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| ITU logo | INTERNATIONAL TELECOMMUNICATION UNION  **TELECOMMUNICATION STANDARDIZATION SECTOR**  STUDY PERIOD 2017-2020 | | | TSAG – R 9 – E |
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| **TELECOMMUNICATION STANDARDIZATION ADVISORY GROUP**  **REPORT 9** | | | | |
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| **Title:** | | | Report of the fifth TSAG meeting (Geneva, 10-14 February 2020) | |
| **Purpose:** | | | Admin | |
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| **Keywords:** | TSAG; report; |
| **Abstract:** | The report of the fifth meeting of the ITU-T Telecommunication Standardization Advisory Group (Geneva, 10-14 February 2020) in the 2017-2020 study period. |

NOTE 1 –This report contains the conclusions and actions decided at this TSAG meeting.

NOTE 2 – Unless otherwise noted, all Contributions and TDs referenced in this report are of the TSAG series of documents.

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# Opening of the meeting, TSAG Chairman

The TSAG Chairman, Mr Bruce Gracie (Ericsson Canada), welcomed the TSAG participants to the fifth meeting of the Telecommunication Standardization Advisory Group (TSAG) for the 2017-2020 study period, which was held at the ITU premises in Geneva, 10-14 February 2020. Mr Gracie was assisted by Mr Bilel Jamoussi, Chief of ITU-T study groups department.

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| 1.1 | Real-time captioning[[1]](#footnote-2), interpretation in six languages, remote participation using a new tool Interprefy and webcasting[[2]](#footnote-3) were provided at this TSAG meeting including its six Rapporteur Group meetings. |
| 1.2 | Mr Gracie welcomed the ITU Secretary General, Mr Houlin Zhao, the TSB Director, Mr Chaesub Lee; and the BDT Director, Ms Doreen Bogdan-Martin; the other elected officials sent their regrets as they could not attend. |
| 1.3 | The following TSAG Vice-Chairmen attended the meeting: Ms Rim Belhassine-Cherif (Tunisie Telecom), Mr Reiner Liebler (Germany), Mr Victor Manuel Martinez Vanegas (Mexico), Mr Vladimir Minkin (Russian Federation), and Mr Matano Ndaro (Kenya). Ms Weiling Xu (China, P.R.) participated remotely, Mr Omar Tayseer Al-Odat (Jordan) and Ms Monique Morrow (United States) were not able to attend and sent their regrets. |
| 1.4 | [TD684](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0684) holds the final list of participants. In total, 179 participants attended this fifth TSAG meeting: 44 Member States, five Sector Members (ROAs), 17 Sector Members (SIOs), nine Sector Members (RIOs), one Sector Member (Other entities), one Regional Organization, one Permanent Mission, three Academia, two as per Resolution 99, two invited experts, and nine ITU staff, and three elected officials of the ITU. Several participants attended remotely. |
| 1.5 | The TSAG Rapporteur Groups on Regional Groups (RG-CPTRG), on Review of WTSA Resolutions (RG-ResReview), on Strengthening Collaboration (RG-SC), on Standardization Strategy (RG-StdsStrat), on Work Programme (RG-WP) and on Working Methods (RG-WM) met during this TSAG meeting. The TSAG Rapporteur Group on Strategic and Operational Plan (RG-SOP) did not meet during this TSAG meeting. |

# Opening remarks by the ITU Secretary General

The ITU Secretary General, Mr Houlin Zhao, provided his opening remarks, which are reflected in [TD770](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0770).

# Opening remarks by the TSB Director

The TSB Director welcomed all delegates to this fifth meeting of TSAG in this 2017-2020 study period (his speech is contained in [TD688](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0688)).

# TSAG Chairman's comments and observations

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| 4.1 | The TSAG Chairman informed the meeting that Mr Bilel Jamoussi had taken over the responsibilities for TSAG from Mr Reinhard Scholl. The Chairman thanked Mr Scholl for his TSAG secretariat service since 2010. |
| 4.2 | Mr Gracie apologized for the overlap of this TSAG meeting with the cluster of Council Working Group meetings, EG-ITR and WTPF-21 meetings; and said that the TSAG management team will be exploring possibilities to avoid such overlaps in the future. He added that the prominent topic of this TSAG meeting was the ITU-T restructuring debate, and that the 13 Contributions and several TDs that were submitted, would all be discussed in detail within RG-WP. Plans were also underway to organize an interregional meeting prior to the next TSAG meeting for consultations among the six regional organizations in view of their preparations for WTSA-20. He pointed to TSB Circular letter 202 (22 January 2020), which called for the nomination of chairmen and vice chairmen for TSAG, SCV and the ITU-T study groups, and which provided indication of the chairmen and vice chairmen that had reached their end of term in office. Mr Gracie added that this TSAG meeting would also follow-up on actions from the previous TSAG meeting. The Chairman also invited all delegates to the reception kindly sponsored by the Kingdom of Saudi Arabia in the evening. |

