



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**
- **ITU continuing conferences - policy & governance**
 - **ITU-T TSAG & RevCom**
- **Global Standards Collaboration**
- **IEEE 802 position**

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 be discussed per ITU event
 - IEEE-SA staff will provide a calendar of targeted ITU events that will be used 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?_languageid=1


International Telecommunication Union

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

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

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- 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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Stakeholder Engagement Liaison

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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**
- **2015 Meeting Dates**
 - **Past:**
 - 11 Feb, 4 Mar, 8 April, 4 May, 3 June, 8 July
 - **Future:**
 - 12 August, 18 September, 7 October, 4 November

International SDO AG - ITU status

- Relations with ITU
 - Identify the principles that should guide IEEE-SA and IEEE-wide relationship(s) with ITU
- **Work items**
 - *IEC agreement*
 - *ISO PSDO agreement*
 - ITU conferences
 - IEEE staff and volunteer attendance plan
 - Contribution review
 - ITU-D SG1
 - FG smart cities for ITU-D SG2
 - IEEE 802 & ITS to WP5A
 - ITU collaboration discussions
 - “Food for thought” from ITU TSB
 - ITU strategy

Ongoing ITU-T conferences

ITU conferences - policy & governance

- **Upcoming conferences**
 - ITU Council
 - TSB Director's IPR adhoc
 - ITU-T Review Committee
 - ITU-T TSAG
 - ITU Plenipotentiary
- **Topics of interest**
 - Strategic plan of ITU
 - Definition of ICT and inclusion within ITU CS/CV
 - Internet governance
 - Addressing / numbering
 - Cooperation and collaboration with other SDOs
 - Referencing and incorporating other SDO standards
 - Patent policy

ITU-T WTSA-12

Cooperation and collaboration

Res 81 – Strengthen Collab

- Define specific steps on how to improve coordination with other relevant standards bodies
- Rapporteur Group under TSAG
 - to examine existing methods and approaches to collaboration and/or cooperation with other standards organizations, with the view to encouraging ITU-T and other SDOs to work more collaboratively and/or cooperatively in a reciprocal manner based on mutual respect.”

Res 82 – Review of ITU-T

- Examine the adequacy of the current structure of ITU-T
- Independent committee
 - expected to address coordination and collaboration from a “macro” perspective, by for example, studying the feasibility of developing MoUs between the ITU and other standards bodies.

ITU-T TSAG

- Meets yearly to deal with policy and governance issues for ITU-T and its study groups
 - Last meeting was June 2015 in Geneva.
 - Next meeting January 2016
- Topics of interest include
 - A-series improvements for collaboration
 - IPR policy
 - New Study Group...

TSAG Rapporteur Group on Strengthening Collaboration

- The goal is to improve the collaboration process with other SDOs such that it is simplified for ITU, but more importantly that it is mutually respectful.
- The focus is on a revision of the process documents: A.4, A.5 & A.6
The following is the new set:

Concept covered	Recommendation
Referencing	A.5-rev
Incorporation/Adoption	A.25 (A.incorp)
Joint work and/or collaboration	New Supp. A.collab In force A.4 and A.6

- TSAG will consult with the ITU Council on matters of bilateral relations in the context of Council granting other organizations membership

RG Strengthening Collaboration

- The draft revised Recommendation ITU-T A.5, *Generic procedures for including references to documents of other organizations in ITU-T Recommendations*, was ‘determined’ which, in addition to various clarifications, includes a new Annex B containing a set of qualifying criteria for the referenced organization to which a normative reference is made.
- The draft new Recommendation ITU-T A.25 (A.incorp), *Generic procedures for incorporating text between ITU-T and other organizations*, was also ‘determined’, which addresses the process of incorporating text (in whole or in part) from documents of another organization into an ITU-T Recommendation (or another ITU-T document). Similarly, guidance is provided for other organizations using text (in whole or in part, with or without modification) from ITU-T Recommendations (or other ITU-T documents) in their documents.
- There is an action for TSAG to seek agreement on the proposed new Recommendation A.collab, Supplement to the A-series Recommendations, *Generic procedures for cooperation and exchange of information with other organizations* at its next meeting in February 2016
- TSB reported that Recs. ITU-T A.4 and A.6 are not really necessary for Study Groups to cooperate with organizations, while existence of Recs. ITU-T A.4 and A.6 does not prevent other organizations to collaborate with ITU-T.

