|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| A black and white logo  Description automatically generated with low confidence | INTERNATIONAL TELECOMMUNICATION UNION  **TELECOMMUNICATION STANDARDIZATION SECTOR**  STUDY PERIOD 2022-2024 | | | TSAG-TD539 |
| TSAG |
| Original: English |
| **Question(s):** | | | N/A | Geneva, 29 July – 2 August 2024 |
| **TD** | | | | |
| **Source:** | | | Chair, ITU-T SG15 | |
| **Title:** | | | ITU-T SG15 Lead Study Group Report | |
| **Contact:** | | Glenn Parsons Ericsson Canada Inc. | | Tel: +1-514-379-9037 E-mail: [glenn.parsons@ericsson.com](mailto:glenn.parsons@ericsson.com) |

|  |  |
| --- | --- |
| **Abstract:** | This TD provides an SG15 Lead Study Group report. |

ITU-T SG15 holds the following roles:

– Lead study group on access network transport

– Lead study group on home networking

– Lead study group on optical technology

In order to provide updated information on lead SG activities, ITU-T SG15 is pleased to provide TSAG with the latest version of the “Access Network Transport (ANT)”, “Home Network Transport (HNT)”, “Optical Transport Networks (OTN)” and the “Technical Report on Guide on the use of ITU-T L-series Recommendations related to optical technologies for outside plant” document.

These documents are intended to provide for their respective domains the overview lists of the existing and under study Standards and Recommendations from the ITU and other standardizations bodies.

This set of documents consists of:   
  
1) For the topics related to ITU-T SG15 WP1/15 standardization works

- Access Network Transport (ANT) Standards Overview  
- Access Network Transport (ANT) Standards Work Plan

The most up-to-date version of these both ANT documents can be found at   
<http://www.itu.int/en/ITU-T/studygroups/com15/Pages/ant.aspx>

In addition, a **Web-based** Access Network Transport (ANT) Standards Overview is available at <https://www.itu.int/itu-t/landscape/?topic=tx356&group=g&search_text=> for easy access by readers.

- Home Network Transport (HNT) Standards Overview and Work Plan

The most up-to-date version of this HNT document can be found at   
<http://www.itu.int/en/ITU-T/studygroups/Pages/sg15-hnt.aspx>

In addition, a **Web-based** Home Network Transport (HNT) Standards Overview​ is available at <https://www.itu.int/itu-t/landscape/?topic=tx153&group=g&search_text=> for easy access by readers.

2) For the topics related to ITU-T SG15 WP3/15 standardization works and WP2/15 standardization works related to optical interfaces

- Optical Transport Networks (OTN) & Technologies Standardization Work Plan  
  
 The most up-to-date version of the OTN document can be found at  
 <http://www.itu.int/en/ITU-T/studygroups/com15/Pages/otn.aspx>

In addition, a **Web-based** Optical Transport Networks (ONT) Standards Overview​ is available at <https://www.itu.int/itu-t/landscape/?topic=tx401&group=g&search_text=> for easy access by readers.

3) While not a lead study group responsibility called out in Resolution 2, WP2/15 standardization works related to outside plant are described in

- Technical Paper on Guide on the use of ITU-T L-series Recommendations related to optical technologies for outside plant

This document can be found at <https://www.itu.int/pub/publications.aspx?lang=en&parent=T-TUT-L-2022-GLR> (2024 version to be published soon)

4) As a part of the lead Study Group activities, SG15 held three workshops in conjunction with the SG15 meeting in Montreal, Canada (1-12 July 2024):

- [ITU Workshop on “The Evolution of Transport and Access Networks to Support IMT 2030/6G"](https://www.itu.int/en/ITU-T/Workshops-and-Seminars/2024/0707/Pages/default.aspx) – workshop report: [SG15-TD373/Gen](https://www.itu.int/md/T22-SG15-240701-TD-GEN-0373/en)

- [Fourth Joint ETSI ISG F5G, BBF, CCSA TC6 and ITU-T SG15 Workshop on "FTTR" (Fibre to the room)](https://www.itu.int/en/ITU-T/Workshops-and-Seminars/2024/0710/Pages/default.aspx) - workshop report: [SG15-TD374/Gen](https://www.itu.int/md/T22-SG15-240701-TD-GEN-0374/en)

- [Ninth Joint IEEE 802 and ITU-T Study Group 15 Workshop](https://www.itu.int/en/ITU-T/Workshops-and-Seminars/2024/0713/Pages/default.aspx) – workshop report: [SG15-TD375/Gen](https://www.itu.int/md/T22-SG15-240701-TD-GEN-0375/en)

ITU-T SG15 will continue to provide TSAG with the above updated documents resulting from each SG15 meeting.

ITU-T SG15 remains available if further information on these above documents is required.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_