# Approval of the agenda, document allocation and time management plan

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| 5.1 | The TSAG Chairman presented the draft agenda, document allocation and work plan ([TD641](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0641)-R1). TD641-R1 was adopted with the addition of C126 at the end of agenda item 11. TSAG accepted the time management plan in [TD640](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0640)-R1, which was further revised into TD640-R6, and the overview of the agendas and reports in [TD639](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0639). The meeting agreed that any changes to the reports of the Rapporteur Group meetings from the last TSAG meeting would first be discussed with the respective Rapporteur Groups, and that issues with the TSAG Report 8 would be addressed off-line. |
| 5.2 | TSAG adopted [TD642](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0642) containing the agenda for the TSAG closing plenary meeting that took place on 14 February 2020. |
| 5.3 | [TD692](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0692)-R2 lists all the contributions submitted and considered during this 5th TSAG meeting and its Rapporteur Groups. [TD769](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0769) provides the list of all the TDs of the meeting and of the Rapporteur Groups. |

# Reports by the TSB Director

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| 6.1 | The TSB Director, Mr Chaesub Lee, presented the ITU-T activity report ([TD656](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0656), slide set in Addendum 1) highlighting the key results achieved in ITU-T standardization from September to December 2019. Mr Lee also informed the meeting of two e-meetings held by the IPR-AHG, where a constructive dialogue had taken place concerning the IPR disclaimer note on the boiler page of ITU-T Recommendations, and added that more time was necessary for the Group to finalize their discussions. |
| 6.1.1 | Russian Federation informed the meeting that the IPR-AHG is considering and reviewing an issue found in Recommendation ITU-T A.25 clause 6.1.6. |
| 6.1.2 | TSAG took note of the TSB Director's report in TD656, and continues to closely monitor the activities of the IPR-AHG. |
| 6.2 | The Regional Director of the Regional Office for the Americas, Mr Bruno Ramos, remotely presented [TD664](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0664) “Contribution of the ITU Regional Offices to the ITU-T Operational Plan and Coordination activities with TSB”, which summarizes contributions of the ITU Regional Offices to the implementation of the ITU-T four-year rolling operational plan as requested by the Resolution 25 (Rev. Dubai 2018) of the ITU Plenipotentiary Conference. |
| 6.2.1 | The meeting took note of this report. |
| 6.3 | The Chief of the ITU Financial Resources Management Department, Mr Alassane Ba, presented the ITU draft Operational Plan for 2021-2024 in [TD659](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0659), which invited TSAG to review the implementation of the 2019 Operational Plan as well as the 2021-2024 draft Operational Plan. As regards to the latter, TSAG is invited to provide its comments to Council which has the responsibility to review and approve the ITU Operational Plan for 2021-2024. |
| 6.3.1 | Since TSAG RG-SOP did not find time to meet during this TSAG meeting, delegates were asked to review further this draft Operational Plan for 2021-2024 and to provide comments to Mr Ba. RG-SOP should meet at the next TSAG meeting. |
| 6.4 | Mr Martin Euchner, TSB, presented the progress achieved in the implementation of the updated WTSA-16 Action Plan (in [TD657](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0657)), which is a monitoring and reporting tool to keep track of the implementation of WTSA-16 Resolutions and Opinion. The updates cover the period since September 2019. TSAG took note of the document. |
| 6.5 | Mr Martin Euchner, TSB, presented the progress achieved in the implementation of the updated PP-18 action plan for ITU-T (in [TD658](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0658)), which is a monitoring and reporting tool to keep track of the implementation of the Resolutions of the Plenipotentiary Conference. The updates cover the period since September 2019. TSAG took note of the document. |

# Draft TSAG report to WTSA-20

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| 7.1 | Mr Bruce Gracie introduced [TD694](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0694) “Draft Report of TSAG to WTSA-20”, which contains the initial draft report of TSAG to WTSA-20 for the 2017-2020 study period. |
| 7.1.1 | The meeting took note of TD694. |

