



# IEEE 802 EC 5G/IMT-2020 standing committee

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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.**

# 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.

# Reflector

- For meeting announcements and discussion
  - [stds-802-5g@listserv.ieee.org](mailto:stds-802-5g@listserv.ieee.org)
- To subscribe
  - Use web interface (preferred):
    - <https://listserv.ieee.org/cgi-bin/wa?A0=stds-802-5g>
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    - 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](http://ieee802.org/Stand_Com/5G/index.html)

# 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

# SC Report

- **EC-16-119-00 – PDF**
- **EC-16-119-01 – DOC**
  
- **Summary**
- **Conclusion**
- **Recommendation – Next Steps**



# EC actions

## EC 5G / IMT-2020 future

- **SC is only chartered to the July plenary**
- **No action will result in its conclusion**
  
- **As recommended by the SC, no EC action is proposed**

# WG activity

- **802.1 OmniRAN TG will hold meetings (starting at Warsaw interim) to discussion an Industry Connections proposal (Action A)**
- **802.11 has created a SC to work with 802.1 (Action A) and progress liaison with 3GPP (Action B3)**

# Motion

- **EC accepts the report of the EC 5G /IMT-2020 SC (EC-16-119-01) and endorses its conclusion and recommendation**
- **Move: Parsons    Second: Marks**