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| A black and white logo  Description automatically generated with low confidence | INTERNATIONAL TELECOMMUNICATION UNION  **TELECOMMUNICATION STANDARDIZATION SECTOR**  STUDY PERIOD 2022-2024 | | | TSAG-TD002 |
| TSAG |
| Original: English |
| **Question(s):** | | | N/A | Geneva, 12-16 December 2022 |
| **TD** | | | | |
| **Source:** | | | TSAG Management Team | |
| **Title:** | | | Agenda, document allocation and work plan (Geneva, 12-16 December 2022) | |
| **Contact:** | | Bilel Jamoussi TSB | | Tel: +41 22 730 6311 E-mail: [tsbtsag@itu.int](mailto:tsbtsag@itu.int) |

|  |  |
| --- | --- |
| **Abstract:** | This TD holds the draft agenda for this TSAG meeting. |

**Action**: TSAG is invited to review and approve this draft agenda.

Status: 8 December 2022, 1500 hours.

TSAG Contributions available at: <https://www.itu.int/md/T22-TSAG-221212-C>

TSAG TDs available at: <https://www.itu.int/md/T22-TSAG-221212-TD>

* The draft TSAG plenary agenda is found on page [14](#_Draft_Agenda) onwards.
* Allocation of Contributions to TSAG Plenary, to Working Parties, and to TSAG Rapporteur Groups, is found on page 2.
* Allocation of TDs to TSAG Plenary, to Working Parties, and to TSAG Rapporteur Groups, is found on page 4.

(TD, C) = optional discussion

# Table 1 – Initial Allocation of Contributions to TSAG Plenary, TSAG Working Parties, and TSAG Rapporteur Groups

| **Contribution #, Source**  **Title** | **TSAG-PLEN** | **WP1 (WMW)** | **RG-WM** | **RG-WTSA** | **WP2 (IEWPR)** | **RG-WPR** | **RG-IEM** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| [C1](https://www.itu.int/md/T22-TSAG-C-0001): United States  Comments on AHG-GME output on conduct of meetings with remote participation |  |  | [C1](https://www.itu.int/md/T22-TSAG-C-0001) |  |  |  |  |
| [C2](https://www.itu.int/md/T22-TSAG-C-0002): Korea (Republic of)  Proposal for a way forward for future work with the result of AHG-GME |  |  | [C2](https://www.itu.int/md/T22-TSAG-C-0002) |  |  |  |  |
| [C3](https://www.itu.int/md/T22-TSAG-C-0003): Electronics and Telecommunications Research Institute (ETRI) (Korea (Rep. of)), Korea (Rep. of), KT Corporation (Korea (Rep. of)), SK Telecom (Korea (Rep. of)), Soonchunhyang University (Korea (Rep. of))  Proposal for the establishment of Focus Group on metaverse and related issues | [C3](https://www.itu.int/md/T22-TSAG-C-0003) |  |  |  |  |  |  |
| [C4](https://www.itu.int/md/T22-TSAG-C-0004): A1 Telekom Austria AG, Mandat International (Switzerland), Telecom Italia S.p.A. (Italy), Vodafone GmbH (Germany)  Proposal to revise A.Suppl.2 "Guidelines on interoperability experiment |  |  | [C4](https://www.itu.int/md/T22-TSAG-C-0004) |  |  |  |  |
| [C5](https://www.itu.int/md/T22-TSAG-C-0005): China Mobile Communications Co. Ltd., China Telecommunications Corporation, China Unicom, Huawei Technologies Co., Ltd. (China), Ministry of Industry and Information Technology (MIIT) (China), ZTE Corporation (China)  Propose to start a new work item on developing WTSA preparation guideline on Resolutions |  |  |  | [C5](https://www.itu.int/md/T22-TSAG-C-0005) |  |  |  |
| [C6](https://www.itu.int/md/T22-TSAG-C-0006): Beijing University of Posts and Telecommunications (China), CAS Quantum Network Co. Ltd. (China), Ministry of Industry and Information Technology (MIIT) (China), QuantumCTek Co., Ltd. (China)  Propose to establish JCA-QKDN | [C6](https://www.itu.int/md/T22-TSAG-C-0006) |  |  |  |  |  |  |
| [C7](https://www.itu.int/md/T22-TSAG-C-0007): United States  Continuing study of revisions to Rec. ITU-T A.7 |  |  | [C7](https://www.itu.int/md/T22-TSAG-C-0007) |  |  |  |  |
| [C8](https://www.itu.int/md/T22-TSAG-C-0008): Federal Network Agency for Electricity, Gas, Telecommunications, Post and Railway (Germany)  Support of new TSAG structure organization, and leadership for the 2022-2024 study period | [C8](https://www.itu.int/md/T22-TSAG-C-0008) |  |  |  |  |  |  |
| [C9](https://www.itu.int/md/T22-TSAG-C-0009): Japan Industrial Imaging Association, KDDI Corporation (Japan), Keio University (Japan), Mitsubishi Electric Corporation (Japan), National Institute of Information and Communications Technology (NICT) (Japan), NEC Corporation (Japan), Oki Electric Industry Company Ltd. (OKI) (Japan), Rakuten Mobile, Inc. (Japan), SoftBank Corporation (Japan), Waseda University (Japan)  Proposal to create a Focus group on metaverse in ITU-T SG16 | [C9](https://www.itu.int/md/T22-TSAG-C-0009) |  |  |  |  |  |  |
| [C10](https://www.itu.int/md/T22-TSAG-C-0010): Canada  Comments on the establishment of a new Focus Group on Metaverse | [C10](https://www.itu.int/md/T22-TSAG-C-0010) |  |  |  |  |  |  |
| [C11](https://www.itu.int/md/T22-TSAG-C-0011): Canada, Ciena Canada, Ericsson Canada, Inc.  Comments on TD110: Output Report on AHG-GME; TSAG input to Annex 1 of PP Resolution 167 |  |  | [C11](https://www.itu.int/md/T22-TSAG-C-0011) |  |  |  |  |
| [C12](https://www.itu.int/md/T22-TSAG-C-0012): Canada, Ciena Canada  SG15 work on SMART cables |  |  |  |  | [C12](https://www.itu.int/md/T22-TSAG-C-0012) |  |  |
| [C13](https://www.itu.int/md/T22-TSAG-C-0013): Germany, Netherlands, Romania, Sweden, United Kingdom  Proposed New ITU Focus Group on the Metaverse | [C13](https://www.itu.int/md/T22-TSAG-C-0013) |  |  |  |  |  |  |
| [C14](https://www.itu.int/md/T22-TSAG-C-0014): Canada, Netherlands, Romania, Sweden, United Kingdom  Industry Engagement with the ITU-T |  |  |  |  | [C14](https://www.itu.int/md/T22-TSAG-C-0014) |  | [C14](https://www.itu.int/md/T22-TSAG-C-0014) |
| [C15-R1](https://www.itu.int/md/T22-TSAG-C-0015): China Information Communication Technologies Group, China Mobile Communications Co. Ltd., China Telecommunications Corporation, China Unicom, Huawei Technologies Co., Ltd. (China), ZTE Corporation (China)  On membership engagement in ITU-T |  |  |  |  |  |  | [C15-R1](https://www.itu.int/md/T22-TSAG-C-0015) |
| [C16](https://www.itu.int/md/T22-TSAG-C-0016): Canada, Ericsson Canada, Inc., InterDigital Canada Ltee  Development of a one-pager for WTSA chairpersons |  |  |  | [C16](https://www.itu.int/md/T22-TSAG-C-0016) |  |  |  |
| [C17](https://www.itu.int/md/T22-TSAG-C-0017): Russian Federation  Streamlining WTSA and PP resolutions |  |  |  | [C17](https://www.itu.int/md/T22-TSAG-C-0017) |  |  |  |
| [C18](https://www.itu.int/md/T22-TSAG-C-0018): Russian Federation  On proposed TSAG structure | [C18](https://www.itu.int/md/T22-TSAG-C-0018) |  |  |  |  |  |  |
| [C19](https://www.itu.int/md/T22-TSAG-C-0019): Russian Federation  On establishing common approach on using term "metaverse" within ITU | [C19](https://www.itu.int/md/T22-TSAG-C-0019) |  |  |  |  |  |  |
| [C20](https://www.itu.int/md/T22-TSAG-C-0020): Broadcom Corporation (United States)  Industry Engagement: observations and proposals |  |  |  |  | [C20](https://www.itu.int/md/T22-TSAG-C-0020) (only CxO section) |  | [C20](https://www.itu.int/md/T22-TSAG-C-0020) |
| **Contribution #, Source**  **Title** | **TSAG-PLEN** | **WP1 (WMW)** | **RG-WM** | **RG-WTSA** | **WP2 (IEWPR)** | **RG-WPR** | **RG-IEM** |
| *Number of contributions* | 8 | 0 | 5 | 3 | 3 | 0 | 3 |