# Focus Groups

## 8.1 ITU-T Focus Group on Quantum Information Technology for Networks (FG-QIT4N)

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| 8.1.1 | The United States presented [C112](https://www.itu.int/md/T17-TSAG-C-0112) “Ensuring impact of the Focus Group on Quantum Information Technology For Networks (FG-QIT4N)”, wherein the United States wants to reiterate the importance of the FG’s activities and outputs being consistent with and in scope with the Terms of Reference for the Focus Group. |
| 8.1.2 | The Co-Chairman FG-QIT4N, Mr Alexey Borodin, presented [TD726](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0726)-R1, which contains the progress report of FG-QIT4N since its establishment at the 4th TSAG meeting. |
| 8.1.3 | Mr Heung-Youl Youm, ITU-T SG17 Chairman, presented [TD682](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0682) (ITU-T SG13 Chairman, ITU-T SG17 Chairman) “Follow-up activities on Quantum work consolidation”, which follow up on quantum work consolidation, and summarizes the activities of ITU-T SG13 and of SG17 since the establishment of the FG on QIT4N. |
| 8.1.4 | The meeting took note of TD726-R1 and of TD682. |

## 8.2 ITU-T Focus Group on Environmental Efficiency for Artificial Intelligence and other Emerging Technologies (FG-AI4EE)

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| 8.2.1 | Ms Reyna Ubeda, TSB, on behalf of the FG-AI4EE co-Chairman, presented [TD718](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0718) “LS on the first meeting of ITU-T Focus Group on Environmental Efficiency for Artificial Intelligence and Other Emerging Technologies (FG-AI4EE) [from FG-AI4EE]”, which contains information on the first meeting of ITU-T Focus Group on Environmental Efficiency for Artificial Intelligence and other emerging technologies (FG-AI4EE). |
| 8.2.2 | The meeting took note of TD718. |

## 8.3 ITU-T Focus Group on Technologies for Network 2030 (FG-NET2030), and “new IP”

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| 8.3.1 | Mr Richard Li, Chairman of FG-NET2030, verbally provided a progress report of FG-NET2030. |
| 8.3.2 | RTFM presented [C133](https://www.itu.int/md/T17-TSAG-C-0133) “ITU-T Focus Group Technologies for Network 2030 (FG NET-2030) and ‘new IP’”, which considers it to be essential that members are given sufficient time to analyse the output of FG NET-2030 and its subsequent assessment by Study Group 13 so that they can properly consider the potential impact before deciding which further steps, if any, are appropriate. |
| 8.3.3 | RIPE NCC presented [C135](https://www.itu.int/md/T17-TSAG-C-0135) “Response to ‘New IP, Shaping Future Network’ proposal”, which recommends against making any changes to ITU-T structures and recommends against pursuing the proposed work on ‘New IP’. |
| 8.3.4 | Mr Noah Luo, ITU-T SG16 Chairman, presented [TD697](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0697) “LS/r on new IP, shaping future network (TSAG-LS23) [from ITU-T SG16]”, which answers [TSAG-LS23](https://www.itu.int/ifa/t/2017/ls/tsag/sp16-tsag-oLS-00023.zip) and provides comments to TSAG on the proposal for studying new IP. |
| 8.3.5 | Mr Nasser Saleh Al Marzouqi, ITU-T SG20 Chairman, presented [TD710](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0710) “LS/r on New IP, Shaping Future Network (TSAG-LS23) [from ITU-T SG20]”, which replies to ITU-T TSAG on “New IP, Shaping Future Network”. |
| 8.3.6 | The meeting heard several views from members, and agreed to organize an information session about the work of FG-NET2030 during the lunch break on Tuesday, 11 February 2020. The FG-NET2030 chairman, Mr Richard Li, gave a presentation. |
| 8.3.7 | The meeting took note of [TD757](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0757)-R1 “TSAG Information Session on Network 2030” as presented by Mr Leo Lehmann, ITU-T SG13 Chairman, which contains the material from the information session about the work of the FG-NET2030. |
| 8.3.8 | The meeting agreed the outgoing liaison statement in [TD762](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0762) “LS/o about TSAG Information Session on Network 2030”, communicates the material from the information session mentioned above to all ITU-T study groups. |

