|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ITU logo | INTERNATIONAL TELECOMMUNICATION UNION  **TELECOMMUNICATION STANDARDIZATION SECTOR**  STUDY PERIOD 2017-2020 | | | TSAG-TD990 | |
| **TSAG** | |
| **Original: English** | |
| **Question(s):** | | | N/A | Virtual, 11-18 January 2021 | |
|  | | | | | |
| **Source:** | | | ITU-T/IETF Liaison Rapporteur | | |
| **Title:** | | | IETF Liaison report | | |
| **Purpose:** | | | Information | | |
| **Contact:** | | Scott Mansfield Ericsson Canada Canada | | | Tel: +1 514 279 9012 E-mail: [scott.mansfield@ericsson.com](mailto:scott.mansfield@ericsson.com) |

|  |  |
| --- | --- |
| **Keywords:** | IETF; Liaison; Working Methods; |
| **Abstract:** | This liaison report provides information about the collaboration mechanism with the IETF, a list of future meetings, and recent liaison activity. |

Introduction

A description of the collaboration mechanism between the IETF and the ITU-T is found in A.Suppl. 3 [1]. *The IETF process: an informal guide* [2] provides background on the IETF for those unfamiliar to the working methods in the IETF.

Additional information about the IETF and role of the IETF in the standards ecosystem can be found on the IETF web site (<http://www.ietf.org>).

IETF meets three times a year. The IETF upcoming meeting schedule is available (<https://www.ietf.org/how/meetings/upcoming/>) and for ease of reference, the IETF meetings for 2021:

* [IETF 110](https://www.ietf.org/how/meetings/110/)
  + March 6-12, 2021  
    Location: Online
* [IETF 111](https://www.ietf.org/how/meetings/111/)
  + July 24-30, 2021  
    Location: San Francisco, CA, USA - Hilton Union Square
* [IETF 112](https://www.ietf.org/how/meetings/112/)
  + November 6-12, 2021  
    Location: Madrid, Spain - Melia Castilla Hotel

2020 Meetings

2020 has been a busy and unusual year, with all IETF meetings this year taking place online. The proceedings from each of the 2020 meetings along with the IAB report are below:

* IETF 107: <https://datatracker.ietf.org/meeting/107/proceedings>
* IAB Report for IETF 107: <https://www.iab.org/2020/03/18/iab-report-to-the-community-for-ietf-107/>
* IETF 108: <https://datatracker.ietf.org/meeting/108/proceedings>
* IAB Report for IETF 108: <https://www.iab.org/2020/07/24/iab-report-to-the-community-for-ietf-108/>
* IETF 109: <https://datatracker.ietf.org/meeting/109/proceedings>
* IAB Report for IETF 109: <https://www.iab.org/2020/11/13/iab-report-to-the-community-for-ietf-109/>

2020 Progress Reports

Within each of the IETF proceeding reports there is a progress report that lists the new working groups created, the working groups that concluded, and the new RFCs that have been published. See <https://datatracker.ietf.org/meeting/109/proceedings/progress-report/> for the latest.

Birds of a Feather

The Birds of a Feather process (see <https://www.ietf.org/how/bofs/>) provides a way to submit a proposal for a meeting session at an upcoming IETF meeting to discuss a topic. There is a summary of the BoF sessions published after each IETF meeting in the form of a blog post. See <https://www.ietf.org/blog/ietf109-bofs/> for a summary of the BoFs at the last IETF meeting (IETF 109 held virtually from 16 November – 20 November 2020.

Annex

Liaison Report for 2020

There were 4 incoming liaisons from the IETF to the ITU-T from January 1, 2020 through December 18, 2020. See Table 1 below.

Outgoing from: IETF [Internet Engineering Task Force]  
Incoming to: Any  
Approved between: 2020-01-01 and 2020-12-18  
Report generated the 2020-12-18

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **oLS** | **Source** | **Title** | **For action to** | **For comment to** | **For info. to** | **Deadline** | **Approved on** |
| [IETF-LS19](https://www.itu.int/ifa/t/2017/ls/ietf/sp16-ietf-iLS-00019.docx) | IETF | LS/r on FG Net2030 Deliverables (reply to SG13-LS166) | - | - | SG13; | - | 2020-11-24 |
| [IETF-LS18](https://www.itu.int/ifa/t/2017/ls/ietf/sp16-ietf-iLS-00018.docx) | IETF | LS/r on new IP, shaping future network (TSAG-LS23) [from IETF] | - | - | TSAG; | - | 2020-03-30 |
| [IETF DRIP-IETF-DRIP-LS2](https://www.itu.int/ifa/t/2017/ls/ietfdrip/sp16-ietfdrip-iLS-00002.zip) | IETF-DRIP | LS on Drone Remote Identification Protocol (DRIP) Requirements | - | - | SG20; | 2020-09-23 | 2020-08-25 |
| [IETF DRIP-IETF-DRIP-LS1](https://www.itu.int/ifa/t/2017/ls/ietfdrip/sp16-ietfdrip-iLS-00001.docx) | IETF DRIP | LS on Drone Remote ID Protocol working group (DRIP) | - | - | SG20; | - | 2020-05-27 |

Table 1

There were 18 outgoing liaisons from the ITU-T to the IETF from January 1, 2020 through December 18, 2020. See Table 2 below.

