IEEE 802 EC 5G/IMT-2020 standing committee

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Mentor DCN: EC-16-0112-00-5GSG   7/23/2016

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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.**

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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.

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Meetings since March

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

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 – 7:30-9:30 pm PT

Challenges

- **There is reduced interest in 5G in 802**
  - IMT-2020
    - No value in an independent submission
  - IEEE 5G
    - Uncertain value in describing
- **Interest is still more about sufficient spectrum**
  - Support, defense, acquisition, …
- **View that 802 technology will be used in 5G**
  - It is inevitable, so there is nothing extra that we need to do

Summary

- **Vibrant discussion**
    - level set on ITU-R IMT-2020, IEEE 5G , 3GPP 5G and relevant 802 projects
    - 15-40 on conference calls and meetings
        - ~10 core contributors
- **Contributions**
    - Informal guidance from 802.1 and 802.11
    - SWOT based cost/benefit analysis
- **Consensus on**
    - Report format (slide deck) and draft report

Draft Report Conclusion (EC-94-06)

- The four Actions addressed under the Standing Committee scope are not mutually exclusive.
- There is a preference for Action B3, with a secondary desire to progress Action A.
- [This will be assessed with straw polls at the July plenary.]

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July plenary plan

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July plenary agenda

- Monday, July 25 – 7:30-9:30pm Presentation of report
  - Word-smithing as necessary
  - Goal for consensus on conclusion
  - Straw polls otherwise
- Tuesday, July 26 – 7:30-9:30pm Disposition of Standing Committee
  - Modify scope to focus on conclusion
  - Declare success and disband the SC
    - Defer follow-on activity to current WGs
- Friday, July 25 – 802 EC closing
  - Presentation of report
  - Decision on SC

All 802 WG members encouraged to attend, comment and guide the outcome of the SC