# Joint Coordination Activity on Accessibility and Human factors (JCA-AHF)

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| 9.1 | Mr Simão Campos, TSB, on behalf of the JCA-AHF Chairman, Ms Andrea Saks (USA), presented [TD673](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0673) “JCA-AHF progress report (Geneva, 10 October 2019)”, which contains the report on the JCA-AHF meeting (Geneva, 10 October 2019). Attached to this report is also TSAG-TD487 containing the report on the JCA-AHF meeting (Geneva, 11 June 2019). |
| 9.1.1 | TSAG took note of the progress report. |

# 10 WTSA-20 preparations

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| 10.1 | India presented [TD767](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0767) “World Telecommunication Standardization Assembly (WTSA-20) and Global Standards Symposium (GSS-20)”, which provides an update on the logistics and the preparation for the events for WTSA-20 to be held in Hyderabad India from 17 to 27 November 2020 preceded by GSS-20 on 16 November 2020. The TD reports on a site visit of the ITU Secretariat in December 2019 to the Hyderabad International Convention Centre (HICC) where the Indian Administration plans to host WTSA-20, and on the status of the development of the host country agreement. It was noted that detailed logistic information would be soon available from the host country and would be posted on the ITU website. |
| 10.1.1 | The meeting took note with appreciation of this information. |
| 10.2 | Mr Chaesub Lee, TSB Director, introduced [TD717](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0717) “Food for thought on SG structure in preparation for WTSA-20”, which holds his ideas for one possible way forward to group the existing working parties. |
| 10.2.1 | The meeting agreed to discuss TD717 in more detail within RG-WP. |
| 10.3 | Canada introduced [C111](https://www.itu.int/md/T17-TSAG-C-0111) (Canada, Ericsson Canada, Ciena Canada, BlackBerry) “Proposed new WTSA Resolution on the importance of industry engagement”, which proposes a new Resolution, recognizing the importance of engaging the industry more fully in the work of ITU-T. There was support for the principles behind the proposal. Some additional discussion on the proposal was held during the RG-WP sessions. |
| 10.4 | Mr Martin Euchner, TSB, introduced [TD733](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0733) “Draft updated mapping of WTSA Resolutions and ITU-T A-Series Recommendations to TSAG Rapporteur groups”, which updates TSAG-TD069-R2 and lists all WTSA-16 Resolutions, one WTSA Opinion – sorted thematically – and all ITU-T A-Series Recommendations and Supplements, and provides a mapping to all the TSAG Rapporteur Groups now in place. |
| 10.4.1 | The meeting agreed that all TSAG Rapporteur Groups consider further TD733. |
| 10.5 | Mr Rob Clark, TSB, organized a tutorial/information session during the lunch break on 12 February 2020. He presented [TD731](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0731) “WTSA-20: Tools and guidelines for document preparation, submission and tracking” to explain the web-based tools available for preparing, submitting and tracking proposals to WTSA-20. He also provided practical guidance on the preparation of WTSA-20 documents. |
| 10.6 | The Russian Federation introduced [C126](https://www.itu.int/md/T17-TSAG-C-0126) “Resolution 1 and A.1 amendment”, which proposes amendments to WTSA Resolution 1 and to Recommendation ITU-T A.1 with the intent to provide more transparency for users. |
| 10.6.1 | The meeting agreed to discuss C126 further within RG-WM. |

# 11 Languages

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| 11.1 | One Member State observed that translation and harmonization of the ITU-T web pages into the six UN languages needs improvements and coordination with the other ITU Sectors, in accordance with PP Resolution 158. |
| 11.2 | Another Member State suggested it would be useful to have a session with interpretation during ITU-T study group meetings at some time before the closing plenary to give delegates the opportunity to present and discuss their contributions in languages other than English. |
| 11.3 | The meeting asked TSB to take the observation and suggestion into account. |

# 12 Bridging the Standardization Gap

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| 12.1 | The Central African Republic presented [C100](https://www.itu.int/md/T17-TSAG-C-0100) “Promoting the BSG programme in developing countries”, which sees much value in the promotion of the BSG programme in developing countries and the establishment of national standardization secretariats which could enhance standardization activities at national level and the participation and contribution of developing countries in ITU-T study groups. |
| 12.2 | Mr Bilel Jamoussi, Chief of ITU-T Study Groups Department, presented [TD727](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0727)-R1 “Update on Bridging the Standardization Gap activities”, which underscores the main activities carried out under the purview of the BSG programme (in line with WTSA-16 Resolution 44). |
| 12.3 | Canada offered information on its national standardization secretariat called [Canadian National Organization for ITU-T](https://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/h_sf02075.html) , and the meeting encouraged the Central African Republic to contact Canada for more information. |