Outgoing from: Any  
Incoming to: IETF [Internet Engineering Task Force]  
Approved between: 2020-01-01 and 2020-12-18  
Report generated the 2020-12-18

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **oLS** | **Source** | **Title** | **For action to** | **For comment to** | **For info. to** | **Deadline** | **Approved on** |
| [SG20-LS189](https://www.itu.int/ifa/t/2017/ls/sg20/sp16-sg20-oLS-00189.zip) | ITU-T Study Group 20 | LS on draft Recommendation ITU-T Y.UAV.arch | ITU-R WP 5A; ITU-R WP 5D; ICAO; IETF DRIP; | - | - | 2021-03-01 | 2020-11-06 |
| [SG15-LS288](https://www.itu.int/ifa/t/2017/ls/sg15/sp16-sg15-oLS-00288.docx) | ITU-T Study Group 15 | Updates to MPLS-TP Recommendations | - | - | IETF MPLS; | - | 2020-09-18 |
| [SG15-LS270](https://www.itu.int/ifa/t/2017/ls/sg15/sp16-sg15-oLS-00270.docx) | ITU-T Study Group 15 | LS on coordination of Ethernet information and data modelling work | IEEE 802.1; | - | BROADBAND FORUM; TM Forum; IETF; MEF; ONF; IEEE.802.3; | 2021-04-07 | 2020-09-18 |
| [SG15-LS268](https://www.itu.int/ifa/t/2017/ls/sg15/sp16-sg15-oLS-00268.zip) | ITU-T Study Group 15 | LS on OTNT Standardization Work Plan Issue 28 | ATIS; IETF; IEC; MEF; IEEE 802.1; IEEE 802.3 Working Group; TIA; OIF; SG12; SG13; SG17; TSAG; | - | - | 2021-05-01 | 2020-09-18 |
| [SG17-LS270](https://www.itu.int/ifa/t/2017/ls/sg17/sp16-sg17-oLS-00270.docx) | ITU-T Study Group 17 | LS on SG17 new work item 'Security Methodology for Zero-Touch Massive IoT Deployment' | - | - | 3GPP TSG SA3; ETSI ISG ZSM; W3C DID; GSMA SIM; IETF ANIMA; | - | 2020-09-03 |
| [SG13-LS181](https://www.itu.int/ifa/t/2017/ls/sg13/sp16-sg13-oLS-00181.zip) | ITU-T Study Group 13 | LS on the new work item on "Scenarios and Requirements of Intent-Based Network for network evolution (Y.IBN-reqts)" | - | - | 3GPP; IETF; | - | 2020-07-31 |
| [SG13-LS178](https://www.itu.int/ifa/t/2017/ls/sg13/sp16-sg13-oLS-00178.zip) | ITU-T Study Group 13 | LS on initiation of new work on "Cloud computing - Functional requirements of edge cloud" (Y.ecloud-reqts) | - | - | ETSI; IETF; ISO/IEC JTC1/SC38; SG11; SG16; SG17; | - | 2020-07-31 |
| [SG13-LS175](https://www.itu.int/ifa/t/2017/ls/sg13/sp16-sg13-oLS-00175.zip) | ITU-T Study Group 13 | LS on initiation of new work on "Edge computing - Overview and requirements" | - | - | 3GPP; ETSI; IETF; ISO/IEC JTC1/SC38; SG11; SG16; SG17; SG20; | - | 2020-07-31 |
| [SG13-LS166](https://www.itu.int/ifa/t/2017/ls/sg13/sp16-sg13-oLS-00166.docx) | ITU-T Study Group 13 | LS/o on Deliverables of Focus Group NET2030 | - | 3GPP; ATIS; BROADBAND FORUM; CCSA; ETSI; ITU-R; GSMA; IETF; MEF; IEEE; ARIB; TTA; TTC; OIF; CENELEC; IRTF; NGMN; ONF; WiFi Alliance; SG2; SG3; SG5; SG9; SG11; SG12; SG15; SG16; SG17; TSAG; SG20; | TM Forum; European Commission; TSDSI; 5G PPP; Sigcomm; | 2020-11-30 | 2020-07-31 |
| [SG13-LS165](https://www.itu.int/ifa/t/2017/ls/sg13/sp16-sg13-oLS-00165.docx) | ITU-T Study Group 13 | LS on Deliverables of Focus Group ML5G to ITU-T, ITU-R study groups and other groups | - | - | 3GPP; ISO/IEC JTC1/SC29; ITU-R; GSMA; IETF; IEC; IEEE; NGMN; WiFi Alliance; SG2; SG3; SG5; SG9; SG11; SG12; SG15; SG16; SG17; TSAG; SG20; WBA; ONAP; IIC; BDVA; ETSI ISG ZSM; ETSI ISG ENI; ISO/TMB; AIRI; 5GAA; 5G PPP; ISO/IEC JTC1/SC42; | - | 2020-07-31 |
