IEEE 802 EC
ITU standing committee

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Agenda for July meeting

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

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

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
- Hot topics
  - Artificial Intelligence
  - Smart Cities

Ongoing ITU-T conferences

ITU conferences - policy & governance

- Recent conferences
  - 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
    - Contribution from IEEE

ITU-T TSAG

- Rapporteur Group on Standardization Strategy
  - advise TSAG and the ITU-T Study Groups on technological trends and on market developments within the Sector's 'technical' fields of activity.
- Open Source
  - It was agreed that the Open Source Initiative provides the basis for a common understanding.
  - ITU-T study groups can already develop source code, reference implementations and engage in interactions with open source communities.
  - TSAG will advise the Director of the TSB of open source IPR issues to be addressed by his Ad Hoc Group on IPR.

ITU Council

- *Venue of WRC-19*: 21-25 October and 28 October to 22 November, 2019 in Sharm el Sheikh.
- *Review of the International Telecommunication Regulations (ITRs)*: it is inappropriate to request that ITU-T SGs (e.g. SG 3) include proposals for the revisions
- *Extension of cost recovery to International Numbering Resources (INRs)* the registration and maintenance charges for UIFN and IIN were increased to ensure that the principle of full cost recovery is applied.
- *Membership fee exemption* criteria agreed for conferring exemptions from membership fees for "organizations of an international character".

ITU Council cont'd

- *<u>Elaboration of the draft Strategic and Financial Plans</u>*: new Council WG to elaborate the draft Strategic and Financial Plans for the consideration and decision by PP-18. Among the key questions to be addressed by the CWG include the following:
  - What are the key technological trends ITU would consider while planning its strategy, such as Internet of Things, IMT-2020/5G, Smart Cities, and Big Data?
  - How the ITU strategy would contribute to the Sustainable Development Goals?
  - What would be the key challenges and strategic priorities for ITU for the 2020-2023 period?
  - What would be the main opportunities for improvement for the ITU as an organization?

ITU conferences - policy & governance

- Upcoming conferences
  - ITU-D WTDC – Oct 2017
  - TSB Director's IPR adhoc – Nov 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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ITU-T 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

JCA IMT-2020 - 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-IMT2020 update

- Update from Scott Mansfield – chairman
  - https://mentor.ieee.org/802-ec/dcn/17/ec-17-0128-00-INTL-itu-t-jca-imt-2020-update.pdf

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IEEE 802 position

JCA contributions

- From IEEE-SA
  - IEEE-SA contribution introducing 5G related standards based on list prepared by IEEE 5G Initiative - http://5g.ieee.org/standards
- IEEE 802 – sponsor level
  - IEEE-SA will receive a liaison, 802 will be provided with a copy
  - Send an 802 level liaison response?
    - Summarize our 5G direction (based on conclusion of 5G/IMT-2020 SC, and outcomes: AANI & ICAID)

Summary

- ▫ The various ITU conferences for this year were reviewed.
  - There is minimal impact to the work of IEEE 802
- ▫ ITU-T JCA IMT-2020
  - Liaison to IEEE-SA (and IEEE 802) expected
    - Discuss response in November
  - JCA considering meetings outside SG13
    - Consider 802 IC activity to meet with JCA