# 13 Kaleidoscope

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| 13.1 | Ms Alessia Magliarditi, TSB, presented [TD689](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0689) "Evaluation of Kaleidoscope 2019 papers with respect to relevance in ITU activities and ITU Kaleidoscope 2020". This TD provides an overview of the ITU Kaleidoscope academic conference 2019, which was held in Atlanta, Georgia, United States, from 4-6 December 2019, and its papers, and announces the next Kaleidoscope edition “Industry-driven digital transformation”, that will be held in Hanoi, Viet Nam, 7-9 September 2020. TSAG took note of TD689. |

# 14 ITU Journal: *ICT Discoveries*

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| 14.1 | Ms Alessia Magliarditi, TSB, presented [TD690](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0690) "ITU Journal: *ICT Discoveries*", which provides information on the publication of the latest special issue on radio wave propagation of the ITU Journal: ICT Discoveries, and announces the upcoming special issue on “The future of video and immersive media”. TSAG took note of TD690. |

# 15 Results of TSAG Rapporteur Groups

Six TSAG Rapporteur Groups conducted their work and brought their results to the TSAG closing plenary. The reports were agreed. The Plenary decisions are summarized below. [Annex A](#_Annex_B_Summary_1) to this report provides a table listing the TDs with the reports of the various Rapporteur Groups, the liaison statements they produced and the interim activities that are planned.

[TD691](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0691)-R2 summarizes the incoming statements received by TSAG since 28 September 2019, and the outgoing liaison statements approved by the meeting and sent up to 23 March 2020.

## 15.1 TSAG Rapporteur Group on Regional Groups (RG-CPTRG)

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| 15.1.1 | The Rapporteur of RG-CPTRG, Mr Kwame Baah-Acheamfuor (Ghana), presented the report of RG-CPTRG in [TD645](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0645). TSAG agreed the report. |
| 15.1.2 | The Rapporteur further presented [TD766](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0766) “Summary of Outcomes for TSAG Rapporteur Group on Creation, Participation and Termination of Regional Groups (RG-CPTRG)”, which provides the summary of outcomes for TSAG Rapporteur Group on Creation, Participation and Termination of Regional Groups (RG-CPTRG). |
| 15.1.3 | TSAG took note of TD766 and recognized that RG-CPTRG has completed its work. TSAG agreed to close the Rapporteur Group on Creation, Participation and Termination of Regional Groups (RG-CPTRG). The meeting agreed to reflect the results of RG-CPTRG in the report of TSAG to WTSA-20, and thanked Mr Kwame Baah-Acheamfuor for his excellent leadership. |

## 15.2 TSAG Rapporteur Group on Review of WTSA Resolutions (RG-ResReview)

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| 15.2.1 | The Rapporteur of RG-ResReview, Mr Vladimir Minkin (Russian Federation), presented the report of RG-ResReview in [TD647](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0647). TSAG agreed the report. |
| 15.2.2 | TSAG agreed to send two liaison statements:   1. [TSAG-LS30-R1](https://www.itu.int/ifa/t/2017/ls/tsag/sp16-tsag-oLS-00030r1.zip) on streamlining resolutions for action to ITU Inter-Sector Coordination Group (ISCG), ITU secretariat's Inter-Sector Coordination Task Force (ISC-TF), TDAG and RAG; 2. [TSAG-LS29](https://www.itu.int/ifa/t/2017/ls/tsag/sp16-tsag-oLS-00029.zip) on WTSA-20 regional focal points and coordinators to APT, ATU, CEPT, CITEL, LAS, and RCC. |
| 15.2.3 | TSAG authorized RG-ResReview to hold two interim meetings, if contributions are submitted, on reviewing WTSA resolutions, including streamlining as in the scope of this Rapporteur Group; see [Annex A](#_Annex_B_Summary_1).   1. One face-to-face meeting with e-meeting facilities during Council 2020; 2. One e-meeting in August 2020. |
| 15.2.4 | RG-ResReview will meet during the sixth TSAG meeting. |

## 15.3 TSAG Rapporteur Group on Strengthening Collaboration (RG-SC)

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| 15.3.1 | The Rapporteur of RG-SC, Mr Glenn Parsons (Ericsson Canada), presented the report of RG-SC in [TD649](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0649). TSAG agreed the report. |
| 15.3.2 | TSAG agreed to send one outgoing liaison statement on ITU inter-Sector coordination to ISCG, RAG and TDAG (in [TSAG-LS31](https://www.itu.int/ifa/t/2017/ls/tsag/sp16-tsag-oLS-00031.zip)) which refers to updated mappings of common interest areas of work between the ITU-D and ITU-T study groups and between the ITU-R and ITU-T study groups for ITU inter-Sector coordination. |
| 15.3.3 | RG-SC will meet during the sixth TSAG meeting. |

## 15.4 TSAG Rapporteur Group on Strategic and Operational Plan (RG-SOP)

This Rapporteur Group did not meet at this TSAG meeting.

