IEEE 802 EC
ITU standing committee

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March 2017

Mentor DCN: EC-17-0030-00-INTL   3/10/2017

Agenda for March meeting

- Role of this standing committee
- IEEE membership in ITU
- IEEE-SA BOG International SDO advisory group
- Review other future meetings
- Review ITU-T JCA IMT-2020
  - Discuss potential 802 input

Role of the
ITU standing committee

Objective

- Provide IEEE 802 input into IEEE-SA engagements with ITU
- Receive updates on IEEE-SA engagements with ITU
- Do not interfere with existing technical liaisons to ITU-T (e.g., in 802.1, 802.3)
- Do not interfere with existing regulatory and technical liaisons with ITU-R (e.g., in 802.18)

LMSC P&P section 5.6, item #2
http://standards.ieee.org/about/sasb/audcom/pnp/LMSC.pdf

- 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).

Operating practice

- Consensus
  - Any voting, approvals will be done by the EC
- Reciprocal attendance rights for 802 WGs
  - policy is per home WG
- Preperatory meetings for upcoming ITU events for IEEE
  - Formalize current volunteer engagement
  - Summarize issues to de discussed per ITU event
    - IEEE-SA staff will indicate targeted ITU events to guide the agenda
  - Review proposed positions/contributions
    - IEEE-SA staff or volunteers may propose
  - Hold conference calls as needed between plenaries

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IEEE membership in ITU

IEEE and ITU

- IEEE is a Sector Member of ITU-T, ITU-R and ITU-D
  - Participate in the work of ITU-T Study Groups, Working Parties and expert groups, seminars, round tables, colloquia and workshops
  - Attend ITU and ITU-T decision-making bodies (e.g., ITU Plenipotentiary Conference, World Telecommunication Standardization Assembly)
  - ITU Council granted no fee sector membership ~2002
- IEEE is classified as a "regional or other international organization"
- IEEE is qualified as
  - ITU-T A.6 - Cooperation and exchange of information with national and regional SDOs
  - ITU-T A.5 - Making reference to documents from other organizations.

Register for a TIES Account

- Any IEEE 802 WG member may apply for a TIES Account under IEEE
  - ▫ Provides access to ITU-T documents
  - ▫ http://www.itu.int/online/mm/scripts/reg.screen1.html?_language id=1

Attendance at ITU

- Typically, volunteers attend under their company's membership
- Volunteer attendance at ITU meetings as an IEEE representative requires IEEE-SA approval
  - ITU-R liaison (Mike Lynch) has been approved

Contact

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IEEE-SA BOG International SDO advisory group

Chair: Glenn Parsons

Scope

- Provide guidance of the relationship between IEEE-SA and ITU, IEC and ISO
- ITU Work items
  - ITU-D conferences
    - IEEE staff educational presentations
  - ITU-T TSAG
    - Contribution assessment
- GSC-21
  - IEEE-SA will host in Vienna
  - 26-27 September 2017

GSC-21

- Leading SDO forum
  - ITU, ISO, IEC, IEEE, ETSI, ATIS, TIA, ARIB, CCSA, TTA, TTC, TSDSI
- General agenda
  - SDO summary of work program
  - Detailed discussion of 2-3 hot topics
- IEEE-SA suggested topics
  - Technical and non-technical aspects of Artificial Intelligence used in telecommunication and network systems
  - Mixed Reality considerations for a Trusted Experience

Ongoing ITU-T conferences

ITU conferences - policy & governance

- Recent conferences
  - ITU-T TDAG –January 2017
  - ITU CWG WSIS & Internet – February 2017
  - ITU-D RPM Americas – February 2017
  - ITU-T Joint Coordination Activity on SDN
    - Contribution from IEEE

ITU conferences - policy & governance

- Upcoming conferences
  - TSB Director's IPR adhoc – early 2017
  - ITU-D Study Group 2 - 3-7 April 2017
  - ITU-R RAG – April 2017
  - ITU-D TDAG - 9-12 May 2017
  - ITU-T TSAG – May 2017
    - ITRs, Open Source, RG on Standardization Strategy
  - ITU Council – May 2017
    - Expert Group on ITRs (EG-ITRs)
  - ITU-T Joint Coordination Activity on 5G/IMT 2020
    - Potential contribution from IEEE
  - ITU-D WTDC – Oct 2017
  - ITU Plenipotentiary - November 2018 in Dubai, UAE

