



# IEEE 802 EC ITU standing committee

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# March meeting plan

- **Wednesday, March 17<sup>th</sup>, 4-5 pm**
  - <https://ieeesa.webex.com/ieeesa/j.php?MTID=m539e789c5008312423b1fd3233960542>
- **Update on IEEE-SA BOG activities with ITU**
- **Review outcome of past meetings**
  - **ITU-T TSAG – January 2021**
- **Review future meetings**
  - **ITU-R RAG - Apr 2021**
  - **ITU WSIS 2021 – May 2021**
  - **ITU Council – June 2021**
  - **ITU Telecom - October 2021**
  - **ITU-D WTDC – Nov 2021**
  - **ITU WTPF – December 2021**
  - **ITU-T WTSA – Mar 2022**

# 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
- **Preparatory meetings for upcoming ITU events for IEEE**
  - Formalize current volunteer engagement
  - Summarize issues to be 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

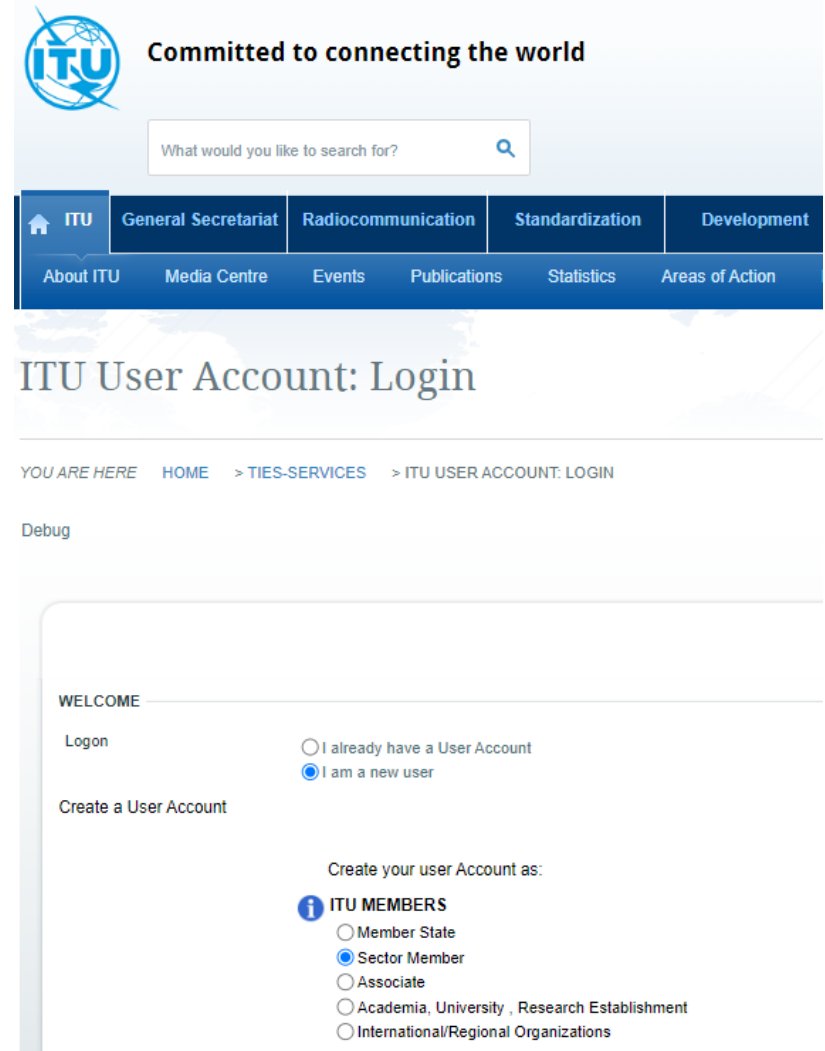
# IEEE and ITU

- **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

- Typically, volunteers get access under their company's membership
- Any IEEE 802 WG member may apply for a TIES Account under IEEE
  - Provides access to ITU-T documents
  - <https://www.itu.int/en/ties-services/Pages/login.aspx>



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 Sector Member  
 Associate  
 Academia, University, Research Establishment  
 International/Regional Organizations

# 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

**Karen McCabe**

**Senior Director, Public Affairs and Marketing**

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# IEEE-SA BOG SDO Engagement ad hoc

# Status

- **Concluded Dec 2020**
  - Reported to Standards and Standards Innovations SMDC of the IEEE-SA BOG
  - Renewal, endorsed by SMDC, was requested from BOG
- **2020 Scope**
  - Provide strategic guidance to the IEEE SA BoG with respect to the relationship between IEEE SA and IEC, ISO, ITU, and regional Standards Development Organizations including a comparative assessment of the strengths and weaknesses of IEEE SA with respect to these organizations.
- **2020 Membership**
  - Chair – Glenn Parsons
  - Paul Nikolich
  - Other BOG members