## 15.5 TSAG Rapporteur Group on Standardization Strategy (RG-StdsStrat)

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| 15.5.1 | The Rapporteur of RG-StdsStrat, Ms Rim Belhassine-Cherif (Tunisie Telecom), presented the results and meeting report in [TD651](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0651). TSAG agreed the report. |
| 15.5.2 | TSAG agreed to send an outgoing liaison statement in [TSAG-LS32](https://www.itu.int/ifa/t/2017/ls/tsag/sp16-tsag-oLS-00032.zip) on hot topics to all ITU-T study groups. |
| 15.5.3 | TSAG authorized RG-StdsStrat to hold up to three interim e-meetings (see [Annex A](#_Annex_A_Summary)) if contributions are received. RG-StdsStrat will meet during the sixth TSAG meeting. Subjects for discussion would include the prioritization of statistics, the SDG mapping guidelines, and issues related to hot topics (definition, measurement, usage, etc.). |
| 15.5.4 | TSAG thanked Ms Rim Belhassine-Cherif for her excellent leadership since October 2019. |
| 15.5.5 | TSAG confirmed that Mr Arnaud Taddei (Broadcom) is the rotating Rapporteur for RG-StdsStrat from March 2020 until September 2020. |

## 15.6 TSAG Rapporteur Group on Work Programme (RG-WP)

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| 15.6.1 | The Rapporteur of RG-WP, Mr Reiner Liebler (Germany), presented the RG-WP report in [TD655](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0655)-R1. TSAG agreed the report. |
| 15.6.2 | TSAG endorsed the following changes of Questions in ITU-T study groups:   * SG13: modification to Q20/13 “IMT-2020: Network requirements and functional architecture” as found in [TD704;](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0704) * SG15: merging of Q7/15 “Characteristics of optical components and subsystems” and of Q6/15 “Characteristics of optical systems for terrestrial transport networks” into renamed Question 6/15 “Characteristics of optical components, subsystems and systems for optical transport networks”, as found in [TD750](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0750); * SG15: merging of Q15/15 “Communications for smart grid” and Q18/15 “Broadband in-premises networking” into renamed Q18/15 “Technologies for in-premises networking and related access applications”, as found in [TD750](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0750); * SG16: creation of new Question Q23/16 “Digital culture-related systems and services”, as found in [TD699](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0699), and requested SG16 to take into account the need to coordinate work with UNESCO and other institutions working on the digital culture field, and for SG16 to work in close liaison with a number of ISO/IEC JTC1/SCs. TSAG requested SG16 to review the text of the Question, if appropriate, to take into account comments in Annex A of [TD741](ttps://www.itu.int/md/T17-TSAG-200210-TD-GEN-0741); |
| 15.6.3 | TSAG agreed to send an outgoing liaison response statement in [TSAG-LS26](https://www.itu.int/ifa/t/2017/ls/tsag/sp16-tsag-oLS-00026.docx) on creation of new Question 23/16 (Digital culture-related systems and services) for action to SG16, and for information to ITU-T Study Groups 2, 3, 5, 9, 11, 12, 13, 15, 17 and 20. |
| 15.6.4 | TSAG agreed to send an outgoing liaison statement in [TSAG-LS27](https://www.itu.int/ifa/t/2017/ls/tsag/sp16-tsag-oLS-00027.zip) on WTSA-20 preparations concerning work programme and structure to all ITU-T study groups. |
| 15.6.5 | TSAG agreed to send an outgoing liaison statement in [TSAG-LS28](https://www.itu.int/ifa/t/2017/ls/tsag/sp16-tsag-oLS-00028.zip) on WTSA-20 preparations concerning work programme and structure to regional organizations. |
| 15.6.6 | TSAG authorized RG-WP to hold one interim meeting with remote facilities in Geneva, Switzerland, 5-7 August 2020, with the objective to progress the restructuring discussions. RG-WP will meet at the sixth TSAG meeting. |

