**APT VIEW**

**ON**

**ITU-T SG STRUCTURE AND Modification to WTSA-16 RESOLUTION 2**

**ITU Telecommunication Standardization Sector study group responsibility and mandates**

|  |  |
| --- | --- |
| **Abstract:** |  |

This document provides APT members’ view on ITU-T Study Group structure and modifications to Resolution 2, which is expected be submitted to the interim meeting of TSAG RG-WP in 8th Dec. and interregional meeting for preparation of WTSA-20 in 8th Jan.2021.

**Introduction**

This document provides proposal for ITU-T SG restructure, which elaborates the rationality and benefits for maintaining a relatively stable SG structure in the next study period, while through the internal restructuring and innovation within each SG for a better ITU-T, and also ensure the continuity, consistency and inheritance of ITU-T standardization work.

**Proposal**

APT member administrations’ proposal on ITU-T study group structure is reflected on the table, which is contained in the annex followed by proposed modifications to the list of leading roles of the SGs, with revision marks, in part 2 of WTSA Resolution 2 (Rev. Hammamet, 2016).

Annex A to this document summarizes the APT proposals for the changes in the ITU-T structure, and the continuing text under the heading Annex B to this document indicates changes to the List of lead Study Groups in part 2 of Annex A to WTSA Resolution 2 (Rev. Hummamet, 2016). Proposed changes are shown with revisions marks against the inforce version of WTSA Resolution 2, Annex A, Part 2.

**Annex**

**Proposal on ITU-T study group structure**

**Discussion**

APT proposes to maintain a relatively stable SG structure in next study period that would be most benefit for the development of both ITU-T and its members, also ensure the continuity, consistency and inheritance of ITU-T standardization work. The restructuring requirements could be met through conducting adjustment at the Question level, promoting the vitality and innovation within each SG, and enhancing the cooperation between SGs and with other SDOs.

1. **Maintaining a relatively stable SG structure in next study period would be most benefit for the development of both ITU-T and its members.**
   1. The proposals from the most Study Groups and many active contributing Member States are in favor of maintaining the stability. They are the main contributors to the development of ITU-T.
   2. The current SG structure of ITU-T has reflected the basic classification of telecommunication/ICT areas.
2. **Promoting the SG internal structuring optimization, vitality and innovation within each SG would be the better way in current circumstance for enhancing ITU-T’s core advantages.**
   1. The internal restructuring, vitality and innovation within each SG are the most fundamental driven force of ITU-T’s success. The adjustment of internal structure and optimization of each single SG can unleash the potential of ITU-T. The entire system operates properly and effectively only when each module does so, this general principal also applies to ITU-T.
   2. Enhancing the SG internal structuring optimization, vitality and innovation include invigorating the Study Group itself by timely responding to the demands of the industry and members, continuously expanding new areas and establishing new work items, attracting more members to participate in the standardization activities, accelerating the formulation of standards and producing influential outcomes, etc.
   3. Each study group needs to have a clear mandate, avoiding overlapping with the other study groups, and provides technical experts with a proper organization to develop specific telecommunication/ICT standards professionally.
3. **Enhancing the cooperation mechanisms between SGs and with other SDOs, will establish a more effective and robust international collaboration ecosystem for global ICT standardization.**
   1. Continuously improving the effective cooperation methods between SGs will facilitate the internal restructuring for a strong ITU-T.
   2. Continuously enhancing the cooperation mechanisms through JCA and other standard activities between ITU-T and other SDOs will benefit the global ICT standardization.
4. **Improving the participation of the developing countries and SMEs are very crucial for bridging standardization gap.** 
   1. Many proposals from the members are regards to enhance the attractiveness of ITU-T, especially encourage the participation of developing countries. We are very pleased to see the facts that more experts from the developing countries have attended almost every SG and some of them have taken the positions of the leadership. To maintain the stability of the SG structure will enhance the attractiveness of ITU-T.
   2. Improving the participation and meeting the needs of the developing countries and SMEs by sharing the best practices, publishing more guidelines on the implementation of ITU-T Recommendations and new ICT technical reports, and responding their requirements in a timely manner are very crucial for bridging standardization gap.

**Proposals**

1. **Maintain current ITU-T Study Group structure**

APT Member Administrations are of the view that no need for specific changes in Study Group structure have been identified.

While maintaining the SG structure, work items should be transferred in the Question-level in order to enhance synergy effects and clarify responsibility for the technical issues in the existing SG structure.

