



IEEE 802 EC 5G/IMT-2020 standing committee

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June 2016

Mentor DCN: EC-16-0061-10-5GSG 6/23/2016

Guidelines for IEEE-SA 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, 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.**

If you have questions, contact the IEEE-SA Standards Board Patent Committee Administrator at patcom@ieee.org or visit <http://standards.ieee.org/about/sasb/patcom/index.html>

See *IEEE-SA Standards Board Operations Manual*, clause 5.3.10 and "Promoting Competition and Innovation: What You Need to Know about the IEEE Standards Association's Antitrust and Competition Policy" for more details.

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)

Agenda for April 20th

- Review of future meeting schedule
- Plan for report (65)
- Contributions
 - 5G Spectrum (68)

Agenda for April 27th

- Review of future meeting schedule
- Plan for report (65)
- Updates on other activities
 - Japan SA outreach
 - GSC-20
 - IEEE 5G steering committee

Agenda for May 11th

- Review of future meeting schedule
 - *Agenda for face-to-face meetings*
- Plan for report (65)

Agenda for May 20th *face-to-face*

- **Chairs intro**
 - **Updates on other activities**
- **Plan for report (65)**
- **802 WG applicability to 5G**
 - **802.21 framework & applicability - Hyeong Ho Lee (79)**
- **Contributions**
 - **IEEE 802 5G proposal - Yonggang Fang (78)**
 - **802.11 proposal – Joe Levy (81)**

Agenda for May 25th *face-to-face*

- **Chairs intro**
 - **Updates on other activities**
- **Plan for report (65)**
- **Other contributions**
 - **802.1CF – Max Riegel (83)**
 - **802.1CM – Janos Farkas (update on 38)**

Agenda for June 1st

- Review of future meeting schedule
 - Plan for face-to-face meeting
- Plan for report (65)

Agenda for June 8th

- Review of future meeting schedule
 - Plan for face-to-face meeting
- SC status for EC (88)
- Plan for report (65)

Agenda for June 15th

- Review of future meeting schedule
 - Plan for face-to-face meeting
- Plan for report (65)

June 24th face-to-face agenda

- **Chairs intro**
- **Plan for report (65)**
- **Other contributions**
 - ITU-R IMT-2020 update – Jose Costa
 - Proposed Draft report – Roger Marks (94)
 - Collaborating with 3GPP - Stephen Palm
- **Drafting of report**

July plenary plan

1. Presentation of report

- Word-smithing as necessary
- Goal for consensus on conclusion
- Straw polls otherwise

2. Disposition of Standing Committee

- Modify scope to focus on conclusion
- Declare success and disband the SC
 - Defer follow-on activity to current WGs

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 an archive available on listserv and on the web:
 - http://ieee802.org/Stand_Com/5G/index.html

Meetings

- **Face-to-Face Meetings**
 - March 14 & 15 – IEEE 802 plenary, Macau, CN
 - 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
- **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 Thursday, Sydney**
- Wednesday 6pm Ottawa (ET)
 - 5pm Dallas (CT)
 - 3pm San Jose (PT)
 - **1am Helsinki**
 - 7am Thursday, Tokyo
 - 8am Thursday, 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:

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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 – 1-4pm HAST
- May 25 – 9-12 CEST
- June 1 – 10am ET
- June 8 – 6pm ET
- June 15 – 10am ET
- June 24 – 9-12 ET
- June 29 – 6pm ET
- *July 6 – 10am ET*
- *July 13 – 6pm ET*
- July 20 – 10am ET
- July 25 & 26

Face-to-Face Meeting

June 24 - Ottawa

- Friday, June 24 – 9am-Noon
- Location:
 - **Ericsson**
 - 349 Terry Fox Drive
 - Ottawa, ON, Canada
- Suggested hotel:
 - **Brookstreet**
 - 525 Legget Drive
 - Ottawa, ON, Canada
 - **Ericsson rate: CDN \$149**
- **Join.me will be available**
 - **monitor only guaranteed**

July 25 (during plenary)

- Evening after tutorials
- 7:30-9:30pm ???

July 26 (during plenary)

- Evening 7:30-9:30pm

Status of IEEE $\geq 5G$ activities

IEEE \geq 5G initiative

- **Create Market Facing Product**
 - <http://5g.ieee.org/>
- **Establish a set of Special Interest Groups (SIGs)**
 - **List of 5G Challenges, Requirements**
 - **Define Deliverables**
- **Plan for IEEE 5G Workshop**
- **Formalize a Governance Structure**
- **Engage with 5G Startups**

Next steps - IEEE $\geq 5G$

- **Feedback on $\geq 5G$ Initiative**
- **Ideas for various SIGs**
- **Call for Participation by all IEEE OUs and Societies**
- **Immediate Next Steps:**
 - **Organize $\geq 5G$ Workshop (July, August 30/31, or September)**
 - **Collaborate with FDC to organize the planning for IEEE $\geq 5G$ workshop**