# Table 2 – Initial Allocation of TDs to TSAG Plenary, TSAG Working Parties, and TSAG Rapporteur Groups

| **TD#, Source**  **Title** | **TSAG-PLEN** | **WP1 (WMW)** | **RG-WM** | **RG-WTSA** | **WP2 (IEWPR)** | **RG-WPR** | **RG-IEM** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| [TD001-R1](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0001): TSAG Management Team  Draft time management plan (Geneva, 12-16 December 2022) | [TD001-R1](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0001) |  |  |  |  |  |  |
| [TD002](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0002): TSAG Management Team  Agenda, document allocation and work plan (Geneva, 12-16 December 2022) | [TD002](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0002) |  |  |  |  |  |  |
| [TD003](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0003): TSAG Management Team  Agenda for the TSAG closing plenary meeting on Friday, 16 December 2022 | [TD003](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0003) |  |  |  |  |  |  |
| [TD004](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0004): TSAG Chairman  (draft) Report of the first TSAG meeting (Geneva, 12-16 December 2022) |  |  |  |  |  |  |  |
| [TD005-R1](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0005): TSB  Overview of draft agendas and reports (12-16 December 2022) | [TD005-R1](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0005) |  |  |  |  |  |  |
| [TD006](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0006): WP1 Chairman  Opening WP1 agenda |  | [TD006](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0006) |  |  |  |  |  |
| [TD007](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0007): WP1 Chairman  Closing WP1 agenda |  | [TD007](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0007) |  |  |  |  |  |
| [TD008](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0008): WP1 Chairman  (Draft) WP1 meeting report | [TD008](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0008) |  |  |  |  |  |  |
| [TD009](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0009): WP2 Chairman  Opening WP2 agenda |  |  |  |  | [TD009](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0009) |  |  |
| [TD010](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0010): WP2 Chairman  Closing WP2 agenda |  |  |  |  | [TD010](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0010) |  |  |
| [TD011](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0011): WP2 Chairman  (Draft) WP2 meeting report | [TD011](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0011) |  |  |  |  |  |  |
| [TD012](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0012): Rapporteur RG-IEM  Agenda RG-IEM |  |  |  |  |  |  | [TD012](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0012) |
| [TD013](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0013): Rapporteur RG-IEM  Report RG-IEM |  |  |  |  | [TD013](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0013) |  |  |
| [TD014](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0014): Rapporteur RG-WM  Agenda RG-WM |  |  | [TD014](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0014) |  |  |  |  |
| [TD015](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0015): Rapporteur RG-WM  Report RG-WM |  | [TD015](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0015) |  |  |  |  |  |
| [TD016](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0016): Rapporteur RG-WPR  Agenda RG-WPR |  |  |  |  |  | [TD016](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0016) |  |
| [TD017](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0017): Rapporteur RG-WPR  Report RG-WPR |  |  |  |  | [TD017](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0017) |  |  |
| [TD018](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0018): Rapporteur RG-WTSA  Agenda RG-WTSA |  |  |  | [TD018](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0018) |  |  |  |
| [TD019](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0019): Rapporteur RG-WTSA  Report RG-WTSA |  | [TD019](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0019) |  |  |  |  |  |
| [TD020](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0020): TSB Director  Report of activities in ITU-T (from January to November 2022) | [TD020](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0020) |  |  |  |  |  |  |
| [TD021](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0021): ITU Regional Office Directors  Contribution of the ITU Regional Offices to the ITU-T Operational Plan and Coordination activities with TSB | [TD021](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0021) |  |  |  |  |  |  |
| [TD022](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0022): TSB Director  Report of the Global Standards Symposium (GSS-20) and the World Telecommunication Standardization Assembly (WTSA-20) | [TD022](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0022) |  | [TD022](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0022) |  |  |  |  |
| [TD023](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0023): Director of the Telecommunication Standardization Bureau  Highlights of ITU Plenipotentiary Conference 2022 of interest to ITU-T | [TD023](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0023) |  |  |  |  |  |  |
| [TD024](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0024): TSB Director  Action plan related to the Resolutions and Opinion of WTSA |  | [TD024](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0024) | [TD024](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0024) |  |  |  |  |
| [TD025](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0025): TSB  Statistics regarding ITU-T study group work (position of 2022-12-05) |  |  |  |  |  |  | [TD025](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0025) |
| [TD026](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0026): TSB  ITU-T study group Question level statistics (2022) |  |  |  |  |  |  | [TD026](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0026) |
| [TD027](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0027): TSB  Schedule of ITU-T meetings (2023) | [TD027](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0027) |  |  |  |  |  |  |
| [TD028](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0028): Director, Telecommunication Standardization Bureau  Electronic working methods services and database applications report |  | [TD028](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0028) | [TD028](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0028) (§2.3.5) |  |  |  |  |
| [TD029](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0029): ITU-T SG2  LS/i on ITU-T SG2 Lead Study Group Report [from ITU-T SG2] |  |  |  |  |  | [TD029](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0029) |  |
| [TD030](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0030): Chairman, ITU-T Study Group 3  ITU-T SG3 Lead Study Group Report |  |  |  |  |  | [TD030](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0030) |  |
| [TD031](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0031): ITU-T SG5  LS/i on ITU-T SG5 Lead Study Group Report [from ITU-T SG5] |  |  |  |  |  | [TD031](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0031) |  |
| [TD032](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0032): SG9  LSG9 Report |  |  |  |  |  | [TD032](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0032) |  |
| [TD033](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0033): Chairman, ITU-T Study Group 11  ITU-T SG11 Lead Study Group Report |  |  |  |  |  | [TD033](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0033) |  |
| [TD034](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0034): Chairman, ITU-T SG12  ITU-T SG12 Lead Study Group Report |  |  |  |  |  | [TD034](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0034) |  |
| [TD035](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0035): Chairman, ITU-T SG13  ITU-T SG13 Lead Study Group Report |  |  |  |  |  | [TD035](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0035) |  |
| [TD036](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0036): Chairman, ITU-T SG15  ITU-T SG15 Lead Study Group Report |  |  |  |  |  | [TD036](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0036) |  |
| [TD037](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0037): Chairman, ITU-T SG16  ITU-T SG16 Lead Study Group Report (March-December 2022) |  |  |  |  |  | [TD037](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0037) |  |
| [TD038](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0038): ITU-T SG17  LS/i on ITU-T SG17 Lead Study Group Report [from ITU-T SG17] |  |  |  |  |  | [TD038](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0038) |  |
| [TD039](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0039): ITU-T SG20  LS/i on ITU-T SG20 Lead Study Group Report [from ITU-T SG20] |  |  |  |  |  | [TD039](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0039) |  |
| [TD040](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0040): JCA-AHF  ITU-T JCA-AHF progress report | [TD040](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0040) |  |  |  |  |  |  |
| [TD041](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0041): Chairman, ITU-T JCA-DCC  Progress report of the Joint Coordination Activity on Digital COVID-19 Certificates (JCA-DCC) | [TD041](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0041) |  |  |  |  |  |  |
| [TD042](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0042): Chairman AHG-GME  AHG-GME Overall activity chair's report (December 2021 – December 2022) |  | [TD042](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0042) (the main part) | [TD042](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0042) (Annex B) |  |  |  |  |
| [TD043](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0043): SPCG  Report on progress made by the IEC SMB/ISO TMB/ITU-T TSAG Standardization Programme Coordination Group (SPCG) | [TD043](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0043) |  |  |  |  |  |  |
| [TD044](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0044): Liaison officer to ISO/IEC JTC 1  Report of the ISO/IEC JTC 1 Plenary, (Virtual, 1 May 2022) |  |  | ([TD044](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0044)) |  |  | [TD044](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0044) |  |
| [TD045](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0045): TSB  Report of the 21th meeting of the IEC/ISO/ITU World Standards Cooperation (WSC), 25 February 2022, virtual | [TD045](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0045) |  |  |  |  |  |  |
| [TD046](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0046): J-SCTF  Progress report of IEC-ISO-ITU Joint Smart City Task Force (J-SCTF) |  |  |  |  | [TD046](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0046) |  |  |
| [TD047](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0047): Chairman, Collaboration on ITS Communication Standards  Report on Collaboration on ITS Communication Standards and ITS-related activities | [TD047](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0047) |  |  |  |  |  |  |
| [TD048](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0048): Chairman, Inter-Sector Coordination Group (ISCG)  Report of the ISCG | [TD048](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0048) |  |  |  |  |  |  |
| [TD049](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0049): Inter-Sectoral Coordination Task Force (ISC-TF): Report of the ISC-TF | [TD049](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0049) |  |  |  |  |  |  |
| [TD050](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0050): Chairman, Standardization Committee for Vocabulary: Status report of SCV activities | [TD050](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0050) |  |  |  |  |  |  |
| [TD051](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0051): TSB  Organizations newly qualified for ITU-T A.4, A.5 and A.6 in 2022 |  |  |  |  | [TD051](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0051) |  |  |
| [TD052](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0052): TSB  Provisional List of Participants | [TD052](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0052) |  |  |  |  |  |  |
| [TD053](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0053): TSB  Final List of Participants | [TD053](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0053) |  |  |  |  |  |  |
| [TD054](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0055): TSB  TSAG Remote Participation User Guide – Zoom Multilingual | [TD054](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0055) |  |  |  |  |  |  |
| [TD055](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0055): TSB  Newcomer welcome pack for the TSAG meeting (Geneva, 12-16 December 2022) | [TD055](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0055) |  |  |  |  |  |  |
| [TD056](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0056): TSB Director  TSB Director opening address at the TSAG meeting | [TD056](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0056) |  |  |  |  |  |  |
| [TD057](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0057): TSB  Kaleidoscope | [TD057](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0057) |  |  |  |  |  |  |
| [TD058](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0058): Director, TSB  ITU Journal on Future and Evolving Technologies – Publications and Webinar series | [TD058](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0058) |  |  |  |  |  |  |
| [TD059-R1](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0059): TSB  List of incoming and outgoing liaison statements (TSAG, Geneva, 12-16 December 2022) | [TD059-R1](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0059) | [TD059-R1](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0059) | [TD059-R1](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0059) | [TD059-R1](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0059) | [TD059-R1](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0059) | [TD059-R1](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0059) | [TD059-R1](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0059) |
| [TD060](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0060): TSB  Summary of contributions of the first TSAG meeting | [TD060](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0060) |  |  |  |  |  |  |
| [TD061](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0061): TSB  List of TDs of the first TSAG meeting |  |  |  |  |  |  |  |
| [TD062](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0062): TSB Director  Outcomes of WTDC-22 of relevance to ITU-T | [TD062](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0062) |  |  |  |  |  |  |
| [TD063](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0063): Chairman, TSAG  Note to be read at the start of the meeting | [TD063](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0063) |  |  |  |  |  |  |
| [TD064](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0064): Chairman, TSAG  Proposed TSAG structure, organization, and leadership for the 2022-2024 study period | [TD064](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0064) | [TD064](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0064) | [TD064](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0064) | [TD064](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0064) | [TD064](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0064) | [TD064](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0064) | [TD064](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0064) |
| [TD065](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0065)-R1: Chairman, TSAG  TSAG Action plan for the 2022-2024 study period | [TD065-R1](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0065) | [TD065-R1](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0065) | [TD065-R1](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0065) | [TD065-R1](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0065) | [TD065-R1](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0065) | [TD065-R1](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0065) | [TD065-R1](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0065) |
| [TD066](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0066): TSB  Letter of nomination for Mr Shigeru MIYAKE as ITU-T liaison officer to ISO/IEC JTC 1 | [TD066](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0066) |  |  |  |  |  |  |
| [TD067](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0067): SPCG Chair  IEC/ISO/ITU SPCG recommendation on ITU-T SG13's proposal for a new ITU-T Joint Coordination Activity on Machine Learning (JCA-ML) | [TD067](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0067) |  |  |  |  |  |  |
| [TD068](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0068): TSB  New actions for TSAG from PP22 | [TD068](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0068) |  | [TD068](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0068) |  |  |  | [TD068](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0068) |
| [TD069](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0069): TSB  Communiqué of the TSB Director CxO consultation meeting, 6 December 2022, Dubai, United Arab Emirates |  |  |  |  | [TD069](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0069) |  |  |
| [TD070](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0070): ITU-T SG16  LS/r on smart TV Operating System (reply to SG9-LS158) [from ITU-T SG16] |  |  | [TD070](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0070) |  |  |  |  |
| [TD071](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0071): ITU-T SG11  LS/r on the establishment of JCA on digital COVID-19 certificates (JCA-DCC) [from ITU-T SG11] | [TD071](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0071) |  |  |  |  |  |  |
| [TD072](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0072): ITU-T SG13  LS/r on the establishment of JCA on digital COVID-19 certificates (JCA-DCC) (reply to TSAG-LS47) [from ITU-T SG13] | [TD072](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0072) |  |  |  |  |  |  |