**2. Proposal for Question-level Study Group structure**

**2.1 SG2 focusing on Numbering and Identification**

SG2 should remain the same for the next study period and IoT Identification in Q6/20 should be merged with this SG.

**2.2 SG 9 focusing on Broadband Cable and Television**

SG9 should remain the same for the next study period.

SG9 is a unique study group in ITU-T which focuses on broadcasting issues, and the participants of SG9 which are consisted mainly by broadcasting operators, are different from other study groups. Therefore SG9 should keep its current structure in the next study period as well.

**2.3 SG17 focusing on Security**

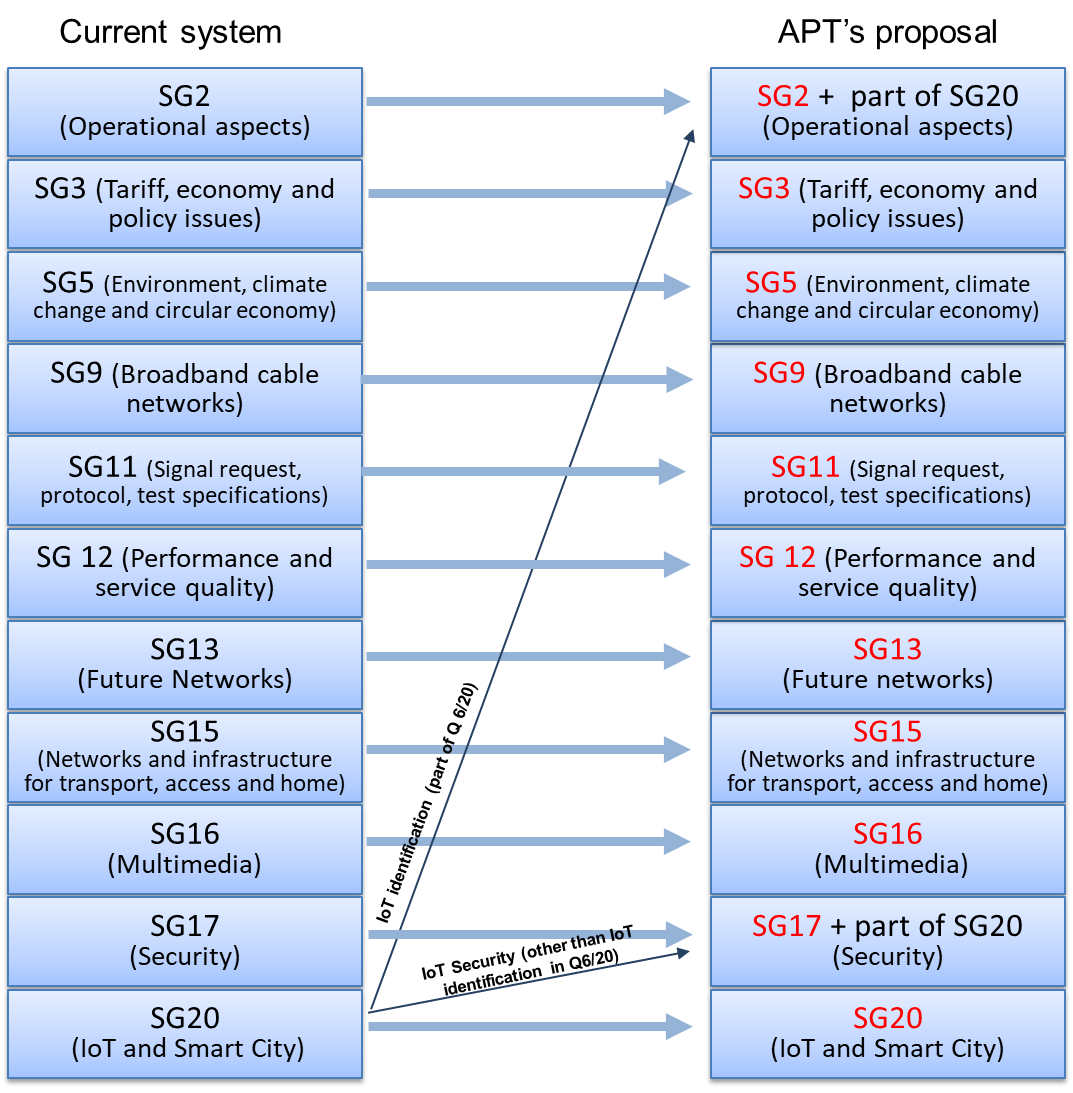
SG17 should remain the same for the next study period and IoT security in Q6/20 (other than IoT identification) should be merged with this SG.

