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| ITU logo | INTERNATIONAL TELECOMMUNICATION UNION  **TELECOMMUNICATION STANDARDIZATION SECTOR**  STUDY PERIOD 2017-2020 | | | **TSAG-TD651** |
| **TSAG** |
| **Original: English** |
| **Question(s):** | | | N/A | Geneva, 10-14 February 2020 |
| **TD** | | | | |
| **Source:** | | | Rapporteur, RG-StdsStrat | |
| **Title:** | | | Draft report of the RG-StdsStrat meeting on Standardization Strategy, 12 and 13 February 2020 | |
| **Purpose:** | | | Information and action | |
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| **Keywords:** | RG-StdsStrat meeting report; |
| **Abstract:** | This TD provides the draft report of the TSAG RG meeting on Standardization Strategy (RG-StdsStrat). |
| **Action** | TSAG to take note of the report of the RG-StdsStrat meeting and to take action. |

**Summary report from the 12 and 13 February 2020 TSAG-RG-StdsStrat meeting to the TSAG plenary:**

The TSAG Rapporteur Groupon “Standardization Strategy” met on 12 February 2020 from 09:30-10:54 hours CET, and 13 February 2020, 11:15-13:00 hours CET, and is pleased to bring the following conclusions to the attention of the TSAG plenary:

1. **TSAG to approve** one outgoing liaison statement to all study groups to solicit status information on identified hot topics; the draft liaison statement for approval by TSAG is found in [TD765.](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0765/en)
2. **TSAG to authorize** RG-StdsStrat to hold 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, 13:00-15:00 Geneva time
  + Thursday, 2 July 2020, 13:00-15:00 Geneva time
  + Friday, 4 September 2020, 13:00-15:00 Geneva time.

RG-StdsStrat will meet at the 6th TSAG meeting in 2020.

3) **TSAG to note** the draft meeting report of RG-StdsStrat in [TD651](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0651/en).

**1 Opening and welcome**

The TSAG Rapporteur Groupon “Standardization Strategy” met during the 5th TSAG meeting on 12 February 2020 from 09:30-10:54 hours CET, and 13 February 2020, 11:15-13:00 hours CET.

The TSAG RG-StdsStrat rotating Rapporteur, Dr Rim Belhassine-Cherif (Tunisie Telecom, Tunisia), chaired the meeting, with the assistance of Mr Martin Euchner, TSB Advisor. She introduced the four co-Rapporteurs present, Mr Yoichi Maeda (Japan), Mr Didier Berthoumieux (Nokia Corporation, Finland), Mr Stephen Hayes (Ericsson, USA), and Mr Arnaud Taddei (Broadcom, United States), and welcomed the participants.

Live interpretation in the six official UN languages, facilities for remote participation and captioning were provided, but there were no interventions from remote. It was agreeable to the meeting to run the meeting overtime without interpretation and captioning.

**2 Approval of the draft agenda**

2.1 The draft agendas in [TD650](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0650)-R2 and [TD650](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0650)-R3 were adopted.

**3 Progress report of TSAG RG-StdsStrat**

3.1 The Rapporteur presented the progress report of RG-StdsStrat in [TD675](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0675), providing a summary of the three interim e-meetings, which took place since October 2019: on 1 November 2019, on 6 December 2019, and on 20 January 2020.

3.2 The meeting took note of the report; there were no comments.

**4 Standardization Strategy**

**4.1 Communiqué of CxO Consultation meeting**

4.1.1 Mr Martin Euchner, TSB, presented [TD661](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0661) “Communiqué of the TSB Director CxO consultation meeting, 11 December 2019, Dubai, United Arab Emirates” which was covered during the TSAG RG-StdsStrat interim e-meeting, 20 January 2020. CxOs discussed the innovation required to achieve ‘self-driving’ 5G networks; the importance of collaboration in the interests of 5G security; the benefits and practical aspects of network infrastructure sharing; the concept of ‘open’ radio access networks (RANs); and the insights gained from early 5G deployments and trials of 5G-enabled industrial IoT applications. CxOs also discussed the monitoring and assessment of AI performance in the context of autonomous driving; conformance assessment for radiocommunications supporting Intelligent Transport Systems; and the harmonization of approaches to the measurement of quality of service (QoS) perceived by users.

