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| ITU logo | INTERNATIONAL TELECOMMUNICATION UNION**TELECOMMUNICATIONSTANDARDIZATION SECTOR**STUDY PERIOD 2017-2020 | **TSAG-TD290** |
| **TSAG** |
| **Original: English** |
| **Question(s):** | N/A | Geneva, 10-14 December 2018 |
| **TD** |
| **Source:** | Rapporteur, TSAG RG-WP |
| **Title:** | Draft report of TSAG Rapporteur Group on Work Programme and structure (Geneva, 10-14 December 2018) |
| **Purpose:** | Discussion |
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| **Keywords:** | Report, TSAG, Rapporteur Group, Work Programme, structure |
| **Abstract:** | Report for the TSAG Rapporteur Group on Work Programme and structure |

# 1. Introduction

The TSAG Rapporteur Group on Work Programme and structure (RG-WP) met in two sessions in Geneva, 10-14 December 2018, chaired by the Rapporteur, Mr Reiner Liebler (Germany), assisted by Mr Hiroshi Ota (TSB).

# 2. Agenda

The draft agenda and document allocation is given in [TD289](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0289/en) (Rapporteur RG-WP). The meeting adopted the draft agenda and document allocation without any modification. This agenda was revised at the second session as [TD289Rev.1](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0289/en) to include an additional TD.

# 3. Documentation

The RG-WP addressed the documents listed in **Annex A**.

# 4. Recapitulation of previous discussions

The Rapporteur mentioned that the reports from the previous meeting of the RG and TSAG are available in [TD137Rev.1](https://www.itu.int/md/T17-TSAG-180226-TD-GEN-0137/en) and [TSAG-R2](https://www.itu.int/md/T17-TSAG-R-0002/en), respectively.

# 5. Future Study Group structure for 2021-2024 Study Period

## 5.1 Ericsson Canada, Ciena Canada, Blackberry, Nokia: Proposed structure optimization ([C60](https://www.itu.int/md/T17-TSAG-C-0060/en))

This Contribution proposes that TSAG review and provide recommendations on Study Group structure to the next WTSA. This contribution was also discussed at the TSAG Rapporteur Group on standardization strategy. This group decided to review the structure from strategic point of view until the next TSAG meeting in September 2019 and provide their output to the TSAG Rapporteur Group on Work Programme and structure (RG-WP). Nevertheless, the Rapporteur of RG-WP invited to contribute to RG-WP directly if there is any idea relevant to this group.

It was clarified that this Contribution was triggered by the TSB Director’s proposal toward WTSA-16 (TSAG-TD451 for 2013-2016 Study Period) and intends to start the work on this issue well in advance for sufficient discussion. The Rapporteur emphasized that importance of involving Member States, Sector Members, Academia, Associates as well as regional organizations. It was mentioned that although some organizations (e.g., Associates) may not be eligible to participate in TSAG meetings, there are several ways to reflect such organizations’ contributions to the future structure such as participating in TSAG meetings under the name of a Member States, providing opinions through national process or regional preparation process.

**Action TSAG:** to invite Contributions on Study Group structure

## 5.2 TSB: Statistics regarding ITU-T study group work (position of 2018-11-30) ([TD294](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0294/en))

This TD was briefly introduced. It was indicated that showing top 30 or 50 downloaded ITU-T Recommendations rather than top 10 may be of interest. It was further mentioned that statistics of organizations which downloaded Recommendations may be of interest. However, it was explained that it is not possible to identify the downloader with the current facility. The number of participants of each meeting was also mentioned as a useful indicator. It was explained that expansion of statistics may be possible since a new system (CRM) is being introduced by ITU.

**Action TSAG:** to request TSB to consider above expansion of statistics

# 6. Study Group matters

## 6.1 SG12: LS on Responsibility for the Y.1550-series (WTSA Resolution 2, Annex C) ([TD408](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0408/en))

This TD reports that allocation of unused Y.1550-series to SG12 was agreed by SG13 Chairman. The meeting recommended to TSAG to endorse this agreement. It was mentioned that there is a living document to collect changes to Resolution 2 towards the next WTSA and this change will be recorded in that document in addition to this meeting report.

