|  |  |  |
| --- | --- | --- |
| ITU official logo_blue_RGB | 国 际 电 信 联 盟*电信标准化局* |  |

2022年12月16日 ，日内瓦

|  |  |  |
| --- | --- | --- |
| 参考号:电话:传真:电子邮件: | **电信标准化局AAP-19**AAP/CL+41 22 730 5860+41 22 730 5853tsbdir@itu.int | – 致国际电联成员国各主管部门；– 致ITU-T各部门成员；– 致ITU-T 部门准成员；– 国际电联学术成员**抄送：**– 电信标准化局研究组主席和副主席；– 电信发展局主任；– 无线电通信局主任 |

|  |  |
| --- | --- |
| 事由: | **有关采用替换批准程序（AAP）处理的建议书的情况** |

先生/女士，

ITU-T A.8 建议书中规定的建议书替换批准程序 (AAP) 适用于那些不会产生政策或 监管影响、因而不需与成员国正式协商的建议书（见国际电联《公约》第246B款）。

**附件1**列出了那些在以往电信标准化局AAP预告后地位发生变化的案文。

如您希望针对某个适用AAP的建议书提出意见，请使用可在ITU-T网站AAP区域 （[https://www.itu.int/ITU-T/aap](https://www.itu.int/ITU-T/aap/)）的“建议书”网页上获取的《AAP意见在线提交表格》 （见**附件2**）。或者，可填妥**附件3** 中的表格并将意见发送给相关研究组的秘书处。

敬请留意，我们不鼓励提交仅支持通过所涉案文而没有实质内容的意见。

顺致敬意！

李在摄
电信标准化局主任

**附件：3**件

Annex 1

(to TSB AAP-19)

Status codes used in the AAP announcements:

LC = Last Call

LJ = Last Call Judgment (includes comment resolution)

AR = Additional Review

AJ = Additional Review Judgment (includes comment resolution)

SG = For Study Group approval

A = Approved

AT = Approved with typographic corrections

AC = Approved after Additional Review of Comments

NA = Not approved

TAP = Moved to TAP (ITU-T A.8 / § 5.2)

ITU-T website entry page:

[https://www.itu.int/ITU-T](https://www.itu.int/ITU-T/)

Alternative approval process (AAP) welcome page:

[https://www.itu.int/ITU-T/aapinfo](https://www.itu.int/ITU-T/aapinfo/)

Note – A tutorial on the ITU-T AAP application is available under the AAP welcome page

ITU-T website AAP Recommendation search page:

<https://www.itu.int/ITU-T/aap/>

Study Group web pages and contacts:

|  |  |  |
| --- | --- | --- |
| SG 2 | <https://www.itu.int/ITU-T/studygroups/com02> | tsbsg2@itu.int |
| SG 3 | <https://www.itu.int/ITU-T/studygroups/com03> | tsbsg3@itu.int |
| SG 5 | <https://www.itu.int/ITU-T/studygroups/com05> | tsbsg5@itu.int |
| SG 9 | <https://www.itu.int/ITU-T/studygroups/com09> | tsbsg9@itu.int |
| SG 11 | <https://www.itu.int/ITU-T/studygroups/com11> | tsbsg11@itu.int |
| SG 12 | <https://www.itu.int/ITU-T/studygroups/com12> | tsbsg12@itu.int |
| SG 13 | <https://www.itu.int/ITU-T/studygroups/com13> | tsbsg13@itu.int |
| SG 15 | <https://www.itu.int/ITU-T/studygroups/com15> | tsbsg15@itu.int |
| SG 16 | <https://www.itu.int/ITU-T/studygroups/com16> | tsbsg16@itu.int |
| SG 17 | <https://www.itu.int/ITU-T/studygroups/com17> | tsbsg17@itu.int |
| SG 20 | <https://www.itu.int/ITU-T/studygroups/com20> | tsbsg20@itu.int |