| [TD073](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0073): ITU-T FG-AI4H  LS/r on the establishment of JCA on digital COVID-19 certificates (JCA-DCC) (TSAG-LS47) [from FG-AI4H] | [TD073](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0073) |  |  |  |  |  |  |
| [TD074](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0074): ITU-T SG2  LS/i on Telecommunication Management and OAM Project Plan [from ITU-T SG2] |  |  |  |  |  | [TD074](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0074) |  |
| [TD075](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0075): ITU-T SG17  LS/i on request to update security contacts and to provide information on security-related Recommendations or other texts under development [from ITU-T SG17] | [TD075](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0075) |  |  |  |  |  |  |
| [TD076](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0076): ISCG  LS/i on Access to documents on intersectoral activities [from ISCG] |  |  |  |  | [TD076](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0076) |  |  |
| [TD077](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0077): ISCG  LS/i on Machine translation [from ISCG] | [TD077](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0077) |  |  |  |  |  |  |
| [TD078](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0078): ITU-T SG17  LS/r on Intelligent Transportation Systems (ITS) (reply to TSAG-LS49) [from ITU-T SG17] |  |  |  |  |  | [TD078](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0078) |  |
| [TD079](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0079): ITU-T SG11  LS/i on ITU recognition of Testing Laboratories [from ITU-T SG11] |  |  |  |  |  | [TD079](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0079) |  |
| [TD080](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0080): ITU-T SG13  LS/i on New Joint Coordination Activity on Machine Learning (JCA-ML) [from ITU-T SG13] | [TD080](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0080) |  |  |  |  |  |  |
| [TD081](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0081): ITU-T SG13  LS/i on the approval of a new ITU-T Supplement on use cases for autonomous networks [from ITU-T SG13] |  |  |  |  |  | [TD081](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0081) |  |
| [TD082](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0082): ITU-T SG13  LS/i on the consent of Recommendation ITU-T Y.3181 (ex-Y.ML-IMT2020-sandbox) "Architectural framework for Machine Learning Sandbox in future networks including IMT-2020" [from ITU-T SG13] |  |  |  |  |  | [TD082](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0082) |  |
| [TD083](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0083): ITU-T SG11  LS/i on work progress on QKDN protocols in SG11 [from ITU-T SG11] |  |  |  |  |  | [TD083](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0083) |  |
| [TD084](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0084): ITU-T SG5  LS/r on Consideration for accessible meetings (reply to TSAG-LS50) [from ITU-T SG5] | [TD084](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0084) |  |  |  |  |  |  |
| [TD085](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0085): ITU-T SG5  LS/r on Intelligent Transportation Systems (ITS) (reply to TSAG-LS49) [from ITU-T SG5] | [TD085](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0085) |  |  |  |  |  |  |
| [TD086](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0086): ITU-T SG5  LS/r on the outcomes of FG QIT4N (reply to TSAG-LS46) [from ITU-T SG5] |  |  |  |  | [TD086](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0086) |  |  |
| [TD087](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0087): ITU-T SG20  LS/r on Consideration for accessible meetings (reply to TSAG-LS50) [from ITU-T SG20] | [TD087](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0087) |  |  |  |  |  |  |
| [TD088](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0088): ITU-T SG20  LS/r on highlights from the first meeting of the Joint Coordination Activity on Digital COVID-19 Certificates (JCA-DCC) (reply to JCA-DCC-LS1 and TSAG-LS47) [from ITU-T SG20] | [TD088](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0088) |  |  |  |  |  |  |
| [TD089](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0089): ITU-T SG20  LS/i on "Acknowledgement of the approval of the extension of the lifetime of J-SCTF" [from ITU-T SG20] | [TD089](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0089) |  |  |  |  |  |  |
| [TD090](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0090): ITU-T SG20  LS/r on the outcomes of FG QIT4N (reply to TSAG-LS46 and FG-QIT4N-LS24) [from ITU-T SG20] |  |  |  |  | [TD090](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0090) |  |  |
| [TD091](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0091): ITU-T SG13  LS/r on request to update security contacts and to provide information on security-related Recommendations or other texts under development (reply to SG17-LS2) [from ITU-T SG13] |  |  |  |  |  | [TD091](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0091) |  |
| [TD092](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0092): ITU-T SG11  LS/r on Consideration for accessible meetings (TSAG-LS50) [from ITU-T SG11] | [TD092](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0092) |  |  |  |  |  |  |
| [TD093](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0093): ITU-T SG17  LS/i on the JCAs under the responsibility of SG17 [from ITU-T SG17] | [TD093](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0093) |  |  |  |  |  |  |
| [TD094](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0094): ITU-T SG17  LS/i on the establishment of a Focus Group on the "immersive virtual universe" [from ITU-T SG17] | [TD094](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0094) |  |  |  |  |  |  |
| [TD095](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0095): ITU-T SG13  LS/i on Establishment of the Correspondence Group for datasets applicable for AIML in networks (CG-datasets for AIML in networks) [from ITU-T SG13] |  |  |  |  |  | [TD095](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0095) |  |
| [TD096](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0096): ITU-T SG9  LS/r on smart TV Operating System (SG16-LS282) [from ITU-T SG9] |  |  | [TD096](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0096) |  |  |  |  |
| [TD097](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0097): ITU-T SG15  LS/i on the new version of the Access Network Transport (ANT) Standards Overview and Work Plan [from ITU-T SG15] |  |  |  |  |  | [TD097](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0097) |  |
| [TD098](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0098): ITU-T SG15  LS/i on the new version of the Home Network Transport (HNT) Standards Overview and Work Plan [from ITU-T SG15] |  |  |  |  |  | [TD098](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0098) |  |
| [TD099](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0099): ITU-T SG15  LS/i on OTNT Standardization Work Plan Issue 31 [from ITU-T SG15] |  |  |  |  |  | [TD099](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0099) |  |
| [TD100](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0100): ITU-T SG15  LS/r on Consideration for accessible meetings (reply to TSAG-LS50) [from ITU-T SG15] | [TD100](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0100) |  |  |  |  |  |  |
| [TD101](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0101): ITU-T SG15  LS/r on the outcomes of FG QIT4N (reply to TSAG-LS46) [from ITU-T SG15] |  |  |  |  | [TD101](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0101) |  |  |
| [TD102](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0102): ITU-T SG15  LS/r on the appointment of a vocabulary rapporteur (reply to SCV-LS1) [from ITU-T SG15] | [TD102](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0102) |  |  |  |  |  |  |
| [TD103](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0103): ITU-T SG15  LS/i on concerns with deadline changes in Rec.A.8 [from ITU-T SG15] |  |  | [TD103](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0103) |  |  |  |  |
| [TD104](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0104): ITU-T SG15  LS/i on Guidelines on e-meetings [from ITU-T SG15] |  |  | [TD104](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0104) |  |  |  |  |
| [TD105](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0105): ITU-T SG15  LS/i on ITU-T SG15 EWM Liaison Report [from ITU-T SG15] |  |  | [TD105](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0105) |  |  |  |  |
| [TD106](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0106): ITU-T SG16  LS on the establishment of a new Focus Group on the "metaverse/immersive virtual universe" [from ITU-T SG16] | [TD106](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0106) |  |  |  |  |  |  |
| [TD107](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0107): ITU-T SG16  LS/r on smart TV Operating System (SG9-LS8) [from ITU-T SG16] |  |  | ([TD107](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0107)) |  |  | [TD107](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0107) |  |
| [TD108](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0108): ITU-T SG5  LS/i on PP Resolution 176 on Measurement and assessment concerns related to human exposure to electromagnetic fields [from ITU-T SG5] |  |  |  | [TD108](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0108) |  |  |  |
| [TD109](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0109): ITU-T SG5  LS/i on information on ongoing work on green and low carbon development of Metaverse [from ITU-T SG5] | [TD109](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0109) |  |  |  |  |  |  |
| [TD110](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0110): Chairman, AHG-GME  AHG-GME discussion output on "Conduct of meetings with remote participation" (January-December 2022) |  |  | [TD110](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0110) |  |  |  |  |
| [TD111](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0111): TSB  Some issues identified concerning the AAP process after WTSA-20 changes |  |  | [TD111](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0111) |  |  |  |  |
| [TD112](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0112): Director, TSB  Outcome of PP-22 concerning a draft new Resolution on industry participation |  |  |  |  |  |  | [TD112](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0112) |
| [TD113](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0113): Director, TSB  Activities on gender in ITU-T and TSB | [TD113](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0113) |  |  |  |  |  |  |
| [TD114](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0114): TSB Director  Text on "SMART Submarine Cable Systems" |  |  |  |  | [TD114](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0114) |  |  |
| [TD115](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0115): TSB  TSB Feedback to [ITU-T SG15 EWM Liaison Report (TSAG-TD105)](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0105) |  |  | [TD115](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0115) |  |  |  |  |
| [TD116](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0116): Director TSB  Status update on inclusive language | [TD116](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0116) |  |  |  |  |  |  |
| [TD117-R2](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0117): TSAG management team  TSAG, WTSA-20 and PP-22 results related to working methods |  |  | [TD117-R2](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0117) |  |  |  |  |
| [TD118](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0118): Director, TSB  Candidacy of Eng. Mr Khalid Al-Hmoud, Jordan, as Vice-Chairman of Telecommunication Standardization Advisory Group (TSAG) replacing Eng. Mr Omar Al- Odat, Jordan, for the rest of the Study Period 2022-2024 | [TD118](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0118) |  |  |  |  |  |  |
| [TD119-R1](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0119): Liaison officer to IEC/SMB/SG 12  Progress report for IEC/SMB/SG 12 "Digital Transformation and Systems Approach" |  |  | [TD119-R1](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0119) |  |  |  |  |
| [TD120](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0120): TSB  TSAG leadership team training |  |  |  |  |  |  |  |
| [TD121](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0121)-R1: TSAG management team  Guidance on principles for reviewing WTSA resolutions |  |  |  |  |  | [TD121](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0121)-R1 |  |
| [TD122-R1](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0122): Editor, Rec. ITU-T A.7  Compilation to support the discussion on Recommendation ITU-T A.7 "Focus groups: Establishment and working procedures" |  |  | [TD122-R1](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0122) |  |  |  |  |
| [TD123-R1](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0123): Editor, A Suppl. 4  Working document to support the discussion on a possible revision of Supplement 4 to ITU-T A-series Recommendations "Supplement on guidelines for remote participation" |  |  | [TD123-R1](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0123) |  |  |  |  |
| [TD124](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0124)-R1: TSAG management team  TSAG, WTSA20 and PP22 results and reference materials related Work Programme and Restructuring, SG work, and SG Coordination (RG-WPR) |  |  |  |  |  | [TD124](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0124)-R1 |  |
| [TD125](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0125): ITU-T SG13  LS/i on new Question 10/13 [from ITU-T SG13] |  |  |  |  |  | [TD125](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0125) |  |
| [TD126](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0126): ITU-T SG13  LS/i on updates on New Joint Coordination Activity on Machine Learning (JCA-ML) [from ITU-T SG13] | [TD126](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0126) |  |  |  |  |  |  |
| [TD127](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0127): ITU-T SG13  LS/i on Continuation of JCA-IMT2020 with revised ToR [from ITU-T SG13] | [TD127](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0127) |  |  |  |  |  |  |
| [TD128](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0128): ITU-T WP1/13  LS/i on the initiation of the new work item Y.AN-Arch-fw Architecture Framework for Autonomous Networks [from ITU-T WP1/13] |  |  |  |  |  | [TD128](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0128) |  |
| [TD129](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0129): ITU-T SG13  LS/i on new Focus Group on Metaverse/immersive virtual universe (reply to SG16-LS9) [from ITU-T SG13] | [TD129](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0129) |  |  |  |  |  |  |
| [TD130](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0130): Liaison officer to ISO/IEC JTC 1  Report of the ISO/IEC JTC 1 Plenary, (Tokyo, November 2022) |  |  | ([TD130](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0130)) |  |  | [TD130](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0130) |  |
| [TD131](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0131): Director, TSB  Reference material for WTSA-20 Action 10 "Industry engagement" |  |  |  |  |  |  | [TD131](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0131) |
| [TD132](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0132): SPCG Chair  IEC/ISO/ITU SPCG recommendation on two "metaverse" proposals to IEC/SMB, ISO/TMB, ITU-T/TSAG | [TD132](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0132) |  |  |  |  |  |  |
| [TD133](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0133): Director, TSB  WTSA-20: Use of in-person and virtual options on an equal footing in the activities of the ITU Telecommunication Standardization Sector |  |  | [TD133](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0133) |  |  |  |  |
| [TD134](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0134): ITU-T SG2  LS/i on issues arising from discussions on re-numbering of Kazakhstan’s E.164 country code [from ITU-T SG2] |  |  |  |  |  | [TD134](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0134) |  |
| [TD135](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0135): Director of the Telecommunication Standardization Bureau  WTSA-24 initial thoughts for regional preparatory meetings | [TD135](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0135) |  |  |  |  |  |  |
| [TD136](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0136): Director of the Telecommunication Standardization Bureau  WTSA-24 Inter-regional coordination | [TD136](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0136) |  |  |  |  |  |  |
| [TD137](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0137): Rapporteur, RG-WM  Working document to discuss a possible update of Supplement 2 to ITU T A-series Recommendations |  |  | [TD137](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0137) |  |  |  |  |
| [TD138](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0138): Rapporteur, RG-WM  Working document to discuss possible changes to Rec. ITU-T A.8 |  |  | [TD138](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0138) |  |  |  |  |
| [TD139](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0139): Director TSB  Modification to the Guidelines on application of the common patent policy | [TD139](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0139) |  |  |  |  |  |  |
| [TD140](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0140): TSB  TSAG roadmap to WTSA-24 | [TD140](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0140) |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| **TD#, Source**  **Title** | **TSAG-PLEN** | **WP1 (WMW)** | **RG-WM** | **RG-WTSA** | **WP2 (IEWPR)** | **RG-WPR** | **RG-IEM** |
| *Number of TDs* | 64 | 10 | 27 | 5 | 15 | 34 | 9 |