| [SG13-LS160](https://www.itu.int/ifa/t/2017/ls/sg13/sp16-sg13-oLS-00160.zip) | ITU-T Study Group 13 | LS on information about consent of Machine Learning related ITU-T Recommendation Y.3176 | - | - | 3GPP; ISO/IEC JTC1/SC29; IETF; NGMN; SG2; SG3; SG5; SG9; SG11; SG12; SG15; SG16; SG17; SG20; ETSI ISG ENI; ISO/IEC JTC1/SC42; | - | 2020-07-31 |
| [SG11-LS152](https://www.itu.int/ifa/t/2017/ls/sg11/sp16-sg11-oLS-00152.zip) | ITU-T Study Group 11 | LS on the consent of draft new Recommendation ITU-T Q.3059 “Signalling requirements for service function discovery” | - | - | IETF; SG13; JCA-IMT2020; | - | 2020-07-31 |
| [JCA-IMT2020-LS8](https://www.itu.int/ifa/t/2017/ls/jca-imt2020/sp16-jca-imt2020-oLS-00008.doc) | JCA-IMT2020 | LS on Invitation to update the information in the IMT2020 roadmap | BROADBAND FORUM; ITU-R SG 5; ITU-D SG 2; TM Forum; MEF; TTA; IEEE 802.1; 3GPP RAN; ONF; oneM2M; ETSI ISG NFV; IETF SFC; IEEE 1914; SG2; SG3; SG5; SG9; SG11; SG12; SG13; SG15; SG16; SG17; SG20; TSDSI; SCF; OASIS Tosca; ETSI ISG MEC; ETSI MWT; ONAP; OSSDN; IETF DETNET; IETF DMM; 3GPPP CNT; 3GPP SSA; GSMA Netwrok2020; | - | - | 2021-03-31 | 2020-07-13 |
| [SG16-LS212](https://www.itu.int/ifa/t/2017/ls/sg16/sp16-sg16-oLS-00212.docx) | ITU-T SG16 | LS on versatile video coding (VVC) [to various organizations] | - | - | 3GPP; ATSC; DVB; ECMA International; ETSI; ITU-R SG 6; IEC TC 100; SCTE; OMA; ARIB; IETF AVT Working Group; SMPTE; W3C; Blu-ray Disc Association; OIPF; DLNA; EBU; CEA; WBU; ABU; DMB; VESA; WiFi Alliance; SG9; SG12; CTA; DASH-IF; VRIF; UHD Alliance; UHD Forum; VSF; MC-IF; UCI-F; SET; SVA; | - | 2020-07-03 |
| [SG13-LS157](https://www.itu.int/ifa/t/2017/ls/sg13/sp16-sg13-oLS-00157.zip) | ITU-T Study Group 13 | LS on synchronization of Y.DNI-fr "Framework and Requirements of Decentralized Trustworthy Network Infrastructure" in Q2/13 | - | 3GPP; ETSI; IETF; IEEE; | - | 2020-06-30 | 2020-03-13 |
| [SG15-LS251](https://www.itu.int/ifa/t/2017/ls/sg15/sp16-sg15-oLS-00251.zip) | ITU-T Study Group 15 | LS on Coordination of Ethernet information and data modelling work | IEEE 802.1; | - | BROADBAND FORUM; TM Forum; IETF; MEF; IEEE 802.3 Working Group; ONF; | 2020-08-21 | 2020-02-07 |
| [SG15-LS249](https://www.itu.int/ifa/t/2017/ls/sg15/sp16-sg15-oLS-00249.zip) | ITU-T Study Group 15 | LS - Intent to initiate the approval process for revised MPLS-TP Recommendations | - | - | IETF MPLS; | - | 2020-02-07 |
| [SG15-LS245](https://www.itu.int/ifa/t/2017/ls/sg15/sp16-sg15-oLS-00245.zip) | ITU-T Study Group15 | LS on OTNT Standardization Work Plan Issue 27 | ATIS; IETF; IEC; MEF; IEEE 802.1; IEEE 802.3 Working Group; TIA; OIF; SG12; SG13; TSAG; | - | - | 2020-08-17 | 2020-02-07 |

Table 2

[1] *IETF and ITU-T collaboration guidelines* (A Suppl. 3). (2012). ITU-T. <http://handle.itu.int/11.1002/1000/11724>

[2] *The IETF process: an informal guide*. (2020, June 26). IETF. <https://www.ietf.org/standards/process/informal/>

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