4.1.2 The meeting took note of [TD661](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0661).

**4.2 Hot topics**

4.2.1 The Rapporteur presented [TD734](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0734) “Update of the hot topics list”, which provides an update of the list of Hot topics taking into account the outcomes of the 11th TSB Director CTO Consultation Meeting (8 September 2019, Budapest, Hungary) and the last TSB Director CxO Consultation Meeting (11 December 2019, Dubai, United Arab Emirates).

4.2.2 The meeting took note of [TD734](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0734).

4.2.3 Mr Arnaud Taddei, Broadcom Corporation, presented [C132](https://www.itu.int/md/T17-TSAG-C-0132) “Hot Topics: Critical questions and proposal for a new format on both TSAG Hot Topics TD and LS out”, which asks critical questions to be addressed on Hot Topics and proposes to change both the format of the main TD and the LS out. The goal is to increase clarity, draw lessons learnt and improve overall efficiency of all participants in this work.

4.2.4 A longer discussion took place and yielded a number of viewpoints, among the following:

* The restructured list of hot topics was appreciated by yielding more clarity and rigor in the process of hot topics, yet TSAG should consider the value and utility of hot topics, which have a very dynamic nature as a moving target.
* Concern was expressed if TSAG would direct study groups on hot topics, as this should be left to the study groups. However, sending a liaison statement to the study groups was felt acceptable.
* Caution was expressed to create bureaucracy in the management of hot topics, while tailoring the hot topics was certainly felt necessary.
* Observations indicated that some study groups prefer to be contribution driven by their members for creating hot topics, and contributions from members are actually required to drive forward hot topics within the study groups, while in other cases, a top-down approach would be useful.  
  Study groups find useful the information within the CTO/CxO Communiqués.  
  Some study groups have already reflected hot topics in their proposed Question texts or within new work items. It was also observed that some hot topics address common themes across study groups.
* Many questions were raised on the nature of hot topics, on strategy, analysis, procedures and management of hot topics, effectiveness of handling hot topics, hot topics of interest to region(s), of current and future hot topics and their assessment, and how to arrive from hot topics themes to standardization strategies, and how study groups could identify hot topics.
* Hot topics could be considered in the context of study group restructuring, but it was not clear how to handle it, and how map the tot topics to the study groups.

4.2.5 The meeting concluded:

* Many comments on hot topics have been received during this and past TSAG meetings.
* TSAG does not instruct study groups to do or not to do certain work through the list of hot topics.
* The list of the hot topics is mainly meant to reflect the topics of high interest to the industry, mainly according to the discussions during CTO/CxO meetings and to group them into one reference list.
* Members were encouraged to contribute in the context of the hot topics, and the meeting invited further contributions on the various issues and questions on hot topics for the next interim RG-StdsStrat meetings.
* The meeting approved the new format of the hot topics list as in [C132](https://www.itu.int/md/T17-TSAG-C-0132).
* It was agreed to prepare an outgoing liaison statement to the study groups on hot topics, and Mr Taddei was asked to organize an off-line drafting session among interested members, and to bring the results of that drafting session to the next session, see 10.1.

**5 Strategic standardization functions/entities**

5.1 Mr Arnaud Taddei, Broadcom Corporation, proposed [C130](https://www.itu.int/md/T17-TSAG-C-0130) “Proposal to launch a feasibility study for an Architectural Advisory Board (AAB) approach through selected study groups pilots”, which regroups all the key justification questions and narrative for an Architectural Advisory Board at study group level and proposes to start one or more pilots within ITU-T. [C130](https://www.itu.int/md/T17-TSAG-C-0130) proposes a feasibility study with potentially one or more pilots to be conducted by specific study groups and asks TSAG to discuss and possibly agree to launch such pilots, and proposes to TSAG to create an AAB Correspondence Group at TSAG level which will require a ToR and a report from its CG and any meeting minutes associated.