## 15.7 TSAG Rapporteur Group on Working Methods (RG-WM)

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| 15.7.1 | The Rapporteur of RG-WM, Mr Stephen Trowbridge (USA), presented the report of RG-WM in [TD653](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0653). TSAG agreed the report. |
| 15.7.2 | TSAG approved the revised text of *the Rapporteur and Editor Manual in* [TD760](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0760/en). |
| 15.7.3 | TSAG agreed to send an outgoing statement in [TSAG-LS34](https://www.itu.int/ifa/t/2017/ls/tsag/sp16-tsag-oLS-00034.docx) on the announcement of the approved *Rapporteur and Editor Manual* to all ITU-T study groups. |
| 15.7.4 | TSAG authorized RG-WM to organize two interim e-meetings (see [Annex A](#_Annex_B_Summary_1)). The exact date of the meeting will be decided later by RG-WM Rapporteur upon consultations and will be circulated via TSAG e-mail list. Subjects for discussion would include the changes to Resolution 1 and Recommendation ITU-T A.1 submitted to TSAG by the Russian Federation, and the definition of ‘consensus’ submitted by Canada. |

# 16 Remote Participation during a crisis

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| 16.1 | Mr Bilel Jamoussi, Chief of ITU-T study groups department, presented [TD754](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0754) “Remote Participation during a crisis”, which reviews possible solutions for remote participation during meetings in case of crisis and force majeure. TSAG took note of this TD. |
| 16.2 | The United States requested that the remote participation tool Interprefy undergoes more testing, as many remote presenters had lost their speaking slots due to technical difficulties, and taking into consideration that the tool needs to be operated easily especially by persons with disabilities and special needs. |
| 16.3 | The TSB Director apologized for the inconveniences and technical problems related to the remote participation tool used. He experienced the same difficulties when using Interprefy remotely, and found the tool too complicated and not a feasible solution for developing countries with limited broadband connectivity. He requested the ITU General Secretariat for improvements in order to have a tool that remains stable in terms of connection and that can support inclusivity for all. |

# 17 ITU-T meeting schedule including date of next TSAG meeting

|  |  |
| --- | --- |
| 17.1 | TSAG took note of [TD662](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0662)-R3, with the schedule of ITU-T meetings in 2020. Rev.3 reflects corrections identified during the meeting. |
| 17.2 | TSAG agreed the schedule of the sixth and last TSAG meeting in this study period:   * Monday 21 – Friday 25 September 2020. |
| 17.3 | TSAG agreed the schedule for the ITU-T inter-regional meeting for preparation of WTSA-20:   * Friday 18 – Saturday 19 September 2020. The TSB will issue a TSB Circular to announce this inter-regional meeting well in advance. |

# 18 Any other business

None.

# 19 Consideration of draft meeting Report

As had been the practice in past TSAG meetings, the draft meeting report will be open for review and comments for a period of two weeks.

# 20 Closure of meeting

|  |  |
| --- | --- |
| 20.1 | The TSB Director thanked the meeting for having started the preparations for WTSA-20, the discussion and feedback on the restructuring proposals and their principles, as well as for planning an RG-WP interim meeting, where more considerations will be given to the feedback from the study groups on their proposals, and to the expected inputs from the regional organizations. He also expressed his thanks to the entire TSAG leadership team, the TSAG vice chairmen, the Rapporteurs, the delegates, and the remote participants, as well as the staff, the interpreters, and the captioners. |
| 20.2 | The TSAG Chairman thanked participants for the successful conclusion of this TSAG meeting, in particular the TSAG Vice Chairmen and Rapporteurs, the Chairmen of the study groups, Mr Chaesub Lee, Mr Bilel Jamoussi, Mr Martin Euchner, Ms Lara Al-Mnini, the projection assistants, TSB staff, the delegates for their active participation and their spirit of compromise, and the remote participants, as well as the interpreters and the captioners for their support and work. |
| 20.3 | The TSAG meeting was closed on 14 February 2020 at 1220 hours. |

