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| itu_logo | World Telecommunication Standardization Assembly (WTSA-16) Hammamet, 25 October - 3 November 2016 | | CCITT/ITU-T 60th Anniversary logo |
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| PLENARY MEETING | | Addendum 6 to Document 45-E | |
|  | | 26 September 2016 | |
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| European Common Proposals | | | |
| reorganisation of the work of ITU-T study groups | | | |
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| **Abstract:** | Europe proposes a number of changes in the structure and responsibilities of ITU-T study groups aiming to lead to a more coherent approach to standardization work. In addition, amendments are proposed to the part 2 of Annex A to Resolution 2 (Rev. Dubai, 2012) concerning the list of lead Study Groups. |

Introduction

Resolution 2 (Rev. Dubai 2012) reflects the structure of the technical groups and their associated responsibilities within the ITU-T. There has been much discussion on principles that are being used in the discussions on restructuring of the ITU-T technical groups. Such principles focus on achieving efficiency and effectiveness and removing duplication of effort from the ITU-T.

Proposal

Europe’s proposals are set out in the table below followed by proposed modifications to the List of lead Study Groups in part 2 of Annex A to Resolution 2 (Rev. Dubai, 2012). They are based on the outcome from TSAG. The main target is to get a more coherent approach to standardization work within ITU-T and to improve the focus of the work of each study group, mainly through the dissolution of some of the study groups, the transfer of some questions across study groups.

EUR/45A6/1

European proposals for reorganisation of ITU-T Study Groups

| Current ITU‑T SG | Proposed action | Description | Rationale | Resulting SG structure (main areas) |
| --- | --- | --- | --- | --- |
| TSAG | NOC |  |  | Current TSAG |
| Revcom | SUP |  | TSAG has proposed to suppress Resolution 82 |  |
| SG2 | MOD | • Maintain Q1, 2 & 3/2 (numbering, naming, addressing, routing and service provision)  • Transfer Q4 (human factors) to SG16  • Transfer WP2/2 (telecommunication management and network and service operations in Q5, Q6 and Q7) to SG13 | • Greater efficiency  • Small focussed lead SG to support other activities | SG2 focussed on numbering, naming, addressing, identification, routing and service provision |
| SG3 | NOC |  |  | SG3 focussed on tariff and accounting principles for international telecommunications, including related economic and policy issues |
| SG5 | NOC |  |  | SG5 focussed on environment and climate change |
| SG9 | SUP | • Transfer Q2/9 (end-to-end QoS) & Q12/9 (audiovisual quality) to SG12  • Transfer other Questions to SG15 | • Exploit the natural synergy of the responsibilities between SG9 and SG15  • SG12 is in charge of QoS | SG9 dissolved |
| SG11 | SUP | • Transfer Q10, 11 & 15/11 (testing) to SG12  • Transfer Q12/11 (IoT testing) to SG20  • Transfer other Questions (signalling requirements and protocol for emerging networks; SDN and resource control; attachment and service networking) to SG13 | • Some questions of SG13 and SG11 have already moved to SG20 during this study period | SG11 dissolved |
| SG12 | MOD | • Insert Q10, 11 & 15/11 (testing)  • Insert Q2/9 (end-to-end QoS) & Q12/9 (audiovisual quality) | • Similar responsibilities and activities | SG12 focussed on performance, QoS and QoE |
| SG 13 | MOD | • Insert Questions from SG11 (signalling requirements and protocol for emerging networks; SDN and resource control; attachment and service networking) except Q10, 11, 12 & 15/11  • Insert WP2/2 (telecommunication management and network and service operations) | • The work of SG11 on protocols and the work of SG13 on future networks form a natural study group  • Work of SG13 includes big data | SG13 focussed on future networks |
| SG15 | MOD | Merge with part of SG9 (video transport, cable-related terminals and applications) | • Exploit the natural synergy of the responsibilities between SG9 and SG15 | SG15 focussed on transport aspects of all networks and optical technologies |
| SG16 | MOD | Insert Q4/2 (human factors) | • Overlap and similar work | SG16 focussed on multimedia and human factors |
| SG17 | NOC |  |  | SG17 focussed on security |
| SG20 | MOD | Insert Q12/11 (IoT testing) | • Similar areas of responsibility and overlap of issues | SG20 focussed on IoT and smart cities |

MOD EUR/45A6/2#37731

RESOLUTION 2 (REV.HAMMAMET, 2016)

ITU Telecommunication Standardization Sector study group  
 responsibility and mandates

*(Helsinki, 1993; Geneva, 1996; Montreal, 2000; Florianópolis, 2004;  
 Johannesburg, 2008; 2009[[1]](#footnote-1); Dubai, 2012; 2015[[2]](#footnote-2); 2016[[3]](#footnote-3), Hammamet, 2016)*

The World Telecommunication Standardization Assembly (Hammamet, 2016),

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PART 2 – LEAD ITU-T STUDY GROUPS IN SPECIFIC AREAS OF STUDY

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

SG5 Lead study group on electromagnetic compatibility 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

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 (FN) including IMT-2020 networks (non-radio related parts)  
Lead study group on mobility management and next-generation networks (NGN)  
Lead study group on cloud computing  
Lead study group on big data  
Lead study group on signalling and protocols  
Lead study group on test specifications, conformance and interoperability testing

SG15 Lead study group on access network transport  
Lead study group on optical technology  
  
Lead study group on smart grid  
Lead study group on integrated broadband cable and television networks

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 intelligent transport system (ITS) communications  
Lead study group on Internet Protocol television (IPTV) and digital signage

SG17 Lead study group on security  
Lead study group on identity management (IdM)  
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 (SC&C)

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1. Changes to the ITU-T Study Group 5 mandate agreed by TSAG on 30 April 2009. [↑](#footnote-ref-1)
2. Creation of ITU-T Study Group 20 by TSAG on 5 June 2015. [↑](#footnote-ref-2)
3. Changes to the ITU-T Study Group 20 mandate agreed by TSAG on 5 February 2016. [↑](#footnote-ref-3)