# Recent ITU conferences

# Telecommunication Standardization Advisory Group (TSAG)

- **advisory body to the study groups, membership and staff of ITU-T**
  - responsible for the working procedures defined in the A-series Recommendations and the organization of the ITU-T work programme.
  - Responsible for the work programme between WTSA
- **Virtual arrangement – 11-18 January 2021.**
  - ~300 participants online (double in-person attendance).
  - TSAG work continues within Rapporteur Groups
  - Next virtual TSAG – 25-29 October 2021 and 10-14 January 2022.

# Notable outcomes

- US, RU & SA have announced candidates for the chair of TSAG
- Revised question text agreed for all study groups
- ITU-T restructuring
  - Unlikely at the next WTSA
  - Current focus on recommending a consultancy study on structure that would target implementation at WTSA-24
- IEC SMB/ISO TMB/ITU-T TSAG Standardization Programme Coordination Group (SPCG) produced collaboration documents.
  - A coherent and coordinated international standards landscape (ISO, IEC, ITU-T)
  - E.g., a checklist to more effectively achieve this goal of effective coordination at the technical level
- Debate on whether ITU should join oneM2M as a partner to improve collaboration with SG20



# IEEE 802 position – Aug 2020

The IEEE 802 LAN/MAN Standards Committee (LMSC) develops and maintains networking standards and recommended practices for local, metropolitan, and other area networks, using an open and accredited process, and advocates them on a global basis. In order to ensure consistent global impact of standardization and increase awareness of the ecosystem related to network implementation and operation, IEEE 802 maintains liaison relationships with other groups. Communication is key to a healthy working relationship, fostering an understanding of the working methods of the different groups and thereby aiding efficient and non-duplicative standards development. This is important for global interoperability. IEEE 802 is engaged in standardization efforts that are integral building blocks of the Internet and private networks. Any standardization efforts investigating the evolution, or a revolution related to the Internet, Internet Protocol, or how the Internet or Internet Protocols leverage IEEE 802 standards or ongoing development is of interest to the IEEE 802 LMSC and we request coordination.

# Representing IEEE 802 position

- Request IEEE-SA to indicate this position to ITU-T on LMSC's behalf.
  - Requested through BOG SDO adhoc – Aug 10
  - Position developed and submitted as [C156](#)
    - Presented by Karen McCabe to TSAG plenary on Sept 24<sup>th</sup>
    - Several (SA, RU, CN) welcomed collaboration.
- ITU-T conclusion
  - Dec 2020 SG13 decided to not propose new questions on “New IP” for the next study period
  - No further discussion during January 2021 TSAG

# Future ITU conferences

# ITU-R RAG – April 2021

- Electronic – March 29 – April 1
- Review the rolling four-year operational plan
  - for approval by the June meeting of Council.
- JP proposal “Consideration of referencing external standards from an ITU-R Recommendation”
  - ITU-R Recommendations can be incorporated by reference into the Radio Regulations
  - For IMT only, the ITU-R process for referencing external standards is managed by a series of agreements allowing mutual cross-referencing
  - Potential application of ITU-T A.5 and A.25?

# Virtual WSIS Forum 2021

- **World Summit on the Information Society**
  - ITU + UNESCO + UNCTAD + UNDP
  - discuss the role of ICTs to implement the UN Sustainable Development Goals
    - 2021 themes:
      - gender mainstreaming and
      - WSIS stocktaking.
- **12-week agenda - concluding 17-21 May**
  - E.g., “Improving connectivity by using (satellite and terrestrial) radiocommunications in small island developing states and developing countries”.
- **High level policy sessions**
  - IEEE Humanitarian, IEEE-SA Child online protection



# ITU Council

- **The Council acts as the Union's governing body in the interval between Plenipotentiary Conferences.**
- **Its role is to consider broad telecommunication policy issues to ensure that the Union's activities, policies and strategies fully respond to today's dynamic, rapidly changing telecommunications environment.**

# ITU Council - June 2021

- **WTSA-2020 (originally 17-27 November 2020)**
  - Postponed to March 1-9, 2022, still in Hyderabad, India
    - Second postponement (each took 3 months via consultation to agree)
    - Current leadership/structure remains in place and TSAG has delegated power
  - Third delay or venue change possible
- **WTDC-2021 (Addis Ababa, Ethiopia from 8-19 November 2021)**
  - Venue and timing of the WTDC will be discussed
  - consultation is expected, including likely resistance to moving venue
    - E.g., to change the venue of the Conference to Geneva
- **Reports from the various Council WGs will be considered**
  - Financial and Human Resources; International Internet-related public policy issues; WSIS & SDGs; Child online protection; and Languages
  - Expert Group on Satellite Network Filings; the Expert Group on the ITRs; and the Informal Group on the WTPF
  - New Council WG expected to address the draft Strategic Plan and draft Financial Plan for the consideration and approval of PP-22.