# Draft Agenda

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Timing**  **(Geneva time)** | **#** | **Agenda Item** | **Docs** | **Summary and Proposal** |
| **Monday, 12 December 2022** | | | | |
|  |  | Draft agenda: this TD.  Draft time management plan: [TD001-R1](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0001)  Overview of agendas and reports: [TD005-R1](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0005)  Summary of contributions: [TD060](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0060)  TSAG Remote Participation: [TD054](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0054)  Provisional List of participants [TD52](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0052). Final List of Participants [TD053](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0053). | | |
| **0930 hours** | **1** | **Opening of the meeting, TSAG Chairman** | [TD063](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0063)  [TD054](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0054) | Note to be read at the start of the meeting  Interactive Remote Participation Guidelines – Zoom |
|  | **2** | **Opening remarks** | | |
|  | 2.1 | ITU Secretary General |  |  |
|  | 2.2 | BDT Director |  |  |
|  | 2.3 | TSB Director |  |  |
|  | 2.4 | TSAG Chairman's comments and observations |  |  |
|  | **3** | **Approval of the agenda, time management plan and document allocation** | | |
|  | 3.1 | TSAG Management Team: Draft agenda, document allocation and work plan | [TD002-Rx](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0002) | This TD for approval. |
|  | 3.2 | TSAG Management Team: Draft time management plan (Geneva, 12-16 December 2022) | [TD001-Rx](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0001) | TD1-Rx for approval. |
|  | **4** | **Director, TSB: Report of activities in ITU-T (from January to December 2022)** | [**TD020**](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0020)  **Slides in Add.1** | This report summarizes progress achieved ITU-T standardization from January to December 2022, as well as measures taken by TSB to enhance the ITU-T standardization platform.  TSAG is invited to take note of this report. |
|  | **5** | **TSAG structure and TSAG organization** | | |
|  | 5.1 | TSAG Chairman: Proposed TSAG structure, organization for the 2022-2024 study period | [TD064](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0064) | This TD proposes the TSAG structure, organization, and leadership for the 2022-2024 study period.  TSAG is invited to approve this proposal. |
|  | 5.2 | Federal Network Agency for Electricity, Gas, Telecommunications, Post and Railway (Germany): Support of new TSAG structure organization, and leadership for the 2022-2024 study period | [C8](https://www.itu.int/md/T22-TSAG-C-0008) | The CEPT considered the outcomes of WTSA-20, taking into account the results and experiences of TSAG in the previous study periods and the actions for TSAG in the current study period, and supports the proposed structure, organization, and leadership for TSAG in the 2022-2024 study period. |
|  | 5.3 | Russian Federation: On proposed TSAG structure | [C18](https://www.itu.int/md/T22-TSAG-C-0018) | This contribution proposes to keep the flat structure of TSAG. At the same time, it is proposed to study the issue of the necessity of introduction of additional working element to the structure such as the Working parties and report the results to WTSA-24. In addition, attention is drawn to the need for a balanced representation of the RTOs in the leadership of the working bodies of TSAG.  Having considered the proposals by doc. TSAG-TD064, and given the shortened study period, the Russian Federation proposes:   * don't to make fundamental (cardinal) changes in the TSAG structure before WTSA-24; * don't establish Working Parties, consider and distribute the expected its tasks between rapporteur groups and the TSAG plenary; * instruct the TSAG Rapporteur Group on WTSA preparation to study the feasibility of restructuring TSAG at WTSA-24;   under the discussing of the structure of TSAG, pay attention to the need to ensure a balanced representation of the regions when appointing the leadership of the TSAG working bodies. |
|  | 5.4 | TSAG Chairman: TSAG Action plan for the 2022-2024 study period | [TD065](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0065)-R1 | This TD collects the action items for TSAG from WTSA Resolutions and from the outcome of WTSA-20, and former Assemblies for the 2022-2024 study period. This TD also includes the actions from PP-22 as per TSAG-TD068.  TSAG is invited to take note of this document. TSAG Working Parties and Rapporteur Groups are invited to utilize this action plan. |
|  | **6** | **Election, Appointments** | | |
|  | 6.1 | TSAG Chairman: Proposed election and appointments | [TD118](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0118)  [TD064](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0064) | TSAG is invited to elect (per CV Art.20 No 244):   * Mr Khalid AL-HMOUD, Jordan, as TSAG Vice Chairman to replace Mr Omar AL-ODAT, Jordan, TSAG Vice Chairman   TSAG is invited to appoint:   * Mr Tobias KAUFMANN, Germany, as WP1 Chairman * Ms Gaëlle MARTIN-COCHER, InterDigital Canada Ltee., as WP2 Chairman * Ms Minah LEE, Korea (Rep. of), as WP1 Vice Chairman * Mr Guy-Michel KOUAKOU, Côte d'Ivoire, as WP2 Vice Chairman * Mr Olivier DUBUISSON, France, as Rapporteur RG-WM * Mr Phil RUSHTON, United Kingdom, as Associate Rapporteur on e-meetings * Ms Fang LI, China (P.R.), as Rapporteur RG-WTSA * Mr Isaac BOATENG, Ghana, as Associate Rapporteur on WTSA Guidelines * Ms Miho NAGANUMA, NEC Corporation, as Rapporteur RG-WPR * Mr Greg RATTA, United States, as Associate Rapporteur on restructuring * Mr Glenn PARSONS, Ericsson Canada, as Rapporteur RG-IEM * Mr Arnaud TADDEI, Broadcom, as Associate Rapporteur on emerging technologies * Mr Noah LUO, Huawei Technologies, as Associate Rapporteur on metrics * Mr Víctor MARTÍNEZ VANEGAS, Mexico, as Rapporteur on Strategic & Operational Plan * Mr Paul NAJARIAN, United States, as liaison coordinator with the Collaboration Intelligent Transportation Systems (CITS)   TSAG is invited to appoint five TSAG Representatives to IEC-ISO-ITU-T Standardization Programme Coordination Group (SPCG):   * Ms Miho NAGANUMA, NEC Corporation * Mr Per FRÖJDH, Telefon AB – LM Ericsson * Mr Ajit JILLAVENKATESA, United States * Mr Olivier DUBUISSON, Orange * Mr Zhicheng QU, ZTE.   TSAG is invited to confirm:   * Ms Andrea SAKS, G3ict, as Chairman JCA-AHF * Mr Heung-Youl YOUM, Korea (Rep. of), as Chairman JCA-DCC * Mr Scott MANSFIELD, Ericsson Canada, as Liaison officer from ITU-T to IETF.   Note: The TSAG Management team had already appointed:   * Mr Shigeru MIYAKE, Hitachi Ltd, as ITU-T Liaison Officer to ISO/IEC JTC1 * Mr Olivier DUBUISSON, Orange, as ITU-T Liaison Officer to IEC/SMB/SG12 "Digital Transformation and Systems Approach"   and had already appointed three TSAG Representatives to ITU Inter-Sector Coordination Group (ISCG) and on Inter-Sector Coordination   * Mr Abdurahman AL HASSAN, TSAG Chairman * Mr Dominique WÜRGES, SG5 Chairman * Mr Noah LUO, SG16 Chairman. |
|  | **7** | **Focus Groups** | | (ref. Rec. ITU-T A.7) |
|  | **7.1** | **Proposed new Focus Group(s)** | | |
|  | 7.1.1 | ITU-T SG16: LS on the establishment of a new Focus Group on the "metaverse/‌immersive virtual universe" [from ITU-T SG16] | [TD106](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0106) | This document provides TSAG and all ITU-T SGs the discussion results at ITU-T SG16 meeting in October 2022 on the establishment of a new Focus Group on the "metaverse/immersive virtual universe" and a proposed draft ToR. It also provides further issues that need to be considered by TSAG. SG16 indicates its willingness to be the parent SG for this new FG.  TSAG is invited to consider further the following issues:   * title of Focus Group regarding trademark issue; * objective and task need to be extended to address additional topics interested by other ITU-T SGs if necessary; * parent group of the FG-metaverse; * leadership team of the FG-metaverse; * other related issues, if any. |
|  | 7.1.2 | Electronics and Telecommunications Research Institute (ETRI) (Korea (Rep. of)), Korea (Rep. of), KT Corporation (Korea (Rep. of)), SK Telecom (Korea (Rep. of)), Soonchunhyang University (Korea (Rep. of)): Proposal for the establishment of Focus Group on metaverse and related issues | [C3](https://www.itu.int/md/T22-TSAG-C-0003) | Korea (Republic of) proposes the establishment of a new Focus Group on metaverse and its modified draft ToR. This contribution also provides our suggestions on related issues for discussion in TSAG.  Korea (Republic of) proposes the following regarding Focus Group establishment and related issues that need to be considered at this TSAG meeting.  Korea (Republic of) proposes the following regarding Focus Group establishment and related issues that need to be considered at this TSAG meeting.   * Establishment of the new Focus Group on Metaverse   Considering the market needs and relevant activities of ITU-T SGs and other SDOs, Korea strongly requests to establish a new ITU-T Focus Group for metaverse and related technologies immediately for rapid promoting and leading the relevant standardization activities on metaverse.   * Trademark issue on the term "Metaverse"   It was noted that trademark issue on the term "Metaverse" was discussed at the CG-Metaverse sessions of ITU-T SG16 meeting as well as at the ITU-T SG17 meeting. Currently, the provisional title was adopted as "metaverse/immersive virtual universe" in draft ToR of Focus Group in TSAG-TD106, incoming liaison statement from ITU-T SG16. However, "immersive virtual universe" is not agreed term yet in ITU-T and the definition and concepts of metaverse should be thoroughly studied in the FG activity. Also, the trademark issue needs to be studied and consulted by the legal office of ITU for clear understanding on this issue.  