IEEE-SA Topics of interest

- Strategic plan of ITU
- Internet governance
- Addressing / numbering
- Privacy and trust
- Cooperation and collaboration with other SDOs
- Patent policy
- Open source

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JCA IMT-2020

Resolution 92 - Enhancing the standardization activities in the ITU-T related to non-radio aspects of international mobile telecommunications

- TSAG to coordinate among ITU-T SGs, encourage collaboration with other SDOs
- ITU-T SGs to report annually in ITU-T's standard strategy on IMT
- SG 13 to maintain roadmap of IMT, establish JCA IMT-2020
- SG 15 to promote studies on IMT's fronthaul and backhaul network standardization activities
- SG 11 to promote studies on non-radio aspects of IMT's signalling, protocol and testing
- SG 12 to promote studies on non-radio aspects of IMT service, QoS and QoE
- SG 17 to promote studies on IMT network and applications' security

ITU-T SG13

- Focus Group on IMT-2020 (FG IMT-2020) has accomplished its mission.
    - The deliverables produced by the Focus Group at its closure are available from the following link FG IMT-2020: Nine Deliverables prepared in 2016.
- ITU-T SG13 & ITU-R WP5D joint info session on IMT-2020
    - "*Un Update on IMT-2020 Technology Work in ITU-T Working Party 5D for the Joint Session with ITU-T SG13*" - Stephen Blust
    - "*IMT2020: How SG13/WP1 will face 5G challenges*" - Luca Pesando
- The May TSAG meeting is requested to review, possible to comment and endorse the new JCA-IMT-2020.

JCA IMT-2020 - Proposed scope

- The scope of JCA-IMT2020 is coordination of the ITU-T IMT2020 standardization work with focus on non-radio aspects within ITU-T and coordination of the communication with standards development organizations, consortia and forums also working on IMT2020 related standards.

JCA – proposed objectives

1.   The JCA-IMT2020 will ensure that the ITU-T IMT2020 standardization work with focus on non-radio aspects is progressed in a well-coordinated manner among relevant study groups, in particular, Study Group 2 on Network Management, Study Group 11 on protocols and interoperability, Study Group 12 on QoS, Study Group 15 on transport, fronthaul/ backhaul and Study Group 17 on security.

2.   Whenever duplication of effort or planning issues are discovered, the JCA-IMT2020 will report this to Study Group 13 as the lead study group to coordinate all activities related to IMT2020 with other relevant study groups.

3.   The JCA-IMT2020 will consider and encourage possibilities of co-operation on IMT2020 non-radio aspects, namely with relevant subgroups such as 3GPP, BBF, ETSI, IEEE, IETF, MEF, NGMN etc as well as Open Source community.

4.   The JCA-IMT2020 will analyze the work of standards development organizations, consortia and forums for use in its coordination function and will provide information on this work for use by the relevant study groups in planning their work.

5.   In order to avoid duplication of work and assist in coordinating the work of the study groups, the JCA-IMT2020 will act as a point of contact within ITU-T and with other standards development organizations, consortia and forums working on IMT2020 related standards.

6. The JCA-IMT2020 will maintain the roadmap for IMT2020 standardization which addresses on-going and published specifications from ITU, other relevant standard development organization, consortia and forums.

7.   In carrying out the internal coordinating role, participants in the JCA-IMT2020 will include representatives of relevant ITU-T study groups and other ITU groups.

8.   In carrying out the external collaboration role, representatives from other relevant standards development organizations, regional/national organizations, consortia and forums shall be invited to join the JCA

JCA Timeline

- Approval – TSAG May 2017
- Liaison requesting input to IMT-2020 roadmap – June 2017
- First meeting – July 2017
  - during ITU-T SG13 Rapporteur Group meeting

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IEEE 802 position

JCA contribution?

- Through IEEE-SA
- IEEE 802 level
- Per IEEE 802 WG

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Summary

- ▫ The various conferences for this year were reviewed.
  - There is minimal impact to the work of IEEE 802
- ▫ JCA…
  - ???