**2.4 SG20 focusing on IoT and smart city**

Q6/20 should be transferred to relevant Study Groups as described above in order to improve the efficiency and to avoid duplication.

**2.5 Other Study Groups**

Other SGs should keep its current structure.



**Fig. 1 - Proposed Study Group restructuring**

**Table 1 - APT Common Proposal for ITU-T SG Structure**

|  |  |  |  |
| --- | --- | --- | --- |
| **Current ITU‑T SG** | **Proposed action** | **Description** | **Rationale and Resulting SG structure** |
| TSAG | NOC |  | * Maintain current TSAG |
| SG2 | MOD | * Insert a part of Q6/20 (IoT identification) | * IoT identification issues under SG20 should be transferred to SG2. |
| SG3 | NOC |  | * Maintain current SG3 |
| SG5 | NOC |  | * Maintain current SG5 |
| SG9 | NOC |  | * Maintain current SG9 |
| SG11 | NOC |  | * Maintain current SG11 |
| SG12 | NOC |  | * Maintain current SG12 |
| SG13 | NOC |  | * Maintain current SG13 |
| SG15 | NOC |  | * Maintain current SG15 |
| SG16 | NOC |  | * Maintain current SG16 |
| SG17 | MOD | * Insert a part of Q6/20 (IoT security) | * IoT security under SG20 should be transferred to SG17. |
| SG20 | MOD | * Transfer a part of Q6/20 (IoT identification) to SG2 * Transfer the rest of Q6/20 (IoT security) to SG17 | * IoT identification issues should be transferred to SG2. * IoT security should be transferred to SG17. |

**Annex B**

**Proposed changes to the List of lead Study Groups in part 2 of Annex A to WTSA Resolution 2 (Rev. Hummamet, 2016)**

Part 2 – Lead ITU‑T study groups in specific areas of study

SG2 Lead study group on numbering, naming, addressing, identification and routing  
Lead study group on service definition  
Lead study group on telecommunications for disaster relief/early warning, network resilience and recovery  
Lead study group on telecommunication management  
Lead study group for Internet of things identification

SG3 Lead study group on tariff and accounting principles relating to international telecommunications/ICT  
Lead study group on economic issues relating to international telecommunications/ICT  
Lead study group on policy issues relating to international telecommunications/ICT

SG5 Lead study group on electromagnetic compatibility, lightning protection and electromagnetic effects  
Lead study group on ICTs related to the environment, climate change, energy efficiency and clean energy  
Lead study group on circular economy, including e‑waste

SG9 Lead study group on integrated broadband cable and television networks

SG11 Lead study group on signalling and protocols, including for IMT-2020 technologies  
Lead study group on establishing test specifications, conformance and interoperability testing for all types of networks, technologies and services that are the subject of study and standardization by all ITU‑T study groups  
Lead study group on combating counterfeiting of ICT devices  
Lead study group on combating the use of stolen ICT devices

SG12 Lead study group on quality of service and quality of experience  
Lead study group on driver distraction and voice aspects of car communications  
Lead study group on quality assessment of video communications and applications

SG13 Lead study group on future networks such as IMT-2020 networks (non-radio related parts)   
Lead study group on mobility management  
Lead study group on cloud computing   
Lead study group on trusted network infrastructures

SG15 Lead study group on access network transport  
Lead study group on home networking  
Lead study group on optical technology  
Lead study group on smart grid

SG16 Lead study group on multimedia coding, systems and applications  
Lead study group on ubiquitous multimedia applications  
Lead study group on telecommunication/ICT accessibility for persons with disabilities  
Lead study group on human factors   
Lead study group on multimedia aspects of intelligent transport system (ITS) communications  
Lead study group on Internet protocol television (IPTV) and digital signage  
Lead study group on multimedia aspects of e‑services

SG17 Lead study group on security  
Lead study group on identity management   
Lead study group on languages and description techniques

SG20 Lead study group on Internet of things (IoT) and its applications  
Lead study group on smart cities and communities, including its e‑services and smart services

*Note: A consolidated draft text for modifications to WTSA Resolution 2 (TSAG-TD840R1), which contains changes proposed by ITU-T Study Groups, is being discussed in TSAG. Based on the results of the discussions at TSAG, it may be necessary to respect the proposed amendments from each Study Group.*

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_