

The logo for IEEE 802, featuring the letters "IEEE" stacked above the number "802" in a bold, blue, sans-serif font.

IEEE 802 EC ITU standing committee

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Agenda for November meeting

- Role of this standing committee
- IEEE membership in ITU
- IEEE-SA BOG International SDO advisory group
- Review preliminary notable outcome of
 - ITU Plenipotentiary – Nov 2018
- Review other future meetings
 - Telecommunication Standardization Advisory Group (TSAG) – Dec 2018

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
 - http://www.itu.int/online/mm/scripts/reg.screen1.html?_languageid=1

International Telecommunication Union
 Our Sites News Events Publications Site Map About Us

Home : Overview : Global Directory

TIES OnLine Registration : Page 1/4
[TIES Main Page](#) | [FAQ](#) | [Email](#) | [GD Map](#) Tue Mar 4 14:47:49 CET 2014

Introduction
 How to SEARCH
 SEARCH
 How to ORDER
 How to UPDATE
 Terminology
 TIES
 GD Map

Fields with * are mandatory.

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[Palestine, Resolution 99 \(Rev. Guadalajara, 2010\)](#)

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NB:

- for Permanent Missions, please select the represented country (i.e. Italy for Permanent Mission of Italy)
- for ITU Staff, please select Switzerland

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
- Current ITU Work items
 - ITU-D conferences
 - IEEE staff educational presentations
 - Identify potential fellowship participants
 - ITU Plenipot
 - Global public policy opportunities
 - Advice on resolutions of interest
- GSC-22
 - ISO/IEC to host in early 2019

Background

- IEEE-SA is engaging in International Standards governance and public policy
 - In part through this advisory group and at ITU
 - But also at OECD, EU, GSR not through this advisory group
- IEEE is also engaging in International public policy
 - IEEE Internet Initiative (3I)
 - European Public Policy Committee
 - Global Public Policy Committee

Ongoing ITU-T conferences

ITU conferences - policy & governance

- Recent conferences
 - ITU Council
 - Expert Group on ITR
 - Council WG on financial & Human Resources
 - Review of fee exemptions
 - ITU-T TSAG (February & December)
 - ITU-T Joint Coordination Activity on 5G/IMT 2020 – April 2018
 - TSB Director's IPR adhoc – mid-2018
 - ITU-D Study Group 2
 - ITU Plenipotentiary - November 2018 in Dubai, UAE
- IEEE-SA staff to attend most of these

IEEE-SA Topics of interest in ITU

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

ITU Plenipotentiary - background

- ITU plenipotentiary conference is the supreme policy and administrative body establishing the financial, strategic and management foundation for successive 4-year periods.
- PP-18 will set the planning basis for 2020-2023
- Basic treaty instruments falling within the purview of PP-18 are the Constitution and Convention – no proposals received for the consideration of PP-18
- Critical task of PP-18 is to establish the financial framework for the quadrennium via Decision 5 (Revenue and expenses of the Union for 2020-2023)

ITU Plenipotentiary - background 2

- PP-18 to be held in Dubai, UAE from 29 October to 16 November, 2018
- PP decisions, primarily focused on amendments to Resolutions and Decisions, or new Resolutions/Decisions, are taken on the basis of proposals by Member States, taking account of reports by the Council, and its working groups
- Member State contributions most often reflected in common proposals from 6 regional telecommunication organizations, the majority of which appear as modifications to existing PP resolutions and decisions

ITU Regional Preparations

CITEL: Inter-American Telecommunication Commission – North, Central and South America, and the Caribbean – 34 Member States except Cuba – Conf. Doc. 63 + Adds.

CEPT: European Conference of Postal and Telecommunications Administrations – 48 countries of the European region – Conf. Doc. 48 + Adds.

ATU: African Telecommunications Union – 46 Member States of the African region – Conf. Doc. 55 + Adds.

APT: Asia-Pacific Telecommunity – 38 Member States of the Asia-Pacific region – Conf. Doc. 64 + Adds.

RCC: Regional Commonwealth in the field of Communications – 17 Member States comprising the Russian Federation and former Soviet republics – Conf. Doc. 62 + Adds.

League of Arab States – 21 Arab States in and around North Africa, the Horn of Africa and Arabia – Conf. Doc. 72 + Adds.

Key issue - ITR

- MOD proposals to Resolution 146 (Periodic review and revision to the International Telecommunication Regulations).
 - CITEL: continue review of ITRs without the need for a new WCIT
 - ATU: continue review process; create new WG to report to PP-22; focus on new trends and emerging issues
 - RCC: hold the next WCIT in 2020 back-to-back with WTSA; establish a new WG to prepare material; conduct an Article-by-Article comparison of texts of 1988 and 2012 ITRs
 - Arab Group: convene a WCIT in 2020 back-to-back with WTSA
 - CEPT: counter-productive to hold a new WCIT
 - APT: widely divergent views; no agreement on a common proposal; individual or multi-country proposals could be submitted
 - China: (Doc.69) maintain Expert Group; report to 2022 PP through Council

Key Issue - Conformance

- MOD proposals to Res. 177 (Conformance & interoperability)
 - CITEL: no change to ITU-Mark reference in *invites the Council 3*; need to enhance collaboration with organizations and agencies expert in conformance assessment (e.g. IEC)
 - APT: ADD a new *invites the Council 4* – support implementation of ITU-T testing laboratories recognition procedure, and make list of recognized testing labs accessible to ITU members; NOC to *invites the Council 3* re: the Mark
 - ITU-T SG11 already studying a testing laboratory recognition procedure through its Conformity Assessment Advisory Committee, in collaboration with IECEE
 - ATU: NOC to Mark reference; adds new *invites the Council 4, 5 and 6* to assist developing countries; need to recognize regional C&I bodies
 - RCC: instruct TSB Director to take steps for further implementation of Action Plan, including Mark
 - Arab Group: add text at end of *invites the Council 3* “if any, and/or any revenue-generating possibilities”
 - CEPT: no specific proposal