Situation concerning Study Group 5 Recommendations under AAP

| **Rec #** | **Title** | **Last Call (LC) Period** | **Additional Review (AR) Period** | Status |
| --- | --- | --- | --- | --- |
| **LC Start** | **LC End** | **LCResult** | **LJResult** | **AR Start** | **AR End** | **ARResult** | **AJResult** |
| [L.1480 (L.Enablement)](https://www.itu.int/t/aap/recdetails/10272) | Enabling the Net Zero transition: Assessing how the use of ICT solutions impacts GHG emissions of other sectors ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028200801MSWE.docx&group=5)) | 2022-07-16 | 2022-08-12 | LJ | AR | 2022-09-16 | 2022-10-06 | SG |  | AC |
| [L.1481 (L.Connect2030)](https://www.itu.int/t/aap/recdetails/10273) | Guidance on how to address Connect2030 targets on net abatement ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028210801MSWE.docx&group=5)) | 2022-10-01 | 2022-10-28 | LJ | AR | 2022-11-16 | 2022-12-06 | AC |  | AC |

Situation concerning Study Group 13 Recommendations under AAP

| **Rec #** | **Title** | **Last Call (LC) Period** | **Additional Review (AR) Period** | Status |
| --- | --- | --- | --- | --- |
| **LC Start** | **LC End** | **LCResult** | **LJResult** | **AR Start** | **AR End** | **ARResult** | **AJResult** |
| [Y.2247 (Y.frd)](https://www.itu.int/t/aap/recdetails/10409) | Framework and Requirements of Network-oriented Data Integrity Verification Service based on Blockchain in Future Network ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028A90801MSWE.docx&group=13)) | 2022-12-16 | 2023-01-12 |  |  |  |  |  |  | LC |
| [Y.2248 (Y.esm)](https://www.itu.int/t/aap/recdetails/10410) | Service model for Entry-level Smart Farm ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028AA0801MSWE.docx&group=13)) | 2022-12-16 | 2023-01-12 |  |  |  |  |  |  | LC |
| [Y.3119 (Y.IMT2020-DN-CCF)](https://www.itu.int/t/aap/recdetails/10411) | Future networks including IMT-2020: capability classification framework for dedicated networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028AB0801MSWE.docx&group=13)) | 2022-12-16 | 2023-01-12 |  |  |  |  |  |  | LC |
| [Y.3120 (Y.IMT2020-fa-lg-lsn)](https://www.itu.int/t/aap/recdetails/10412) | Functional Architecture for latency guarantee in large scale networks including IMT-2020 and beyond ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028AC0801MSWE.docx&group=13)) | 2022-12-16 | 2023-01-12 |  |  |  |  |  |  | LC |
| [Y.3121 (Y.IMT2020-det-qos-reqts-lan)](https://www.itu.int/t/aap/recdetails/10413) | QoS requirements and framework for supporting deterministic communication services in local area network for IMT-2020 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028AD0801MSWE.docx&group=13)) | 2022-12-16 | 2023-01-12 |  |  |  |  |  |  | LC |
| [Y.3140 (Y.SBN-TR)](https://www.itu.int/t/aap/recdetails/10414) | Service brokering network framework for Trusted Reality ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028AE0801MSWE.docx&group=13)) | 2022-12-16 | 2023-01-12 |  |  |  |  |  |  | LC |
| [Y.3159 (Y.IMT-2020-NSL-fra)](https://www.itu.int/t/aap/recdetails/10415) | Framework for classifying network slice level in future networks including IMT-2020 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028AF0801MSWE.docx&group=13)) | 2022-12-16 | 2023-01-12 |  |  |  |  |  |  | LC |
| [Y.3183 (Y.ML-IMT2020-VNS)](https://www.itu.int/t/aap/recdetails/10416) | Framework for network slicing management assisted by machine learning leveraging QoE feedback from verticals ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028B00802MSWE.docx&group=13)) | 2022-12-16 | 2023-01-12 |  |  |  |  |  |  | LC |
| [Y.3201 (Y.FMSC-frame)](https://www.itu.int/t/aap/recdetails/10417) | Fixed, mobile and satellite convergence – Framework for IMT-2020 networks and beyond ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028B10801MSWE.docx&group=13)) | 2022-12-16 | 2023-01-12 |  |  |  |  |  |  | LC |
| [Y.3325 (Y.DL-AINW-fra)](https://www.itu.int/t/aap/recdetails/10418) | Framework for high-level AI-based management communicating with external management systems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028B20801MSWE.docx&group=13)) | 2022-12-16 | 2023-01-12 |  |  |  |  |  |  | LC |
| [Y.3539 (Y.ccrm)](https://www.itu.int/t/aap/recdetails/10419) | Cloud computing - Framework of risk management ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028B30801MSWE.docx&group=13)) | 2022-12-16 | 2023-01-12 |  |  |  |  |  |  | LC |
| [Y.3607 (Y.bdp-arch)](https://www.itu.int/t/aap/recdetails/10420) | Big data – Functional architecture for data provenance ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028B40801MSWE.docx&group=13)) | 2022-12-16 | 2023-01-12 |  |  |  |  |  |  | LC |
| [Y.3813 (Y.QKDN-iwrq)](https://www.itu.int/t/aap/recdetails/10421) | Quantum key distribution networks interworking – functional requirements ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028B50801MSWE.docx&group=13)) | 2022-12-16 | 2023-01-12 |  |  |  |  |  |  | LC |
| [Y.3814 (Y.QKDN-ml-fra)](https://www.itu.int/t/aap/recdetails/10422) | Quantum key distribution networks - functional requirements and architecture for machine learning enablement ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028B60801MSWE.docx&group=13)) | 2022-12-16 | 2023-01-12 |  |  |  |  |  |  | LC |