Therefore, Korea proposes ITU legal office to deal with trademark issue actively and provide advice to this problem as soon as possible for the future standardization work on metaverse related subjects in ITU.  Korea also proposes to use the term "metaverse" for the current title of the new FG until the trademark issue is resolved in ITU. Using the term "immersive virtual universe" for which consensus has not yet been reached is inappropriate and may lead to unnecessary misunderstanding in standardization work on metaverse.   * Parent Group of the new FG   We carefully observed the discussion results regarding parent group of the new Focus Group in TSAG-TD106, including the proposal from ITU-T SG17 in TSAG-TD94.  The metaverse can be realized through the organic combination of many various technological elements. And it is clear that multimedia and related technologies occupy the largest portion of the technologies that realize the metaverse. In this respect, Korea thinks that ITU-T SG16 could be an appropriate location for the new Focus Group on metaverse. ITU-T SG16 can serve as a leading group for metaverse standardization work.  However, if there are several ITU-T SGs wishing to participate in the metaverse standardization work and they have a clear intention to actively participate in the FG activities, TSAG would be considered as the parent group to coordinate the interests of the various SGs and promote the metaverse standardization work smoothly. Korea thinks it should be decided based on the interest and participation level of the relevant SGs.   * ToR of the new FG   The draft ToR of FG-metaverse in TSAG-TD106, is open to further improvement its objectives and tasks to include the areas of interest and topics related to the metaverse of other ITU-T SGs. It seems that general topics corresponding to the areas of several ITU-T SGs are already reflected in the draft FG ToR. However, some content in draft ToR needs to be revised for clear understanding, and it should be supplemented so that the interests of the ITU-T SGs related to the metaverse can be addressed by the Focus Group.  Korea proposes to revise some contents of the draft ToR as attached. It is based on the draft ToR in the LS/i from SG16 in TSAG-TD106 in the revision mode.   * Leadership of the new FG   In order to promote cooperation and balanced participation of interested Study Groups, Korea suggests that experts recommended by SGs who are interested in and actively contribute to Focus Group activities can participate as vice-chairs in the FG to be of established. |
|  | 7.1.3 | Japan Industrial Imaging Association, KDDI Corporation (Japan), Keio University (Japan), Mitsubishi Electric Corporation (Japan), National Institute of Information and Communications Technology (NICT) (Japan), NEC Corporation (Japan), Oki Electric Industry Company Ltd. (OKI) (Japan), Rakuten Mobile, Inc. (Japan), SoftBank Corporation (Japan), Waseda University (Japan): Proposal to create a Focus group on metaverse in ITU-T SG16 | [C9](https://www.itu.int/md/T22-TSAG-C-0009) | Proposal to create a Focus group on metaverse in ITU-T SG16  This contribution proposes to create a new Focus group on metaverse in ITU-T SG16.  In order to accelerate the future standardization on metaverse, this contribution supports to create a new focus group on metaverse (FGM) in ITU-T based on ToR developed by ITU-T SG16 [TD106/GEN] with modification mentioned in the above section during TSAG (Geneva, 12-16 December 2022).  This contribution proposes to be SG16 as the parent group on FGM, because SG16 mandate include multimedia applications, and metaverse is one of multimedia services. The number of the related Questions to ITU-T SG16 shows it. |
|  | 7.1.4 | Canada: Comments on the establishment of a new Focus Group on Metaverse | [C10](https://www.itu.int/md/T22-TSAG-C-0010) | Canada proposes that if TSAG decides to create an ITU-T Focus Group on the Metaverse, this should be parented by TSAG and that the term "Metaverse" should be adopted in the title of the Focus Group.  Considering that quite a few of ITU-T Study Groups will have work items related to Metaverse, and that Metaverse will cover many study areas across ITU-T Study Groups, it is proposed that if TSAG decides to create an ITU-T Focus Group on the Metaverse, this should be parented by TSAG.  Canada has noted that there are concerns regarding the trademark issue on the term "Metaverse" and that an alternate term "immersive virtual universe" has been proposed to replace "Metaverse". Considering that the term "Metaverse" is being used widely in the industry and in other SDOs and standards organizations, and that the term "immersive virtual universe" is not well understood, it is proposed that the new Focus Group should adopt the term "Metaverse" in its title, pending on advice from the ITU legal office. |
|  | 7.1.5 | Germany, Netherlands, Romania, Sweden, United Kingdom: Proposed New ITU Focus Group on the Metaverse | [C13](https://www.itu.int/md/T22-TSAG-C-0013) | ITU-T Study Group 16 has submitted a liaison statement to TSAG providing an overview of work that has been conducted on the metaverse in SG16 which has resulted in SG16 advocating that it should be able to create and parent a Focus Group on the metaverse. However, we believe that the work on the metaverse impacts on a number of ITU-T study groups including SG5, SG12; SG13; SG17 and SG20, that it would be better if a new Focus Group is agreed in TSAG, that TSAG itself should parent the new ITU Focus Group on the metaverse.  Given that there is likely to be a number of ITU-T study groups that will have an active interest in the work of a possible ITU Focus Group on the metaverse, including SG5, SG12, SG13, SG17 and SG20 we believe that TSAG should be the parent of the proposed Focus Group on the metaverse if agreed to be set-up during TSAG, similar to when it parented the ITU Focus Group on Quantum Information Technologies of Networks (FG QIT4N), due to the subject matter being of interest to a number of ITU-T study groups. |
|  | 7.1.6 | Russian Federation: On establishing common approach on using term "metaverse" within ITU | [C19](https://www.itu.int/md/T22-TSAG-C-0019) | Under the general discussion at the TSAG level on establishing establishment of a Focus Group on the so-called "metaverse" issue, the Russian Federation:   can use term proposed by ITU-T SG17 - "immersive virtual universe (i-universe)".   calls to establish, agreed the term, and inform all ITU-T SGs and ITU-D on unified terminology, including CCT ITU;   can support establishing a Focus group within ITU-T in general (depending on discussion) to define and study this new area. |
|  | 7.1.7 | ITU-T SG5: LS/i on information on ongoing work on green and low carbon development of Metaverse [from ITU-T SG5] | [TD109](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0109) | This document contains information on a proposed new work item submitted to ITU T SG5 on green and low carbon development of Metaverse. Taking into consideration the ongoing discussion on the possible creation of a new focus group on Metaverse, ITU T SG5 would like to propose to TSAG to consider integrating environmental sustainability aspects in the ToR of this new FG, if it is to be created. |
|  | 7.1.8 | ITU-T SG13: LS/i on new Focus Group on Metaverse/immersive virtual universe (reply to SG16-LS9) [from ITU-T SG13] | [TD129](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0129) | This is the reply LS to ITU-T SG16 (SG16-LS9) pointing out the correlation of the new FG topics under study with some ongoing and future work in SG13.  SG13 recommends that TSAG should be the parent because of giving the well visibility of new FG activity, which is effective for more participation from several SGs.  In addition, SG13 would expect to update ToR for treating cloud infrastructure. |
|  | 7.1.9 | ITU-T SG17: LS/i on the establishment of a Focus Group on the "immersive virtual universe" [from ITU-T SG17] | [TD094](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0094) | SG17 looks forward to collaborating with TSAG on the creation of an ITU-T Focus Group on the "immersive virtual universe" and leading the coordination of the security matters related to any standardization of the "immersive virtual universe", or any other term that may be agreed upon. |