Key issue - Internet

- MOD proposals to Res. 101, 102, 133, and 180 (Internet-related)
 - CITEL: strengthen provisions to expand multi-stakeholder participation in Internet-related discussions
 - CEPT: strengthen assistance ITU can provide to Member States
 - APT: need to explore ways of optimizing efficiency of CWG-Internet, particularly with regard to open consultation
 - RCC: NOC to change in membership, or to open consultation
 - Arab Group: update Res. 102 and enhance role of governments in CWG Internet re: public policy issues; re: Res. 101, propose holding WTPF in 1st quarter of 2020 on emerging issues related to IP-based networks, “frontier technologies”, such as AI, IoT, and data revolution, and the future Internet (also proposing to modify Res. 2 – WTPF); for all Resolutions, add “Digital Object Numbering Authority (DONA) to list of Internet technical community organization such as ICANN
 - ATU: invite ITU to explore additional Internet public policy issues; include WTPF as a useful forum for exploring issues

Key Issue - OTT & AI

- **ADD new Res. (OTT – Over The Top services)**
 - RCC: CWG to analyze OTT regulation practices and prepare recommendations on aspects of OTT public policy
 - Arab Group: need to study international public policy issues related to OTT
 - CEPT: ensure studies on OTT services adopt balanced approach and not only consider negative impact on traditional service providers.
 - ATU: new Res. - study socio-economic, operational security, and other aspects including key regulatory issues of OTT services
- **ADD new Res. (Artificial intelligence)**
 - Arab Group: underlines importance of subject, and link to mandate of SG20 (work already being undertaken in ITU-T (SG 13; SG 16); new “instructs” to TSB Director to engage in many AI-related activities
 - CEPT: recognizes work of many international organizations on AI technologies; describes what ITU role can be within its mandate, in order to contribute to the Sustainable Development Agenda

Elections

- Sec-Gen: Houlin Zhao (PRC)
- Dep. Sec-Gen: Malcolm Johnson (UK)
 - Brahim Sanou (Burkina Faso), completed last term as BDT Director
- TSB: Chaesub Lee (Korea)
- BR: Mario Maniewicz (Uruguay)
 - Mindaugas Zilinskas (Lithuania); Istvan Bozecki (Hungary)
- BDT: Doreen Bogdan (USA)
 - William Ijeh (Nigeria); Cosmas Zavazava (Zimbabwe); Jean Philemon Kissangou (Rep. of Congo)

ITU Council - 2019-2023

- Region A — The Americas (9 seats) – Argentina; Bahamas; Brazil; Canada; Cuba; El Salvador; Mexico; Paraguay; United States.
- Region B — Western Europe (8 seats) – France; Germany; Greece; Hungary; Italy; Spain; Switzerland; Turkey.
- Region C — Eastern Europe and Northern Asia (5 seats) – Azerbaijan; Czech Republic; Poland; Romania; Russian Federation.
- Region D — Africa (13 seats) – Algeria; Burkina Faso; Côte d'Ivoire; Egypt; Ghana; Kenya; Morocco; Nigeria; Rwanda; Senegal; South Africa; Tunisia; Uganda.
- Region E — Asia and Australasia (13 seats) – Australia; China; India; Indonesia; Iran (Islamic Republic of); Japan; Korea (Rep. of); Kuwait; Pakistan; Philippines; Saudi Arabia; Thailand; United Arab Emirates.

Radio Regulations Board - 2019-2023

- Part-time body that approves the Rules of Procedure in application of the Radio Regulations, including those related to the assignment and use of radio frequencies and the use of satellite orbits. It also serves as an appeal board in case of disputes and provides advice to World and Regional Radiocommunication Conferences.
 - Region A: The Americas: Chantal Beaumier (Canada); Fernando Borjón Figueroa (Mexico).
 - Region B: Western Europe: Yvon Henri (France); Lilian Jeanty (Netherlands).
 - Region C: Eastern Europe & Northern Asia: Sahiba Hasanova (Azerbaijan); Nikolay Varlamov (Russian Federation).
 - Region D: Africa: Elsayed Azzouz (Egypt); Samuel Mandla Mchunu (South Africa); Hassan Talib (Morocco).
 - Region E: Asia & Australasia: Tariq Alamri (Saudi Arabia); Akira Hashimoto (Japan); Doan Quang Hoan (Viet Nam).

Future ITU-T conferences

TSAG

- Rapporteur Group on Strengthening Collaboration with other organizations
 - Recently responsible for updating/creating Recs A.5, A.25 and A.Suppl.5
 - Instead of using A.25 for incorporation of text from other SDOs, A.1 contributions were used for oneM2M. This resulted in an adhoc collaboration process for oneM2M (documented in Y.4500.1 Annex L) and missed trademark issues.
 - Looking to develop a process to cover 3GPP
- Copyright
 - As a result of a TSDSI issue, ITU legal noted that PP Res 66 (resolves 4) effectively gives away all ITU IPR on its work products.
- Open source
 - Some members are requesting TSAG define a process to leverage open source communities.
- Strategic Standardization
 - The group is tracking hot issues (e.g., 5G, AI, OTT, IOT, ...)

IEEE 802 position

Summary

- The various ITU conferences for this year were reviewed.
 - There is a long term potential economic benefit to the stakeholders in IEEE 802

- IEEE-SA has multiple ongoing educational opportunities on 802 technologies
 - 802 individuals and stakeholders are encouraged to contribute to promote IEEE 802 work to ITU members