# Annex A Summary of results of the TSAG Rapporteur Groups

| Rapporteur Group | RG Report | Outgoing liaison statements | Future meetings |
| --- | --- | --- | --- |
| RG-CPTRG | [TD645](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0645), [TD766](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0766) | * None. | * None. |
| RG-ResReview | [TD647](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0647) | * LS/o on streamlining to ITU Inter-Sector Coordination Group (ISCG), ITU secretariat's Inter-Sector Coordination Task Force (ISC-TF), TDAG, RAG (in [TSAG-LS30-R1](https://www.itu.int/ifa/t/2017/ls/tsag/sp16-tsag-oLS-00030r1.zip)) * LS/o on WTSA-20 regional focal points and coordinators to APT, ATU, CITEL, CEPT, RCC, and LAS ([TSAG-LS29](https://www.itu.int/ifa/t/2017/ls/tsag/sp16-tsag-oLS-00029.zip)). | * Two interim meetings if contributions are submitted on reviewing WTSA resolutions, including streamlining as in the scope of this Rapporteur Group.   + One face-to-face meeting with e-meeting facilities during Council 2020;   + One e-meeting in August 2020. * Next TSAG meeting. |
| RG-SC | [TD649](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0649) | * LS/o on ITU inter-Sector coordination to ISCG, TDAG, RAG (in [TSAG-LS31](https://www.itu.int/ifa/t/2017/ls/tsag/sp16-tsag-oLS-00031.zip)). | * Next TSAG meeting. |
| RG-SOP | --- | * None. | * Next TSAG meeting. |
| RG-StdsStrat | [TD651](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0651) | * LS/o on hot topics to all ITU-T study groups] (in [TSAG-LS32](https://www.itu.int/ifa/t/2017/ls/tsag/sp16-tsag-oLS-00032.zip)) | Up to three interim e-meetings on the basis that contributions will be received.  Contributions having a strategic nature are invited until the next TSAG meeting, in particular, on   * The prioritization of statistics * The SDGs mapping guideline * Issues related to hot topics (definition, measurement, usage, etc.)   The interim e-meetings will also analyse the Communiqués of the TSB Director CxO meetings and review the replies from Study Group on hot topics.  The interim e-meetings are open to all ITU-T members.  Three e-meetings are planned:   * + Thursday, 23 April 2020, 1300-1500 hours Geneva time   + Thursday, 2 July 2020, 1300-1500 hours Geneva time   + Friday, 4 September 2020, 1300-1500 hours Geneva time.   Next TSAG meeting. |
| RG-WM | [TD653](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0653) | * LS/o on the announcement of the approved *the Rapporteur and Editor Manual* to all ITU-T study groups ([TSAG-LS34](https://www.itu.int/ifa/t/2017/ls/tsag/sp16-tsag-oLS-00034.docx)). | * Two interim e-meetings before next TSAG meeting with dates to be determined. The dates for each activity will be elaborated and announced in a due course after consultations.   The interim meetings have the following terms of reference:   * + 1st e-meeting: Review of Recommendation ITU-T A.7.   + 2nd e-meeting: WTSA Resolution 1 review and Recommendation ITU-T A.1.   For both meetings, contributors should advise whether they wish any contribution submitted to this meeting to be considered, or should submit an update to one of these proposals, or any new proposals within the indicated terms of reference.   * Next TSAG meeting. |
| RG-WP | [TD655](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0655)-R1 | * LS/o on creation of new Question 23/16 (Digital culture-related systems and services) to SG16 ([TSAG-LS26](https://www.itu.int/ifa/t/2017/ls/tsag/sp16-tsag-oLS-00026.docx)) * LS/o on WTSA-20 preparations concerning work programme and structure to all ITU-T study groups ([TSAG-LS27](https://www.itu.int/ifa/t/2017/ls/tsag/sp16-tsag-oLS-00027.zip)). * LS/o on WTSA-20 preparations concerning work programme and structure to all Regional Organizations ([TSAG-LS28](https://www.itu.int/ifa/t/2017/ls/tsag/sp16-tsag-oLS-00028.zip)). | * One interim meeting with remote facilities in Geneva, Switzerland, 5-7 August 2020, with the objective of progress the restructuring discussions. * Next TSAG meeting. |

# Annex B TSAG work programme

| Work item | New/ Revised | Title | Editor | Latest draft in | Timing |
| --- | --- | --- | --- | --- | --- |
| None |  |  |  |  |  |

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1. <https://extranet.itu.int/sites/itu-t/studygroups/2017-2020/tsag/SitePages/Captioning-Archive.aspx> [↑](#footnote-ref-2)
2. Webcast recording is available at <https://www.itu.int/en/ITU-T/tsag/2017-2020/Pages/webcasts-l.aspx>. The direct link to the archived webcast is [here](https://www.itu.int/webcast/archive2/t2017-20tsag?order=field_start_date&sort=desc). [↑](#footnote-ref-3)