5.1.1 There was not enough time to present or discuss this contribution.

5.1.2 It was suggested to transfer this activity to RG-WM for further discussion there.

5.1.3 It was agreed to organize a discussion session of the AAB proposal in the evening, where Mr. Taddei can explain more the idea of the AAB.

**6 Standardization metrics/statistics**

6.1 China presented [C104](https://www.itu.int/md/T17-TSAG-C-0104) “Proposal to add metrics for automated the metrics generation”, which proposes to add some metrics of automated generation of statistics.

6.1.1 Comments were

* The additional metrics were felt useful and beneficial, but caution and concerns were expressed that the metrics could become a too large effort to handle. What to do with those metrics?
* Concerns were expressed to show individual authors in contributions, as the documents of the Union are a collective effort, and this should not be fragmented.

6.1.2 The meeting took note of [C104](https://www.itu.int/md/T17-TSAG-C-0104), and invited TSB to take into account the proposed metrics in the context of the ongoing investigation on feasibility of automated generation of statistics. More contributions for the interim e-meetings are solicited on the prioritization of metrics.

6.2 United Kingdom presented [C122](https://www.itu.int/md/T17-TSAG-C-0122) “Clarification of Key performance Indicators”, which requests further detail of additional indicators to be able to obtain a more complete activity that occurs at the study group.

6.2.1 The United States supported [C122](https://www.itu.int/md/T17-TSAG-C-0122).

6.2.2 It was clarified that KPI#1 is to name those who have not contributed to the work.

6.2.3 There could be difference in between registered participants and the actual physical attendance of the participants. Further, naming delegates could be a sensitive issue, as actual support to a work item might be invisible to the meeting.

6.2.4 Concerns were expressed on naming of those countries who do not actively support a work item, and this was felt not acceptable.

6.2.5 United Kingdom, and United Arab Emirates requested to be involved in discussions with TSB on proposal #3.

6.2.6 The ITU-T A.1 new work item template lists the members that are committed to support the work item.

6.2.6 The meeting concluded to take the comments into account, and for TSB to take into account the proposed metrics in the context of the ongoing investigation on feasibility of automated generation of statistics.

6.3 Mr Martin Euchner, TSB, presented [TD660](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0660) “Statistics regarding ITU-T study group work (position of 2020-01-22)”, which includes reports of statistics for the various SGs previously provided to TSAG for information and includes data on the following: (a) download of ITU-T Recommendations; (b) outcomes of SG meetings (since 1 December 2016 to 22 January 2020); (c) rapporteur group meetings; and (d) "stale work items" (cut-off date: 28 March 2018).

6.3.1 The number of stale work items in SG3 were considered; and it was suggested that the cut-off date for SG3 be 24 months as SG3 is meeting just once per year.

6.3.2 The meeting took note of [TD660](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0660), and asked TSB to take into account the comments and suggestion.

6.4 Mr Martin Euchner, TSB, presented [TD729](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0729) “ITU-T study group Question level statistics (2017-2020)”, which provides statistics on the ITU-T study group activities on a Question level.

6.4.1 The meeting took note of [TD729](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0729) and invited TSB to continue their investigation on feasibility of the metrics towards implementation taking in to account the new proposed metrics and to present its finding and feedback at the next e-meeting. More work could be needed and more contributions are invited for the interim e-meetings on the prioritization of metrics (such as how they could be implemented and how to make them feasible and implementable) which is important.

6.5 Mr Martin Euchner, TSB, presented [TD723](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0723)-R2 “Updated analysis from TSB investigations on the feasibility of automated generation of statistics”, which provides an updated analysis from TSB investigations on the feasibility of automated generation of statistics.

6.5.1 The TSB was requested to use a colour scheme for highlighting that meets the needs for persons with disabilities and special needs.

6.5.2 The meeting took noted [TD723](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0723)-R2 and invited TSB to continue their investigations.

6.6 Mr Martin Euchner, TSB, presented [TD755](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0755) “ITU-T study group participation statistics (2017-2020)”, which provides statistics on the participation in ITU-T study groups.