Situation concerning Study Group 15 Recommendations under AAP

| **Rec #** | **Title** | **Last Call (LC) Period** | **Additional Review (AR) Period** | Status |
| --- | --- | --- | --- | --- |
| **LC Start** | **LC End** | **LCResult** | **LJResult** | **AR Start** | **AR End** | **ARResult** | **AJResult** |
| [G.8052.1/Y.1346.1 (2021) Amd.1](https://www.itu.int/t/aap/recdetails/10365) | Operation, administration, maintenance (OAM) management information and data models for the Ethernet-transport network element - Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200287D0801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 | LJ | AR | 2022-12-16 | 2023-01-12 |  |  | AR |
| [G.8152.1/Y.1375.1 (2021) Amd.1](https://www.itu.int/t/aap/recdetails/10408) | Operation, administration, maintenance (OAM) management information and data models for the MPLS-TP network element - Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028A80801MSWE.docx&group=15)) | 2022-11-16 | 2022-12-13 | LJ |  |  |  |  |  | LJ |

Situation concerning Study Group 16 Recommendations under AAP

| **Rec #** | **Title** | **Last Call (LC) Period** | **Additional Review (AR) Period** | Status |
| --- | --- | --- | --- | --- |
| **LC Start** | **LC End** | **LCResult** | **LJResult** | **AR Start** | **AR End** | **ARResult** | **AJResult** |
| [F.742.1 (F.SCAI)](https://www.itu.int/t/aap/recdetails/10378) | Requirements for smart class based on artificial intelligence ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200288A0801MSWE.docx&group=16)) | 2022-11-16 | 2022-12-13 | A |  |  |  |  |  | A |
| [F.743.18 (F.5GUHDC)](https://www.itu.int/t/aap/recdetails/10379) | Requirements for IMT-2020 ultra-high definition surveillance camera ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200288B0801MSWE.docx&group=16)) | 2022-11-16 | 2022-12-13 | A |  |  |  |  |  | A |
| [F.743.19 (F.IVS-ISC)](https://www.itu.int/t/aap/recdetails/10380) | Requirements for intelligent surveillance camera in intelligent video surveillance systems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200288C0801MSWE.docx&group=16)) | 2022-11-16 | 2022-12-13 | A |  |  |  |  |  | A |
| [F.743.22 (F.ATVSReqs)](https://www.itu.int/t/aap/recdetails/10381) | Requirements and architecture of algorithm training system for intelligent video surveillance ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200288D0801MSWE.docx&group=16)) | 2022-11-16 | 2022-12-13 | A |  |  |  |  |  | A |
| [F.746.14 (F.CVR-RRF)](https://www.itu.int/t/aap/recdetails/10382) | Requirements and reference framework for cloud virtual reality systems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200288E0801MSWE.docx&group=16)) | 2022-11-16 | 2022-12-13 | A |  |  |  |  |  | A |
| [F.746.15 (F.SBNG)](https://www.itu.int/t/aap/recdetails/10383) | Requirements for smart broadband network gateway in multimedia content transmission ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200288F0801MSWE.docx&group=16)) | 2022-11-16 | 2022-12-13 | A |  |  |  |  |  | A |
| [F.746.16 (F.AI-ILICSS)](https://www.itu.int/t/aap/recdetails/10384) | Technical requirements and evaluation methods of intelligent levels of intelligent customer service systems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028900801MSWE.docx&group=16)) | 2022-11-16 | 2022-12-13 | A |  |  |  |  |  | A |
| [F.746.17 (F.MPSReqs)](https://www.itu.int/t/aap/recdetails/10385) | Requirements for media processing services ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028910801MSWE.docx&group=16)) | 2022-11-16 | 2022-12-13 | A |  |  |  |  |  | A |
| [F.747.11 (F.AI-ISD)](https://www.itu.int/t/aap/recdetails/10386) | Requirements for intelligent surface-defect detection service in industrial production line ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028920801MSWE.docx&group=16)) | 2022-11-16 | 2022-12-13 | A |  |  |  |  |  | A |
| [F.747.12 (F.AI-MVSLWS)](https://www.itu.int/t/aap/recdetails/10387) | Requirements for artificial intelligence based machine vision system in smart logistics warehouse ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028930801MSWE.docx&group=16)) | 2022-11-16 | 2022-12-13 | A |  |  |  |  |  | A |
| [F.748.17 (F.AICP-MD)](https://www.itu.int/t/aap/recdetails/10388) | Technical specification for artificial intelligence cloud platform: AI model development ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028940801MSWE.docx&group=16)) | 2022-11-16 | 2022-12-13 | A |  |  |  |  |  | A |
| [F.748.18 (F.AI-DLEMT)](https://www.itu.int/t/aap/recdetails/10389) | Metric and evaluation methods for AI-enabled multimedia application computing power benchmark ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028950801MSWE.docx&group=16)) | 2022-11-16 | 2022-12-13 | A |  |  |  |  |  | A |