|  | 7.1.10 | SPCG Chair: IEC/ISO/ITU SPCG recommendation on two "metaverse" proposals to IEC/SMB, ISO/TMB, ITU-T/TSAG | [TD132](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0132) | The IEC SMB/ISO TMB/ITU-T TSAG Standardization Programme Coordination Group (SPCG) thanks IEC/SMB for the information of having established IEC SEG15 “Metaverse” and for sharing the proposal from Chinese NC for an IEC SEG on Metaverse, and thanks ITU-T/TSAG for sharing the proposal from ITU-T SG16 for a new ITU-T Focus Group on the "metaverse/immersive virtual universe”.  SPCG has carefully reviewed the content of the two proposals and identified great interest of IEC, ISO, and ITU-T. The topic "metaverse” is of common interest to the three SDOs as a cross-cutting issue of interest to all three organizations and many of their technical groups and committees. We identified a very broad set of commonalities in both proposals.  It is critical that the three organizations work closely together on this subject, to avoid confusion, potential overlap and result in unwanted duplication of efforts when two pre-standardization groups (SEG, FG) would operate in parallel on the same matter; such duplicative activities are counterproductive, and we request the Boards to consider the views and recommendations of the SPCG.  **SPCG recommendation to ITU-TSAG:**  The SPCG recommends IEC/SMB, ISO/TMB, **to establish a joint ISO/IEC Standardization Evaluation Group (JSEG) on “metaverse”**;  and should ITU-T/TSAG create **an ITU-T Focus Group on “metaverse” requests that this group establish close collaboration with the ISO/IEC JSEG on “metaverse”**,  recommends for both initiatives on “metaverse” to report, where possible, in a coherent, harmonized manner to IEC/SMB, ISO/TMB, and to ITU-T/TSAG.  As the creation of Standardization Evaluation Groups have been approved by TMB and is expected to be reflected in the ISO/IEC Directives, the SPCG recommends that the IEC SEG 15 activity be carried out jointly in an ISO/IEC JSEG with close collaboration with the ITU-T Focus Group.  Since SEGs and FGs are open for anyone to participate, the SPCG recommends to the Boards to encourage interested members to participate in those groups on “metaverse”, and those groups on “metaverse” to collaborate closely with each other.  This ISO/IEC JSEG and ITU-T Focus Group cooperation will be important for future standardization activities on ‘metaverse’. Such coordination should involve all relevant committees and technical groups of IEC, ISO, and ITU-T, relevant external partners and relevant fora/consortia are encouraged to participate in the “metaverse” initiatives; an initial list is provided in Annex 1. |
|  | **8** | **Joint Coordination Activities (JCAs)** | | |
|  | **8.1** | **Proposed JCA on Machine-Learning (ITU-T JCA-ML)** | | |
|  | 8.1.1 | ITU-T SG13: LS/i on New Joint Coordination Activity on Machine Learning (JCA-ML) [from ITU-T SG13] | [TD080](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0080) | This LS/o requests the TSAG (and its management team) to accelerate the review and endorsement of the new JCA-ML initiated by the SG13 on 4 July 2020.  TSAG is requested to review, possible to comment and endorse the new JCA-ML. |
|  | 8.1.2 | SPCG Chair: IEC/ISO/ITU SPCG recommendation on ITU-T SG13's proposal for a new ITU-T Joint Coordination Activity on Machine Learning (JCA-ML) | [TD067](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0067) | The IEC SMB/ISO TMB/ITU-T TSAG Standardization Programme Coordination Group (SPCG) thanks for sharing the proposal from ITU-T SG13 to ITU-T TSAG for a new ITU-T Joint Coordination Activity on Machine Learning (JCA-ML).  SPCG has reviewed the content of the proposal and identified interest by both IEC and ISO in this proposal by a number of relevant committees and groups.  SPCG recommendation to ITU-TSAG:   * The SPCG kindly requests TSAG to take into consideration the provided information, to include those groups identified in subsequent coordination activities and to ensure that the JCA monitors the work programmes of other SDO's to detect duplication and to use terms and definitions in a manner consistent with existing standardized definitions in this area; see Annex 2 with amended terms of reference in Objectives I.2 new 2, 3, and 4.   Considering that ITU's scope relates to telecommunications/ICTs, for coordination of activities on applications of machine learning that fall outside of this scope, consider a new group as a collaboration between relevant standards development organizations, with a scope to include ALL applications of machine learning and its related standardization work rather than solely for telecommunications/ICTs. |
|  | 8.1.3 | ITU-T SG13: LS/i on updates on New Joint Coordination Activity on Machine Learning (JCA-ML) [from ITU-T SG13] | [TD126](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0126) | This LS/o provides updates to TSAG and requests TSAG to review and endorse the new JCA-ML initiated by the SG13 on 4 July 2020 with the proposed updated Terms of Reference as found in attachment.  TSAG is requested to review, possible to comment and endorse the new JCA-ML with the Terms of Reference as attached to this communication. |
|  | **8.2** | **Proposed JCA on (ITU-T JCA-QKDN)** | | |
|  | 8.2.1 | Beijing University of Posts and Telecommunications (China), CAS Quantum Network Co. Ltd. (China), Ministry of Industry and Information Technology (MIIT) (China), QuantumCTek Co., Ltd. (China): Propose to establish JCA-QKDN | [C6](https://www.itu.int/md/T22-TSAG-C-0006) | This contribution proposes to establish a new ITU-T Joint Coordination Activity on Quantum Key Distribution Network (JCA-QKDN). Draft Terms of Reference for the proposed JCA-QKDN is provided for consideration.  It is proposed to establish a new ITU-T Joint Coordination Activity on Quantum Key Distribution Network (JCA-QKDN) under TSAG. The draft terms of reference are proposed in the Annex.  TSAG is invited to agree the Terms of Reference. |
|  | **8.3** | **Accessibility and Human factors (JCA-AHF)** | | |
|  | 8.3.1 | Chairman, JCA-AHF: JCA-AHF progress report | [TD040](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0040) |  |
|  | 8.3.2 | ITU-T SG5: LS/r on Consideration for accessible meetings (reply to TSAG-LS50) [from ITU-T SG5] | [TD084](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0084) | ITU-T Study Group 5 has reviewed the liaison statement [TSAG-LS50](http://handle.itu.int/11.1002/ls/sp16-tsag-oLS-00050.docx) containing information on Consideration for accessible meetings. |
|  | 8.3.3 | ITU-T SG11: LS/r on Consideration for accessible meetings (TSAG-LS50) [from ITU-T SG11] | [TD092](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0092) | The liaison answers [TSAG-LS50](http://handle.itu.int/11.1002/ls/sp16-tsag-oLS-00050.docx) and is to reply ITU-T TSAG on "Consideration for accessible meetings". |
|  | 8.3.4 | ITU-T SG15: LS/r on Consideration for accessible meetings (reply to TSAG-LS50) [from ITU-T SG15] | [TD100](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0100) | This LS contains the reply of ITU-T SG15 to TSAG's liaison statement on consideration for accessible meetings and request to appoint a liaison representative to ITU-T JCA-AHF. |
|  | 8.3.5 | ITU-T SG20: LS/r on Consideration for accessible meetings (reply to TSAG-LS50) [from ITU-T SG20] | [TD087](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0087) | This liaison statement answers [TSAG-LS50](https://www.itu.int/ifa/t/2017/ls/tsag/sp16-tsag-oLS-00050.docx).  This Liaison Statement is a reply from ITU-T Study Group 20 to TSAG on consideration for accessible meetings. |
|  | **8.4** | **Digital COVID 19 certificates (ITU-T JCA-DCC)** | | |
|  | 8.4.1 | Chairman, ITU-T JCA-DCC: Progress report of the Joint Coordination Activity on Digital COVID-19 Certificates (JCA-DCC) | [TD041](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0041) | This report provides the proposed revised Terms of Reference of JCA-DCC, and the reports of its recent meetings held on 1 June, 26 August and 2 December 2022.  TSAG is requested to approve the continuation of JCA-DCC in this Study Period with the proposed revised Terms of Reference and to take note of the reports. |
|  | 8.4.2 | ITU-T SG11: LS/r on the establishment of JCA on digital COVID-19 certificates (JCA-DCC) [from ITU-T SG11] | [TD071](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0071) | This liaison statement answers [TSAG-LS47](https://www.itu.int/ifa/t/2017/ls/tsag/sp16-tsag-oLS-00047.docx).  According to the request, SG11 informs TSAG about SG11 representative who will join the JCA-DCC. |
|  | 8.4.3 | ITU-T SG13: LS/r on the establishment of JCA on digital COVID-19 certificates (JCA-DCC) (reply to TSAG-LS47) [from ITU-T SG13] | [TD072](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0072) | This liaison statement answers [TSAG-LS47](https://www.itu.int/ifa/t/2017/ls/tsag/sp16-tsag-oLS-00047.docx).  This LS communicates the name of the SG13 representative to the JCA-DCC. |
|  | 8.4.4 | ITU-T SG20: LS/r on highlights from the first meeting of the Joint Coordination Activity on Digital COVID-19 Certificates (JCA-DCC) (reply to JCA-DCC-LS1 and TSAG-LS47) [from ITU-T SG20] | [TD088](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0088) | This Liaison Statement answers [JCA-DCC-LS1](http://handle.itu.int/11.1002/ls/sp17-jca-dcc-oLS-00001.docx) and [TSAG-LS47](http://handle.itu.int/11.1002/ls/sp16-tsag-oLS-00047.docx) and is a reply from ITU-T Study Group 20 to JCA-DCC and TSAG on the establishment of JCA on digital COVID-19 certificates (JCA-DCC) and the highlights from the first meeting of JCA-DCC. |
|  | 8.4.5 | ITU-T FG-AI4H: LS/r on the establishment of JCA on digital COVID-19 certificates (JCA-DCC) (TSAG-LS47) [from FG-AI4H] | [TD073](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0073) | This liaison statement answers [TSAG-LS47](https://www.itu.int/ifa/t/2017/ls/tsag/sp16-tsag-oLS-00047.docx).  FG-AI4H nominates two representatives to JCA-DCC and informs on its ad-hoc group on digital technologies for COVID health emergency (AHG-DT4HE). |
|  | **8.5** | **JCAs under the responsibility of SG17** | | |
|  | 8.5.1 | ITU-T SG17: LS/i on the JCAs under the responsibility of SG17 [from ITU-T SG17] | [TD093](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0093) | This liaison provides TSAG for its review and endorsement the revised terms of reference (ToR) for the Joint Coordination Activity on Identity Management (JCA-IdM) and the status of the Joint Coordination Activity on Child Online Protection (JCA-COP).  TSAG is asked to endorse the JCA-IdM ToR. |
|  | **8.6** | **JCAs under the responsibility of SG13** | | |