6.6.1 The meeting found those new statistics very useful and thanked TSB.

**7 Proposed new WTSA Resolution on the importance of industry engagement**

7.1 The meeting agreed to discuss [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” in RG-WP.

**8 Sustainable Development Goals (SGDs)**

8.1 Mr Shigeru Miyake, Japan, presented [C123](https://www.itu.int/md/T17-TSAG-C-0123) “Proposal of Additional Procedure to specify relevant SDGs for newly proposed work item”, which proposes an additional procedure for utilizing the Questionnaire in order to help the proposer of the future work item specify some of the relevant SDGs (or SDG Targets) in correspondence with the work item.

8.1.1 Mr Alexander Ntoko, TSB, presented some slides on a TSB project for mapping SDGs using an AI-based mapping tool. He invited members to experiment with the trial application and to provide their feedback.

8.1.2 It was commented that it might be useful for ITU to show their activities linked to the SDGs, however, stating linkage of actual technical work within ITU-T is not our goal in itself. Such an exercise should not cause any major financial implications. The private sector is interested to have a mapping to the SDGs.

8.1.3 The meeting thanked TSB for their efforts with the new tool, and invited further contributions on the mapping criteria and invited views on the proposed procedure from Japan to specify relevant SDGs for newly proposed work items. One of the next e-meetings could discuss the criteria classified list of SDGs, the targets, and the draft questionnaire as well as how to link SDGs and the new work item proposals.

8.2 Mr Arnaud Taddei, Broadcom Corporation, presented [C131](https://www.itu.int/md/T17-TSAG-C-0131) “Support to Japan’s SDG proposition and link with the AAB proposition”, which regroups the most recent considerations on how to support the SDG contributions from Japan and its link with the AAB.

8.2.1 For good reasons, there are different approaches in the market how to address the SDGs.

8.2.2 The concept of the AAB was felt new, and no conclusions have been reached so far on the concept of AAB. It was felt premature to take any decision on linking the AAB with the SDGs.

8.2.3 The meeting concluded that more discussions are necessary in forthcoming e-meetings on the SDGs.

**9 Mapping of WTSA Resolutions and ITU-T A-Series Recommendations to TSAG Rapporteur groups**

9.1 Mr Martin Euchner, TSB, presented [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 Opinion – sorted thematically – and ITU-T A-Series Recommendations and Supplements to the ITU-T A-Series, and provides a mapping to all the TSAG Rapporteur Groups now in place.

9.1.1 The meeting took note of [TD733](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0733).

**10 Outgoing liaison statements**

10.1 The drafting session, led by Mr Arnaud Taddei, prepared a draft outgoing liaison statement in [TD765](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0765) “LS/o on hot topics”, which seeks feedback from the ITU-T study groups on the restructured list of hot topics.

10.1.1 The meeting took note of [TD765](https://www.itu.int/md/T17-TSAG-200210-TD-GEN-0765), and agreed to forward it to the TSAG plenary for approval.

**11 Selection of next RG-StdsStrat Chairman**

11.1 It is the agreed arrangement that the Chairmanship of RG-StdsStrat rotates among the co-Rapporteurs after each TSAG meeting. The meeting thanked Dr Rim Belhassine-Cherif (Tunisie Telecom) for her leadership since October 2019.

11.2 The meeting agreed that the Rapporteur for RG-StdsStrat from March 2020 until the next TSAG meeting shall be Mr Arnaud Taddei (Broadcom).

**12 Future meetings, interim RG-StdsStrat e-meetings**

* **Interim RG meetings:**

The meeting seeks authorization by TSAG for RG-StdsStrat to hold 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.

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Three e-meetings are planned:

* + Thursday, 23 April 2020, 13:00-15:00 Geneva time
  + Thursday, 2 July 2020, 13:00-15:00 Geneva time
  + Friday, 4 September 2020, 13:00-15:00 Geneva time.

RG-StdsStrat will meet at the 6th TSAG meeting in 2020.

**13 AOB**

None.

**14 Closure of the meeting**

The Rapporteur thanked all the delegates for their participation, the contributors for their contributions, and TSB for its support, the interpreters, and the captioner.

The meeting was closed at 13:00 hours.

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