| [F.748.19 (F.AI-FASD)](https://www.itu.int/t/aap/recdetails/10390) | Framework for audio structuralizing based on deep neural network ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028960801MSWE.docx&group=16)) | 2022-11-16 | 2022-12-13 | A |  |  |  |  |  | A |
| [F.748.20 (F.AI-DMPC)](https://www.itu.int/t/aap/recdetails/10391) | Technical framework for deep neural network model partition and collaborative execution ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028970801MSWE.docx&group=16)) | 2022-11-16 | 2022-12-13 | A |  |  |  |  |  | A |
| [F.748.21 (F.FDIS)](https://www.itu.int/t/aap/recdetails/10392) | Requirements and framework for feature-based distributed intelligent systems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028980801MSWE.docx&group=16)) | 2022-11-16 | 2022-12-13 | A |  |  |  |  |  | A |
| [F.751.5 (F.DLT-DMPG)](https://www.itu.int/t/aap/recdetails/10393) | Requirements for distributed ledger technology-based power grid data management ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028990801MSWE.docx&group=16)) | 2022-11-16 | 2022-12-13 | A |  |  |  |  |  | A |
| [F.751.6 (H.DLT-PAM)](https://www.itu.int/t/aap/recdetails/10394) | Performance assessment methods for distributed ledger technology platforms ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200289A0801MSWE.docx&group=16)) | 2022-11-16 | 2022-12-13 | A |  |  |  |  |  | A |
| [F.751.7 (H.DLT-FAM)](https://www.itu.int/t/aap/recdetails/10395) | Functional assessment methods for distributed ledger technology platforms ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200289B0801MSWE.docx&group=16)) | 2022-11-16 | 2022-12-13 | A |  |  |  |  |  | A |
| [F.760.1 (F.EMRESCUE)](https://www.itu.int/t/aap/recdetails/10396) | Requirements and reference framework for emergency rescue systems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200289C0801MSWE.docx&group=16)) | 2022-11-16 | 2022-12-13 | A |  |  |  |  |  | A |
| [F.780.3 (F.TCUR-UHD)](https://www.itu.int/t/aap/recdetails/10397) | Use cases and requirements for ultra-high-definition teleconsulting system ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200289D0801MSWE.docx&group=16)) | 2022-11-16 | 2022-12-13 | A |  |  |  |  |  | A |
| [G.168 (2015) Cor.1](https://www.itu.int/t/aap/recdetails/10398) | Digital network echo cancellers: Reference error corrections ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200289E0801MSWE.docx&group=16)) | 2022-11-16 | 2022-12-13 | A |  |  |  |  |  | A |
| [H.222.0 (Ed.8) Amd.1](https://www.itu.int/t/aap/recdetails/10399) | Information technology - Generic coding of moving pictures and associated audio information: Systems: Carriage of LCEVC and other improvements ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200289F0801MSWE.docx&group=16)) | 2022-11-16 | 2022-12-13 | A |  |  |  |  |  | A |
| [H.222.0 (Ed.8) Cor.1](https://www.itu.int/t/aap/recdetails/10400) | Information technology - Generic coding of moving pictures and associated audio information: Systems: Adding missing field compatibleProfileSetsPresent ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028A00801MSWE.docx&group=16)) | 2022-11-16 | 2022-12-13 | A |  |  |  |  |  | A |
| [H.245 (V17) Cor.1](https://www.itu.int/t/aap/recdetails/10401) | Control protocol for multimedia communication: ASN.1 error corrections ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028A10801MSWE.docx&group=16)) | 2022-11-16 | 2022-12-13 | A |  |  |  |  |  | A |
| [H.627.3 (H.PIVSS)](https://www.itu.int/t/aap/recdetails/10402) | Protocols for intelligent video surveillance systems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028A20801MSWE.docx&group=16)) | 2022-11-16 | 2022-12-13 | A |  |  |  |  |  | A |
| [H.644.5 (H.MCDN-CRRS)](https://www.itu.int/t/aap/recdetails/10403) | Functional architecture of content request routing service in multimedia content delivery networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028A30801MSWE.docx&group=16)) | 2022-11-16 | 2022-12-13 | A |  |  |  |  |  | A |
| [H.845.10](https://www.itu.int/t/aap/recdetails/10404) | Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5J: Insulin pump ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028A40801MSWE.docx&group=16)) | 2022-11-16 | 2022-12-13 | A |  |  |  |  |  | A |
| [T.808 (V2)](https://www.itu.int/t/aap/recdetails/10405) | Information technology – JPEG 2000 image coding system: Interactivity tools, APIs and protocols ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028A50801MSWE.docx&group=16)) | 2022-11-16 | 2022-12-13 | A |  |  |  |  |  | A |

