IEEE 802 EC
5G/IMT-2020 standing committee

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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.

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

Mentor DCN: EC-16-0061-04-5GSG
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)
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?Ao=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

• 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](https://join.me/ieee802.1)

On a computer, use any browser. Nothing to download. On a phone or tablet, launch the [join.me app](https://join.me) and enter meeting code: **ieee802.1**

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- Canada – Ottawa  
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Access Code  **684-645-640#**

[Other international numbers available](https://join.me/ieee802.1)
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 1-5pm
  - Room booked
  - Awaiting confirmation of projector/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 booked.

• 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...