**Action TSAG:** to record this modification for update of Resolution 2 at WTSA-20

## 6.2 SG9: LS on the amendment of Q4/9 ToR ([TD400](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0400/en)) and Q9/9 ToR ([TD401](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0401/en))

The meeting recommended to TSAG to endorse these proposed changes.

**Action TSAG:** to endorse the amendment of Q4/9 and Q9/9

## 6.3 SG15: LS on Reorganization of ITU-T Study Group 15 Questions ([TD383](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0383/en))

This TD proposes to disband Question 9/15 and:

* Move responsibility for packet-based protection to Q10/15
* Move responsibility for circuit-based protection and generic protection to Q11/15
* Move responsibility for restoration using SDN to Q12/15

The meeting recommended to TSAG to endorse these proposed changes.

**Action TSAG:** to endorse merger of Q9/15 into Q10/15, Q11/15 and Q12/15

## 6.4 SG16 Management: LS on creation of new Questions 5/16 (Artificial intelligence-enabled multimedia applications) and 22/16 (Distributed ledger technologies and e-services) ([TD357](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0357/en) and [TD430](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0430/en))

This TD proposes two new Questions (Q5/16 and Q22/16).

The meeting recommended to TSAG to endorse Q22/16 without any modification.

It was pointed out that some AI related technologies are already used in the industry, well known by the industry or already under work by some Questions in SG16. The relationships with the ITU-T Focus Group on "Artificial Intelligence for Health" (FG-AI4H) was also asked. These issues were addressed during informal consultations. The updated text for Q5/16 is given in [TD430](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0430/en). The meeting recommended to TSAG to endorse this updated Q5/16 text.

In order to inform SG16 of the modification of Q5/16, liaison reply was drafted and is contained in [TD438](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0438/en) (Rapporteur, RG-WP).

**Action TSAG:** to endorse creation of Q5/16 and Q22/16 as well as to approve the draft liaison reply to SG16-LS111 ([TSAG-TD357](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0357/en)) ([TD438](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0438/en))

## 6.5 SG17: LS on revised Questions 4/17, 5/17, 6/17 and 8/17 ([TD364](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0364/en))

The meeting recommended to TSAG to endorse these proposed changes.

**Action TSAG:** to endorse revision of Q4/17, Q5/17, Q6/17 and Q8/17

## 6.6 SG12 and SG11: LSs on current status of the draft Recommendation ITU-T Q.3961 ([TD338](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0338/en), [TD348](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0348/en) and [TD382](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0382/en))

[TD338](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0338/en) contains a Liaison Statement from SG12 to SG11 (SG12-LS57). It shows the situation of the issue at the time of writing and SG12’s development plan. SG12 invited SG11 experts to participate in SG12’s activities and to schedule co-located meetings in Geneva.

[TD348](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0348/en) contains a Liaison reply to SG12-LS57 from SG11 (SG11-LS52). It invites SG12 to a workshop during the ITU-T SG11 meeting in March 2019, co-located with ETSI TC INT.

[TD382](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0382/en) contains a Liaison reply to SG11-LS52 from SG12 (SG11-LS59). It shows the situation of the issue at the time of writing and the progress of SG12’s development. SG12 invited SG11 experts to participate in SG12’s activities and to schedule co-located meetings in Geneva in November 2018, and to participate in the SG12 workshop adjacent to the meeting dates, on November 26, 2018.

The meeting concluded that SG11 and SG12 should continue discussion on this issue to develop a set of consistent standards. Both SGs should consider possibilities for co-located back-to-back meetings in Geneva in autumn 2019 in order to further improve co-ordination.

**Action TSAG:** to note

# 7. Lead Study Group activities

## 7.1 SG2 ([TD365](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0365/en))

The meeting took note of this lead SG activity report of SG2.

## 7.2 SG3 ([TD301](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0301/en) and [TD331](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0331/en))

SG3 had invited the Chairman of ITU-T SG12 to a Special session on cooperation with ITU-T SG12. As a result of this session, SG 3 had agreed to initiate a study on the economic and policy factors pertaining to quality of service (QoS) and experience (QoE) in the provision of international telecommunication services (the last bullet item on page 2 of [TD301](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0301/en)).