Study Group 20

- *Internet of Things and its applications, including smart cities and communities*
 - Chair: Nasser Al-Marzouqi of UAE
 - IoT-GSI, IoT Standards Roadmap; part of Question 20/5, and FG on Smart Sustainable Cities
 - Significant support for establishment of the SG from 17 Member States, there with one Member State (Germany) maintaining their objection

Study Group 20

- The establishment of the new SG 20 was accompanied by the following qualifying criteria:
 - gap analysis of all entities and organizations in the IoT ecosystem to avoid duplication and to optimize the use of resources, and to strengthen collaboration with other organizations and entities;
 - the creation of SG 20 should be tied to the overall rationalization of the work of ITU-T SG, including a re-structuring of the remaining study groups at WTSA-16;
 - clarify the work of SG 20 with respect to security and privacy issues, not only in terms of the work undertaken in ITU-T SG 17, but also in external organizations and entities;
 - participation in the SG should be tied to the review of current membership methodologies .

IPR

- There was agreement, as expected, on a slight modification to the Common Patent Policy for ITU-T/ITU-R/ISO/IEC on the assignment/transfer of Patent rights.
- TSAG reiterated the position that discussion should continue in the TSB Director's Ad Hoc Group to try to resolve the issues, and to report progress to future TSAG meetings.

Miscellaneous TSAG

- **Meeting time**
 - increase to 5- day meeting (beginning with the February 2016 meeting of TSAG)
 - rescheduling of TSAG meetings to an interval approximating those of the study groups (9 months) – to be confirmed by WTSA-16;
- **New alignment of FGs and JCAs,**
 - confirmation of objectives/mandates of 3 focus groups – FG on Aviation Applications of Cloud Computing for Flight Data Monitoring; FG on Digital Financial Services; and FG on IMT-2020, and on the termination of such FGs as Innovation and Cloud Computing; 10 JCAs are retained
- **Supplement 4 to A-series Recommendation A.1**
 - modalities of remote participation

ITU-T Review Committee (RevCom)

- Meets yearly to deal with policy and governance issues for ITU-T and its study groups
- Last meeting was June 2015 in Geneva
- Topics of interest include
 - Policy improvements for collaboration
 - Strategic direction

RevCom

- **new strategic standardization function**
 - agreement in RevCom on the basic terms of reference for this function
 - further discussion on three principal aspects are needed:
 - whether it should be a function implemented under TSAG, or independently
 - who should chair it (the TSB Director, an ITU-T member, or a non-ITU-T member from industry);
 - whether the group should be open to non-ITU-T members.
- **there is general agreement that a vertical Study Group arrangement in ITU-T could be beneficial on:**
 - Intelligent Transportation Systems ("ITS"), Internet of Things ("IoT") and Future 5G Mobile ("IMT-2020").

GSC - Global Standards Collaboration

GSC-19

- July 15-16 – Geneva, hosted by ITU
- Strategic topics
 - Critical Communications and public safety
 - IoT (includes M2M, smart cities, smart cars)
 - IMT-2020/5G (covers spectrum topics and network architecture, also Network Functions Virtualisation (NFV))



IEEE-SA at GSC

- **IEEE-SA priorities**
 - **Advancing technology for the benefit of humanity** by providing a globally open, inclusive, and transparent environment for market relevant, voluntary consensus standardization.
 - Beyond technology excellence, increasing engagement at the interface between technology and policy
- **Critical Communication**
 - IEEE 802.11 NGP study group

IEEE 802 position

Summary

- 802 has no specific comments on new process documents
 - Supportive of ITU collaboration/cooperation with IEEE 802 in a reciprocal manner based on mutual respect.