|  | 8.6.1 | ITU-T SG13: LS/i on Continuation of JCA-IMT2020 with revised ToR [from ITU-T SG13] | [TD127](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0127) | TSAG is requested to endorse the continuation of JCA-IMT2020 till the end of the study period (~2024) with the revised Terms of Reference. |
|  | **9** | **Reports by the Director, TSB** | | |
|  | 9.1 | TSB Director: Report of the Global Standards Symposium (GSS-20) and the World Telecommunication Standardization Assembly (WTSA-20) | [TD022](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0022) | This document provides a summary of GSS-20 and WTSA-20.  TSAG is invited to note this document. |
|  | 9.2 | TSB Director: Outcomes of WTDC‑22 of relevance to ITU-T | [TD062](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0062) | This document highlights a number of key outcomes of the World Telecommunication Development Conference (WTDC-22) of particular relevance to ITU-T. WTDC-22 took place from 6 to 16 June 2022, in Kigali, Rwanda, under the theme of "Connecting the unconnected to achieve sustainable development". The WTDC-22 featured the Partner2Connect Digital Development Roundtable from 7 to 9 June 2022 and was preceded by the Generation Connect Global Youth Summit from 2 to 4 June 2022.  TSAG is invited to take note of this document. |
|  | 9.3 | Director of the Telecommunication Standardization Bureau: Highlights of ITU Plenipotentiary Conference 2022 of interest to ITU-T | [TD023](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0023) | This TD summarizes the main highlights of PP-22 with an interest or an impact on ITU-T.  TSAG is invited to note the document. |
|  | 9.4 | TSB: New actions for TSAG from PP22 | [TD068](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0068) | This TD informs about new actions for TSAG from PP-22.  TSAG is invited to take action as appropriate. |
|  | 9.5 | ITU Regional Office Directors: Contribution of the ITU Regional Offices to the ITU-T Operational Plan and Coordination activities with TSB | [TD021](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0021) |  |
|  | **10** | **Coordination with IEC, ISO, IEC-ISO-ITU-T SPCG, IEC-ISO-ITU-T J-SCTF** | | |
|  | 10.1 | TSB: Report of the 21th meeting of the IEC/ISO/ITU World Standards Cooperation (WSC), 25 February 2022, virtual | [TD045](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0045) | Provides the report of the 21st meeting of the IEC/ISO/ITU World Standards Cooperation (WSC), 25 February 2022, virtual.  TSAG is invited to take note of this report. |
|  | 10.2 | SPCG: Report on progress made by the IEC SMB/ISO TMB/ITU-T TSAG Standardization Programme Coordination Group (SPCG) | [TD043](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0043) | This TD reports on the progress made by the IEC SMB/ISO TMB/ITU-T TSAG Standardization Programme Coordination Group (SPCG) since the last TSAG meeting.  TSAG is invited to take note of this report. |
|  | 10.3 | J-SCTF: Progress report of IEC-ISO-ITU Joint Smart City Task Force (J-SCTF) | [TD046](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0046) |  |
|  | 10.4 | ITU-T SG20: LS/i on "Acknowledgement of the approval of the extension of the lifetime of J-SCTF" [from ITU-T SG20] | [TD089](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0089) | Through this Liaison Statement, ITU-T SG20 acknowledges the approval from TSAG management team of the extension of the lifetime of the IEC-ISO-ITU Joint Smart Cities Task Force (J-SCTF). |
|  | **11** | **Inter-Sector Coordination with ITU-D, ITU-R** | | |
|  | 11.1 | Chairman, Inter-Sector Coordination Group (ISCG): Report of the ISCG | [TD048](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0048) | This document presents the report of the Inter-Sector Coordination Group (ISCG) on Issues of Mutual Interest. Last meeting of the ISCG was held on 9th February 2022.  The ISCG was established jointly by the Radiocommunication Advisory Group (RAG), the Telecommunication Standardization Advisory Group (TSAG), and the Telecommunication Development Advisory Group (TDAG) to identifies subjects common to the three Sectors and the General Secretariat, as well as the necessary mechanisms to strengthen cooperation and joint activities among them, on issues of mutual interest.  TSAG is invited to discuss this document and to present comments and proposals to the ISCG on the themes that were presented and on any other possible joint activity among all Sectors and/or bilaterally and on mechanisms to strengthen cooperation. |
|  | 11.2 | ISCG: LS/i on Access to documents on intersectoral activities [from ISCG] | [TD076](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0076) | The ISCG presents information on an option to access and share documents on intersectoral activities among the three Sectors, for information and action. |
|  | 11.3 | Inter-Sectoral Coordination Task Force (ISC-TF): Report of the ISC-TF | [TD049](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0049) | This document presents the report of the Inter-Sectoral Coordination Task Force (ISC-TF). Last meeting of the ISC-TF was held on September 20, 2022.  The ISC-TF was established to enhance the coordination and collaboration among ITU's three Bureaux and the General Secretariat, with a view to avoid internal duplication of effort and optimize the use of resources.  TSAG is invited to note this report and provide feedback on the work and outcomes of the ISC-TF. |
|  | **12** | **Coordination with CITS** | | |
|  | 12.1 | Chairman, Collaboration on ITS Communication Standards: Report on Collaboration on ITS Communication Standards and ITS-related activities | [TD047](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0047) | The document summarizes ITU-T activities in the field of ITS communications since the last meeting of TSAG in January 2022.  TSAG is invited to note the report.  ITU-T study groups with activities related to ITS communications (especially SG2, SG12, SG13, SG16, SG17 and SG20 along with ITU-R SG5) are invited to provide regular updates on their ITS work items to the Collaboration on ITS Communication Standards (CITS). |
|  | 12.2 | ITU-T SG5: LS/r on Intelligent Transportation Systems (ITS) (reply to TSAG-LS49) [from ITU-T SG5] | [TD085](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0085) | ITU-T Study Group 5 reviewed the liaison statement ([TSAG-LS49](https://www.itu.int/ifa/t/2017/ls/tsag/sp16-tsag-oLS-00049.zip)), containing information on ITU-T activities in the field of ITS communications since the last meeting of TSAG in January 2021. |
|  | **13** | **Languages on equal footing** | | (ref. WTSA-20 Res.67) |
|  | 132.1 | Chairman, Standardization Committee for Vocabulary: Status report of SCV activities | [TD050](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0050) | This document contains the report of activities of the Standardization Committee for Vocabulary in the period January to November 2022. |
|  | 13.2 | ITU-T SG15: LS/r on the appointment of a vocabulary rapporteur (reply to SCV-LS1) [from ITU-T SG15] | [TD102](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0102) | This liaison statement answers [SCV-LS1](https://www.itu.int/ifa/t/2022/ls/scv/sp17-scv-iLS-00001.docx).  This LS contains the reply of ITU-T SG15 to the request from Standardization Committee for Vocabulary (SCV) to appoint a vocabulary rapporteur for the 2022-2024 study period. |
|  | 13.3 | Director TSB: Status update on inclusive language | [TD116](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0116) | This document provides a status update on the findings regarding the use of inclusive language in the United Nations and ITU. It also gives some background and presents the positions of some of the ITU-T SGs in this matter. |
|  | 13.4 | ISCG: LS/i on Machine translation [from ISCG] | [TD077](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0077) | The ISCG presents information on the latest developments on machine translation taking place in ITU for information to RAG, TSAG and TDAG.  TSAG is invited to note. |
|  | **14** | **Director, TSB: Activities on gender in ITU-T and TSB** | [**TD113**](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0113) | With a view to continuing the efforts to ensure that ITU-T's work, activities and committees reflect the commitment to gender balance, this document informs TSAG on the progress made and for TSAG to endorse the following actions.   * TSAG to provide feedback on a survey under development on promoting gender equality in ITU Telecommunication Standardization Sector activities * Members are invited to participate in an online survey to share insights on ways to accelerate gender equality in all areas of ITU-T * Members are invited to undertake an online training on how to develop gender responsive standards * TSB to join forces with BDT and BR; to rename the Women in Standardization Expert Group (WISE) to "Network of Women in ITU-T (NoW)" in ITU-T, and to launch the Network of Women (NoW) in ITU-T. |
|  | **15** | **Director, TSB: Kaleidoscope** | [**TD057**](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0057) |  |
|  | **16** | **Director, TSB: ITU Journal on Future and Evolving Technologies – Publications and Webinar series** | [**TD058**](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0058) | The ITU Journal on Future and Evolving Technologies has published seven issues – one regular issue, six special issues – in 2022. Furthermore, seven special issues are still calling for papers for publication in 2023. This document provides details on publications and also on the new Webinar Series launched this year.  TSAG is invited to take noted of TD058. |
|  | **17** | **Any other business** |  |  |
| **1545 hours** | **18** | **Adjourn.** | | |

