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| ITU official logo_blue_RGB | International Telecommunication Union  *Telecommunication Standardization Bureau* |  |

Geneva, 16 January 2023

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| Ref:  Tel:  Fax:  E-mail: | **TSB AAP-20**  AAP/SO  +41 22 730 5860  +41 22 730 5853  [tsbdir@itu.int](mailto:tsbdir@itu.int) | – To Administrations of Member States of the Union;  – To ITU-T Sector Members;  – To ITU-T Associates;  – To ITU Academia  **Copy:**  – To the ITU-T Study Group Chairmen and Vice-Chairmen;  – To the Director of the Telecommunication Development Bureau;  – To the Director of the Radiocommunication Bureau |

|  |  |
| --- | --- |
| Subject: | **Situation concerning Recommendations under the Alternative Approval Process (AAP)** |

Dear Sir/Madam,

The Alternative Approval Process (AAP) defined in Recommendation ITU-T A.8 applies to Recommendations that do not have policy or regulatory implications and which, therefore, do not require formal consultation of Member States (see ITU Convention 246B).

**Annex 1** lists those texts whose status has changed compared with previous TSB AAP Announcements.

Any member wishing to submit a comment relative to a Recommendation under AAP is encouraged to use the on-line AAP comment submission form available on the page of the Recommendation via [https://www.itu.int/ITU-T/aap](https://www.itu.int/ITU-T/aap/) (see **Annex 2**). Alternatively, comments may be submitted by completing the form in **Annex 3** and sending it to the secretariat of the concerned study group.

Please note that comments that simply support adoption of the text in question are not encouraged.

Yours faithfully,

Seizo Onoe  
Director of the Telecommunication Standardization Bureau

**Annexes:** 3

Annex 1

(to TSB AAP-20)

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](mailto:tsbsg2@itu.int) |
| SG 3 | <https://www.itu.int/ITU-T/studygroups/com03> | [tsbsg3@itu.int](mailto:tsbsg3@itu.int) |
| SG 5 | <https://www.itu.int/ITU-T/studygroups/com05> | [tsbsg5@itu.int](mailto:tsbsg5@itu.int) |
| SG 9 | <https://www.itu.int/ITU-T/studygroups/com09> | [tsbsg9@itu.int](mailto:tsbsg9@itu.int) |
| SG 11 | <https://www.itu.int/ITU-T/studygroups/com11> | [tsbsg11@itu.int](mailto:tsbsg11@itu.int) |
| SG 12 | <https://www.itu.int/ITU-T/studygroups/com12> | [tsbsg12@itu.int](mailto:tsbsg12@itu.int) |
| SG 13 | <https://www.itu.int/ITU-T/studygroups/com13> | [tsbsg13@itu.int](mailto:tsbsg13@itu.int) |
| SG 15 | <https://www.itu.int/ITU-T/studygroups/com15> | [tsbsg15@itu.int](mailto:tsbsg15@itu.int) |
| SG 16 | <https://www.itu.int/ITU-T/studygroups/com16> | [tsbsg16@itu.int](mailto:tsbsg16@itu.int) |
| SG 17 | <https://www.itu.int/ITU-T/studygroups/com17> | [tsbsg17@itu.int](mailto:tsbsg17@itu.int) |
| SG 20 | <https://www.itu.int/ITU-T/studygroups/com20> | [tsbsg20@itu.int](mailto: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** | **LC Result** | **LJ Result** | **AR Start** | **AR End** | **AR Result** | **AJ Result** |
| [L.1306 (L.Spec\_Edge DC)](https://www.itu.int/t/aap/recdetails/10376) | Specification of edge data centre infrastructure ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028880802MSWE.docx&group=5)) | 2022-12-01 | 2023-01-12 | LJ |  |  |  |  |  | LJ |
| [L.1400 (L.1400rev)](https://www.itu.int/t/aap/recdetails/10375) | Overview and general principles of methodologies for assessing the environmental impact of information and communication technologies ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028870802MSWE.docx&group=5)) | 2022-12-01 | 2023-01-12 | LJ |  |  |  |  |  | LJ |
| [L.1630 (L.FrameworkBIMSssc)](https://www.itu.int/t/aap/recdetails/10377) | Framework of building infrastructure management system for sustainable city ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028890802MSWE.docx&group=5)) | 2022-12-01 | 2023-01-12 | A |  |  |  |  |  | A |