Annex 2

(to TSB AAP-19)

Using the on-line comment submission form

Comment submission

1) Go to AAP search Web page at <https://www.itu.int/ITU-T/aap/>



2) Select your Recommendation



3) Click the "Submit Comment" button



4) Complete the on-line form and click on "Submit"



For more information, read the AAP tutorial on:
<https://www.itu.int/ITU-T/aapinfo/files/AAPTutorial.pdf>

Annex 3

(to TSB AAP-19)

Recommendations under LC/AR – Comment submission form

*(Separate form for each Recommendation being commented upon)*

|  |
| --- |
| ITU-T AAP comment submission form |
| **Study Group:** |  |
| **Announcement number:** |  |
| **Recommendation number:** |  |
| **Date consented:** |  |
| **Recommendation under:** | [ ]  Last call (LC)[ ]  Additional Review (AR) |
| **Country:** |  |
| **Administration/Company:** |  |
| **Name of AAP Contact Person:** |  |
| **Email of AAP Contact Person:** |  |
| **Sender name:(if different from AAP Contact Person)** |  |
| **Sender email address:** |  |
| **Telephone:** |  |
| **Comments:(Choose as applicable)** | [ ]  We do not support this text. Reasons are given in the attachment.[ ]  We support this text on the condition that it be modified as per revision shown in the attachment. |
| **Observations:** |  |

 [ ]  **No attachment:** Comments are given in the Observation field, no attachment needed

*To be returned to: email:* *tsbsg....@itu.int* *[or fax +41 22 730 5853]
Comments or revised text should be sent as an attachment in RTF or WinWord format.
Revision marks must be shown relative to the text posted by TSB.*