It was mentioned that the areas of focus should include pricing and competition as elements that affects customer satisfaction. It was also requested that the collaboration be promoted between Q12/12 and SG3 whenever the relevant topics are discussed.

The meeting took note of this lead SG activity report of SG3 as well as [TD331](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0331/en).

## 7.3 SG5 ([TD302](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0302/en))

The meeting took note of this lead SG activity report of SG5.

## 7.4 SG9 ([TD303](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0303/en))

The meeting took note of this lead SG activity report of SG9.

## 7.5 SG11 ([TD304](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0304/en))

The meeting took note of this lead SG activity report of SG11.

## 7.6 SG12 ([TD305](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0305/en))

The meeting took note of this lead SG activity report of SG12.

## 7.7 SG13 ([TD306](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0306/en))

The meeting took note of this lead SG activity report of SG13.

## 7.8 SG15 ([TD417](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0417/en))

The meeting took note of this lead SG activity report of SG15.

## 7.9 SG16 ([TD308](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0308/en))

The meeting took note of this lead SG activity report of SG16.

## 7.10 SG17 ([TD309](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0309/en))

The meeting took note of this lead SG activity report of SG17.

## 7.11 SG20 ([TD312](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0312/en))

The meeting took note of this lead SG activity report of SG20.

**Action TSAG:** to note the reports above

# 8. Collaboration on ITS Communication Standards and ITS-related activities

## 8.1 Chairman: Report on Collaboration on ITS Communication Standards and ITS-related activities ([TD314](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0314/en))

[TD314](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0314/en) was noted for information purposes.

**Action TSAG:** to note

# 9. Miscellaneous issues

The meeting took note of the documentation provided: [TD343](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0343/en)(SG2), [TD371](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0371/en)(SG5), [TD399](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0399/en)(SG9), [TD403](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0403/en)(SG9), [TD345](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0345/en)(ETSI ISG NFV), [TD377](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0377/en)(ETSI ISG NFV), [TD387](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0387/en)(SG11), [TD381](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0381/en)(SG12), [TD411](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0411/en)(SG12), [TD413](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0413/en)(SG12), [TD414](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0414/en)(Chairman, SG12), [TD415](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0415/en)(Chairman, SG12), [TD379](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0379/en)(SG15), [TD380](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0380/en)(SG15), [TD418](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0418/en)(SG15), [TD346](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0346/en)(SG16), [TD363](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0363/en)(SG17)

**Action TSAG:** to note

# 10. AOB

None.

# 11. Outgoing liaison statement

[TD438](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0438/en)(Rapporteur, RG-WP): Draft LS/r on creation of new Questions 5/16 (Artificial intelligence-enabled multimedia applications) and 22/16 (Distributed ledger technologies and e-services) (SG16-LS111) [to ITU-T SG16]

**Action TSAG:** to approve

# 12. Closing

The RG-WP meeting closed at 1240 hours on 13 December 2018. The Rapporteur thanked participants, contributors, the SG chairmen and vice-chairmen present for their support and all other people who helped this RG-WP session. He also thanked the secretariat, and in particular Mr. Hiroshi Ota, for the assistance given and also the interpreters and captionists.