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| **Friday 16 December 2022, 1430 - 1730 hours** | | | | |
| **Friday 1430 hours** | **19** | Draft agenda closing plenary | [TD3](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0003) | Contains the draft agenda for the closing plenaries for approval. |
|  | **20** | **Reports and results of TSAG Working Parties** | | |
|  | 20.1 | WP1 Chairman: (Draft) WP1 meeting report | [TD008](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0008) |  |
|  | 20.2 | WP2 Chairman: (Draft) WP2 meeting report | [TD011](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0011) |  |
|  | **21** |  |  |  |
|  | **22** | **Additional actions to be undertaken by TSAG** | | |
|  | 22.1 |  |  |  |
|  | **23** | **Director TSB: Modification to the Guidelines on application of the common patent policy** | [TD139](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0139) | This document informs TSAG of changes incorporated in the Guidelines for the Implementation of the Common Patent policy for ITU-T/ITU-R/ISO/IEC. The changes have no impact on ITU. |
|  | **24** | **Preparations for WTSA-24** | | |
|  | 24.1 |  | | |
|  | 24.1.1 | Director of the Telecommunication Standardization Bureau: WTSA-24 initial thoughts for regional preparatory meetings | [TD135](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0135) | This TD presents the initial thoughts for the WTSA-24 preparatory meetings.  TSAG is invited to note the document. |
|  | 24.1.2 | Director of the Telecommunication Standardization Bureau: WTSA-24 Inter-regional coordination | [TD136](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0136) | This TD presents some advanced planning on WTSA-24 Inter-regional coordination.  TSAG is invited to discuss the document in relation to the planning of  WTSA-24 inter-regional meetings (IRMs). |
|  | 24.1.3 | TSB: TSAG roadmap to WTSA-24 | [TD140](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0140) |  |
|  | **25** | **ITU-T meeting schedule including date of next TSAG meeting(s)** |  | The second TSAG meeting in the new study period 2022-2023 is proposed to be scheduled   * Monday 5 – Friday 9 June 2022 (Geneva, tbc) |
|  | 25.1 | TSB Director: Schedule of ITU-T meetings in 2022 | [TD027](https://www.itu.int/md/T22-TSAG-221212-TD-GEN-0027) | This document presents the meetings schedule for ITU-T, TSAG, Inter-regional meeting for preparation of WTSA-20 Study groups, Working parties, and Focus groups in 2023.  TSAG is invited to note the document. |
|  | **26** | **Any other business** | | |
|  | 26.1 | Certificate of appreciation |  |  |
|  | **27** | **Consideration of draft meeting Report** |  | TSAG delegates are invited to comment (14 day comment period) |
|  | **28** | **Closing remarks by the Director, TSB** |  |  |
|  | **29** | **Closure of meeting** | | |
| **End** |  | TSAG finishes at … |  |  |

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