# ITU Telecom 2021



- 50<sup>th</sup> anniversary event
- Planned as physical, but will likely be virtual
- The Forum, which includes Ministerial and industry roundtables, will address a variety of topics:
  - Expanding connectivity – wired and wireless
  - the 5G era
  - national digital strategies
  - role of satellites
  - policy and regulation
  - spectrum management
  - digital skills and capacity development
  - trust, privacy and cybersecurity in our digital world
  - sustainable digital transformation
  - smart cities, including Industry 4.0 case studies
  - taxation in the ICT sector
  - digital health, EdTech and digital agriculture.



# ITU-D WTDC 2021



- **World Telecommunication Development Conference**
  - “Connecting the unconnected to achieve sustainable development”
- **BDT momentum to reform WTDC into a more “Fit4Purpose” arrangement**
  - i.e., change focus from administrative matters to a solutions-based approach to development matters.
  - Work continues in TDAG on “Resolutions, the draft Declaration and Thematic Priorities” on the number and focus of thematic priorities, SG Questions and regional initiatives/priorities.
- **A “Fit4Purpose” agenda would include the following elements:**
  - integration of a High-Level Segment and policy statements into a “Development Track” featuring roundtables and panels
  - an “Administrative Track” would also enable discussions to take place on thematic priorities, study group Questions, regional priorities/initiatives and on modifications to WTDC resolutions.
- **There is a series of Regional Preparatory and Inter-regional Meetings**

# WTPF-2021

- The 6<sup>th</sup> World Telecommunication Policy Forum (WTPF) will now be held in Geneva (or maybe virtually) from 16-18 December, 2021
  - “Policies for mobilizing new and emerging telecommunications/ICTs for sustainable development”.
- An informal Group of Experts has been formed to oversee the development of the Report of the Secretary-General, which will form the basis of the main input to the Forum. There will also be a series of draft Opinions from Member States, which will also be discussed during the Forum.
  - The purpose of a WTPF is not to produce proscriptive regulatory outcomes, only reports and opinions by consensus.
  - Nonetheless, it is expected that some draft Opinions will be submitted which deal with controversial topics such as cybersecurity, Internet-related public policy issues, and OTTs

# ITU-T WTSA

- **World Telecommunication Standardization Assembly**
  - non-binding, non-treaty -- (usually) held every four years
  - elects leadership of Study Groups
  - organized in committees to define the next period of study for ITU-T, two substantive :
    - Working Methods, which will discuss such matters as proposed changes to
      - Resolution 1 (Rules of procedure of ITU-T),
      - Recommendation A.1 (Working methods for study groups of ITU-T) and
      - Recommendation A.7 (Focus Groups: Establishment and working procedures)
    - Work Programme and Structure, which will address, in addition to other issues like question definition, the establishment of a framework for SG restructuring at WTSA-24.
- **WTSA-20 will take place in Hyderabad, India**
  - Originally 17-27 November 2020
  - Currently 1-9 March 2022
- **Global Standards Symposium**
  - Leader forum of SDOs immediately preceding, 28 Feb

# ITU Regional Preparations

**CITEL**: Inter-American Telecommunication Commission – North, Central and South America, and the Caribbean – 34 Member States except Cuba

**CEPT**: European Conference of Postal and Telecommunications Administrations – 48 countries of the European region

**ATU**: African Telecommunications Union – 46 Member States of the African region

**APT**: Asia-Pacific Telecommunity – 38 Member States of the Asia-Pacific region

**RCC**: Regional Commonwealth in the field of Communications – 17 Member States comprising the Russian Federation and former Soviet republics .

**League of Arab States** – 21 Arab States in and around North Africa, the Horn of Africa and Arabia

# IEEE 802 summary

- Regarding ITU-T and proposals made in the context of their next study period, there are topics of interest/concern for IEEE 802.
  - No additional recommended actions
- There are strategic opportunities for policy engagement and capacity building on IEEE 802 technologies at ITU conferences (e.g., WTDC, WSIS)
  - Recommend the EC restructuring ad hoc examine leveraging