Annex A: List of documents

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Timing** | **#** | **Agenda Item** | Docs | Notes |
| **Tuesday****1430-1545****Thursday****11:15-12:30** | **14.2** | **TSAG Rapporteur Group on Work Programme and structure (RG-WP)** |  |  |
|  | **14.2.1** | **General issues** |  |  |
|  | 14.2.1.1 | Rapporteur, TSAG Rapporteur Group on Work Programme and structure: draft agenda | [TD289](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0289/en) | Draft agenda RG-WP. |
|  | **14.2.2** | **Future study group structure (2021 – 2024)** |  |  |
|  | 14.2.2.1 | BlackBerry Limited (Canada), Ciena Canada, Ericsson Canada, Inc., Nokia Corporation (Finland): Proposed structure optimization | [C60](https://www.itu.int/md/T17-TSAG-C-0060/en) | To discuss |
|  | 14.2.2.2 | TSB: Statistics regarding ITU-T study group work (position of 2018-11-30) | [TD294](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0294/en) | For information |
|  | **14.2.3** | **Study Group matters** |  |  |
|  | 14.2.3.1 | SG12: LS on Responsibility for the Y.1550-series (WTSA Resolution 2, Annex C) | [TD408](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0408/en) | Allocation of unused Y.1550-series to SG12. |
|  | 14.2.3.2 | SG9: LS on the amendment of Q4/9 ToR | [TD400](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0400/en) | To review and endorse. |
|  | 14.2.3.3 | SG9: LS on the amendment of Q9/9 ToR | [TD401](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0401/en) | To review and endorse. |
|  | 14.2.3.4 | SG15: LS on Reorganization of ITU-T Study Group 15 Questions | [TD383](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0383/en) | To review and endorse. |
|  | 14.2.3.5 | SG16 Management: LS on creation of new Questions 5/16 (Artificial intelligence-enabled multimedia applications) and 22/16 (Distributed ledger technologies and e-services) | [TD357](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0357/en) | To review and endorse |
|  |  | Chairman, SG16: New Question 5/16 (Artificial intelligence-enabled multimedia applications): Outcome of informal consultations | [TD430](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0430/en) | To review and endorse |
|  | 14.2.3.6 | SG17: LS on revised Questions 4/17, 5/17, 6/17 and 8/17 | [TD364](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0364/en) | To review and endorse |
|  | 14.2.3.7 | SG12: LS/r on current status of the draft Recommendation ITU-T Q.3961 (reply to SG11-LS31) | [TD338](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0338/en) | LS from SG12 to SG11 (May 2018) on Q.3961. TSAG to note or comment. |
|  | 14.2.3.8 | SG11: LS/r on current status of the draft Recommendation ITU-T Q.3961 (reply to SG12-LS57) | [TD348](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0348/en) | Reply to TD338 from SG11 inviting SG12 to an SG11 workshop, showing availability of SG11 expert to the SG12 meeting in May 2019. TSAG to note or comment. |
|  | 14.2.3.9 | SG12: LS/r on current status of the draft Recommendation ITU-T Q.3961 (reply to SG11-LS52) | [TD382](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0382/en) | Reply to TD348 from SG12 inviting to SG11 to an SG12 meeting and a collocating workshop. TSAG to note or comment. |
|  | **14.2.4** | **Lead study group activities** |  |  |
|  | 14.2.4.1 | SG2: LS on lead study group activities | [TD365](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0365/en) | For information |
|  | 14.2.4.2 | Chairman, SG3: Lead Study Group Report | [TD301](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0301/en) | For information |
|  |  | SG3: LS/r on stale work items and SG Reports on lead study group activities (reply to TSAG - LS 6) | [TD331](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0331/en) | For information |
|  | 14.2.4.3 | SG5: Progress Report of ITU-T Study Group 5 | [TD302](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0302/en) | For information |
|  | 14.2.4.4 | Chairman, SG9: Lead Study Group Report | [TD303](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0303/en) | For information |
|  | 14.2.4.5 | Chairman, SG11: ITU-T SG11 Lead Study Group Report | [TD304](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0304/en) | For information |
|  | 14.2.4.6 | Chairman, SG12: Report on ITU-T SG12 lead activities (February 2018 - December 2018) | [TD305](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0305/en) | For information |
|  | 14.2.4.7 | Chairman, SG13: Lead Study Group Report | [TD306](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0306/en) | For information |
|  | 14.2.4.8 | Chairman, SG15: Lead Study Group Report | [TD417](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0417/en) | For information |
