET
- May 20
- May 25 – 9-12 CEST
- June 1 – 10am ET
- June 8 – 6pm ET
- June 15 – 10am ET
- June 24
- June 29 – 6pm ET
- July 6 – 10am ET
- July 13 – 6pm ET
- July 20 – 10am ET
- July 25 & 26

Face-to-Face Meetings

May 20 – IEEE 802 Wireless

- Tentatively Friday afternoon
 - [Awaiting confirmation of room/network availability](#)

May 25 – IEEE 802.1

- Wednesday, May 25 - 9h-12h
- Location:
 - [Hilton Budapest](#)
Budapest, HU
- [Registration](#)
- [Information](#)

Waikoloa options

- May 20th afternoon - Verilan will not be able to provide network or projectors. So hotel options are being evaluated. The room itself is available.
- The options are:
 1. Have F2F on Friday, May 20th
 - 802 treasury will be asked to cover extra cost
 2. Have it at another time that week with an acting chair
 - Any suitable slot
 3. Have it at another time that week, but I chair remotely from Beijing
 - Waikoloa - Monday 7pm, Beijing – Tuesday 1pm
 - Communications may prove complex
 4. Have a conference call that week, at a time suitable for Beijing and Waikoloa
 - Waikoloa - Monday 7pm, Beijing – Tuesday 1pm

March Plenary Meeting Summary

Agenda for March 2016 meeting

- **Monday**
 - **Introduction (17-02) – Glenn Parsons**
 - Role of this standing committee
 - **802 5G Project analysis (36)**
 - **ITU-R IMT-2020 (10, 34) – Roger Marks**
 - **ITU-T IMT-2020 (37) – Glenn Parsons**
 - **IEEE 5G (35-01)– Patrik Slaats**
- **Tuesday**
 - **Contributions**
 - 802.1CM (38-01) – Janos Farkas
 - 802.1CF (39) – Max Riegel
 - 802.3 (40-01) - Marek Hajduczenia
 - 802.11 (41)– Joseph Levy
 - 802.15 (42) – Bob Heile
 - 3GPP RAN 2 (43) – Richard Burbidge
 - **Next Steps**
- **Wednesday**
 - **Scope revision**
 - **Minutes (46)**
 - **EC summary (49)**

Summary

- **Vibrant discussion**
 - level set on ITU IMT-2020, IEEE 5G and 3GPP 5G
 - assessment of 802 projects
 - there are multiple projects that are related to 5G
 - ~130 attendees but only 6 want to contribute
- **Consensus on**
 - Report framework
 - Meeting schedule and conference calls
- **Additional meeting - scope revision**
 - Initiated based on view that some points were missing
 - Spectrum and IMT-Advanced
 - No consensus on revised scope...