Situation concerning Study Group 11 Recommendations under AAP

| **Rec #** | **Title** | **Last Call (LC) Period** | | | | **Additional Review (AR) Period** | | | | Status |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **LC Start** | **LC End** | **LC Result** | **LJ Result** | **AR Start** | **AR End** | **AR Result** | **AJ Result** |
| [Q.3647 (Q.Sig\_Req\_ETS\_IMS\_roaming)](https://www.itu.int/t/aap/recdetails/10426) | Signalling requirements for emergency service in IMS roaming environment ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028BA0801MSWE.docx&group=11)) | 2023-01-16 | 2023-02-12 |  |  |  |  |  |  | LC |
| [Q.4070 (Q.vbng-iop-ts)](https://www.itu.int/t/aap/recdetails/10425) | Test suite for interoperability testing of virtualized broadband network gateway ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028B90801MSWE.docx&group=11)) | 2023-01-16 | 2023-02-12 |  |  |  |  |  |  | LC |
| [Q.5004 (Q.LiteIMS-SA)](https://www.itu.int/t/aap/recdetails/10424) | Signalling architecture of Lite IMS for IMT-2020 network and beyond ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028B80801MSWE.docx&group=11)) | 2023-01-16 | 2023-02-12 |  |  |  |  |  |  | LC |
| [Q.5005 (Q.IMT2020-SAO)](https://www.itu.int/t/aap/recdetails/10423) | Requirement, framework and protocols for signalling network analysis and optimization in IMT-2020 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028B70801MSWE.docx&group=11)) | 2023-01-16 | 2023-02-12 |  |  |  |  |  |  | LC |

Situation concerning Study Group 13 Recommendations under AAP

| **Rec #** | **Title** | **Last Call (LC) Period** | | | | **Additional Review (AR) Period** | | | | Status |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **LC Start** | **LC End** | **LC Result** | **LJ Result** | **AR Start** | **AR End** | **AR Result** | **AJ Result** |
| [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 | A |  |  |  |  |  | A |
| [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 | A |  |  |  |  |  | A |
| [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 | A |  |  |  |  |  | A |
| [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 | A |  |  |  |  |  | A |
| [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 | A |  |  |  |  |  | A |
| [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 | LJ |  |  |  |  |  | LJ |
| [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 | LJ |  |  |  |  |  | LJ |
| [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 | A |  |  |  |  |  | A |
| [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 | A |  |  |  |  |  | A |
| [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 | A |  |  |  |  |  | A |
| [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 | A |  |  |  |  |  | A |
| [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 | A |  |  |  |  |  | A |
| [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 | A |  |  |  |  |  | A |
| [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 | A |  |  |  |  |  | A |

Situation concerning Study Group 15 Recommendations under AAP

| **Rec #** | **Title** | **Last Call (LC) Period** | | | | **Additional Review (AR) Period** | | | | Status |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **LC Start** | **LC End** | **LC Result** | **LJ Result** | **AR Start** | **AR End** | **AR Result** | **AJ Result** |
| [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 | AC |  | AC |
| [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 | AR | 2023-01-16 | 2023-02-05 |  |  | AR |
| [G.9711 (2021) Cor.1](https://www.itu.int/t/aap/recdetails/10330) | Multi-gigabit fast access to subscriber terminals (MGfast) Physical layer specification - Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200285A0801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 | LJ | AR | 2022-12-01 | 2022-12-21 | AC |  | AC |

Situation concerning Study Group 16 Recommendations under AAP

| **Rec #** | **Title** | **Last Call (LC) Period** | | | | **Additional Review (AR) Period** | | | | Status |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **LC Start** | **LC End** | **LC Result** | **LJ Result** | **AR Start** | **AR End** | **AR Result** | **AJ Result** |
| [T.807 (V2)](https://www.itu.int/t/aap/recdetails/10406) | Information technology – JPEG 2000 image coding system: Secure JPEG 2000 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028A60801MSWE.docx&group=16)) | 2023-01-16 | 2023-02-12 |  |  |  |  |  |  | LC |
| [T.816 (V1)](https://www.itu.int/t/aap/recdetails/10407) | Information technology - JPEG 2000 image coding system: Extensions for coding of discontinuous media ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028A70801MSWE.docx&group=16)) | 2023-01-16 | 2023-02-12 |  |  |  |  |  |  | LC |

Annex 2

(to TSB AAP-20)

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-20)

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*](mailto: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.*