|  | 14.2.4.9 | Chairman, SG16: Report on Lead SG activities for ITU-T SG16 | [TD308](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0308/en) | For information |
|  | 14.2.4.10 | SG17: Progress Report of ITU-T SG17 | [TD309](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0309/en) | For information |
|  | 14.2.4.11 | SG20: LS on ITU-T SG20 Lead Study Group Report | [TD312](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0312/en) | For information |
|  | **14.2.5** | **Joint Coordination Activities (JCA)** |  |  |
|  |  | None. |  |  |
|  | **14.2.6** | **Chairman CITS: Report on Collaboration on ITS Communication Standards and ITS-related activities** |  |  |
|  |  | CITS Chairman: CITS progress report | [TD314](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0314/en) |  |
|  | **14.2.7** | **Miscellaneous issues on ITU-T Study Groups** |  |  |
|  | **14.2.7.1** | **Miscellaneous ITU-T SG2** |  |  |
|  |  | SG2: LS on Telecommunication Management and OAM Project Plan | [TD343](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0343/en) | For information |
|  | **14.2.7.2** | **Miscellaneous ITU-T SG5** |  |  |
|  |  | SG5: LS/r on Telecommunication Management and OAM Project Plan (reply to SG2 LS73-E and SG2 LS47-E) | [TD371](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0371/en) | For information |
|  | **14.2.7.3** | **Miscellaneous ITU-T SG9** |  |  |
|  |  | SG9: LS on AAP consent of draft new Recommendation ITU-T J.1 (ex. J.tda) “Terms, definitions and acronyms for television and sound transmission and integrated broadband cable networks” | [TD399](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0399/en) | For information |
|  |  | SG9: LS/r on the new version of the Home Network Transport (HNT) Standards Overview and Work Plan (reply to SG15-LS141) | [TD403](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0403/en) | For information |
|  | **14.2.7.4** | **Miscellaneous ITU-T SG11** |  |  |
|  |  | ETSI ISG NFV: LS/r on new work item Interop testing virtual switch (reply to SG11 LS41) | [TD345](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0345/en) | For information |
|  |  | ETSI ISG NFV: LS/r on new work item Interop testing requirements of virtual BNG (reply to SG11 LS55) | [TD377](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0377/en) | For information |
|  |  | SG11: LS/r on LSs related to new work item Interop testing requirements of virtual BNG (reply to ETSI ISG NFV (NFV(18)000214) | [TD387](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0387/en) | For information |
|  | **14.2.7.5** | **Miscellaneous ITU-T SG12** |  |  |
|  |  | SG12: LS/r on New Work Item to revise TS 103 222-1 and Coordination with ITU-T SG12 (reply to ETSI TC STQ18057021) | [TD381](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0381/en) | For information |
|  |  | SG12: LS/r regarding studies on the impacts of counterfeit and non-compliant devices on the QoS/QoE of Mobile Networks (reply to SG11-LS57) | [TD411](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0411/en) | For information |
|  |  | SG12: LS on service quality regulatory frameworks | [TD413](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0413/en) | For information |
|  |  | Chairman, ITU-T SG12: Report on ITU-T SG12 cooperation with other SDOs (February 2018 – December 2018) | [TD414](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0414/en) | For information |
|  |  | Chairman, SG12: Report on ITU-T SG12 activities related to WTSA Res. 40 and 95 (February 2018 – December 2018) | [TD415](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0415/en) | For information |
|  | **14.2.7.6** | **Miscellaneous ITU-T SG15** |  |  |
|  |  | SG15: LS on the new version of the Access Network Transport (ANT) Standards Overview and Work Plan | [TD379](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0379/en) | For information |
|  |  | SG15: LS on the new version of the Home Network Transport (HNT) Standards Overview and Work Plan | [TD380](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0380/en) | For information |
|  |  | SG15: LS on OTNT Standardization Work Plan | [TD418](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0418/en) | For information |
|  | **14.2.7.7** | **Miscellaneous ITU-T SG16** |  |  |
|  |  | SG16: LS/r on Telecommunication Management and OAM Project Plan (SG2-LS47) | [TD346](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0346/en) | For information |
|  | **14.2.7.8** | **Miscellaneous ITU-T SG17** |  |  |
|  |  | SG17: LS/r on AI (Artificial Intelligence)/ML (Machine Learning) and security | [TD363](https://www.itu.int/md/T17-TSAG-181210-TD-GEN-0363/en) | For information |

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