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

Geneva, 16 July 2019

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| Ref:  Tel:  Fax:  E-mail: | **TSB AAP-62**  AAP/CL  +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,

Chaesub Lee  
Director of the Telecommunication Standardization Bureau

**Annexes:** 3

Annex 1

(to TSB AAP-62)

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** |
| [K.20 (Revision of K.20)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8449) | Resistibility of telecommunication equipment installed in a telecommunication centre to overvoltages and overcurrents ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021010801MSWE.docx&group=5)) | 2019-06-16 | 2019-07-13 | A |  |  |  |  |  | A |
| [K.21 (Revision of K.21)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8450) | Resistibility of telecommunication equipment installed in customer premises to overvoltages and overcurrents ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021020801MSWE.docx&group=5)) | 2019-06-16 | 2019-07-13 | A |  |  |  |  |  | A |
| [K.44 (Revision of K.44)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8448) | Resistibility tests for telecommunication equipment exposed to overvoltages and overcurrents - Basic Recommendation ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021000801MSWE.docx&group=5)) | 2019-06-16 | 2019-07-13 | LJ |  |  |  |  |  | LJ |
| [K.45 (Revision of K.45)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8451) | Resistibility of telecommunication equipment installed in the access and trunk networks to overvoltages and overcurrents ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021030801MSWE.docx&group=5)) | 2019-06-16 | 2019-07-13 | LJ |  |  |  |  |  | LJ |
| [K.77 (Revision of K.77)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8447) | Characteristics of metal oxide varistors for the protection of telecommunication installations ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020FF0801MSWE.docx&group=5)) | 2019-06-16 | 2019-07-13 | A |  |  |  |  |  | A |
| [K.100 (Revision of K.100)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8452) | Measurement of radio frequency electromagnetic fields to determine compliance with human exposure limits when a base station is put into service ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021040801MSWE.docx&group=5)) | 2019-06-16 | 2019-07-13 | A |  |  |  |  |  | A |
| [K.112 (K.112)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8453) | Lightning protection, earthing and bonding: Practical procedures for radio base stations ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021050801MSWE.docx&group=5)) | 2019-06-16 | 2019-07-13 | A |  |  |  |  |  | A |
| [K.116 (Revision of ITU-T K.116)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8454) | Electromagnetic compatibility requirements and test methods for radio telecommunication terminal equipment ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021060801MSWE.docx&group=5)) | 2019-06-16 | 2019-07-13 | A |  |  |  |  |  | A |
| [K.123 (K.123)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8455) | Electromagnetic compatibility requirements for electrical equipment in telecommunication facilities ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021070801MSWE.docx&group=5)) | 2019-06-16 | 2019-07-13 | A |  |  |  |  |  | A |
| [K.140 (K.appl5)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8441) | Surge protective component application guide - Fuses ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020F90801MSWE.docx&group=5)) | 2019-06-16 | 2019-07-13 | A |  |  |  |  |  | A |
| [K.141 (K.ipe)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8442) | Electromagnetic compatibility requirements for Information Perception Equipment ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020FA0801MSWE.docx&group=5)) | 2019-06-16 | 2019-07-13 | A |  |  |  |  |  | A |
| [L.1000 (Revision of L.1000)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8460) | Universal power adapter and charger solution for mobile terminals and other hand-held ICT devices ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200210C0801MSWE.docx&group=5)) | 2019-06-16 | 2019-07-13 | A |  |  |  |  |  | A |
| [L.1022 (L.CE\_Concepts)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8446) | Circular Economy: Definitions and concepts for material efficiency for Information and Communication Technology ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020FE0801MSWE.docx&group=5)) | 2019-07-16 | 2019-08-12 |  |  |  |  |  |  | LC |
| [L.1032 (L.ER)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8445) | Guidelines and certification schemes for e-waste recyclers ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020FD0801MSWE.docx&group=5)) | 2019-07-16 | 2019-08-12 |  |  |  |  |  |  | LC |
| [L.1362 (L.GAL2)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8444) | Interface for power management in network function virtualization environments – Green abstraction layer version 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020FC0801MSWE.docx&group=5)) | 2019-07-16 | 2019-08-12 |  |  |  |  |  |  | LC |
| [L.1507 (L.SES)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8443) | Use of ICT sites to support environmental sensing ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020FB0801MSWE.docx&group=5)) | 2019-06-16 | 2019-07-13 | A |  |  |  |  |  | A |

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.2243 (Y.farms)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8475) | A service model for risk mitigation service based on networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200211B0805MSWE.docx&group=13)) | 2019-07-16 | 2019-08-12 |  |  |  |  |  |  | LC |
| [Y.2775 (Y.DpiArchFn)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8476) | Functional architecture of deep packet inspection for future networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200211C0801MSWE.docx&group=13)) | 2019-07-16 | 2019-08-12 |  |  |  |  |  |  | LC |
| [Y.3073 (Y.ICN-FnChain)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8477) | Framework for service function chaining in information centric networking ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200211D0801MSWE.docx&group=13)) | 2019-07-16 | 2019-08-12 |  |  |  |  |  |  | LC |
| [Y.3074 (Y.ICN-DS-framework)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8478) | Framework for directory service for management of huge number of heterogeneously named objects in IMT-2020 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200211E0801MSWE.docx&group=13)) | 2019-07-16 | 2019-08-12 |  |  |  |  |  |  | LC |
| [Y.3107 (Y.IMT2020-qos-fa)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8479) | Functional architecture for QoS assurance management in the IMT-2020 network ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200211F0801MSWE.docx&group=13)) | 2019-07-16 | 2019-08-12 |  |  |  |  |  |  | LC |
| [Y.3131 (Y.FMC-ARCH)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8480) | Functional architecture for supporting fixed mobile convergence in IMT-2020 networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021200801MSWE.docx&group=13)) | 2019-07-16 | 2019-08-12 |  |  |  |  |  |  | LC |
| [Y.3508 (Y.ccdc-reqts)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8481) | Cloud computing - Overview and high-level requirements of distributed cloud ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021210801MSWE.docx&group=13)) | 2019-07-16 | 2019-08-12 |  |  |  |  |  |  | LC |
| [Y.3523 (Y.cslm-metadata)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8482) | Metadata framework for NaaS service lifecycle management ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021220801MSWE.docx&group=13)) | 2019-07-16 | 2019-08-12 |  |  |  |  |  |  | LC |
| [Y.3800 (Y.QKDN\_FR)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8483) | Framework for Networks supporting Quantum Key Distribution ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021230801MSWE.docx&group=13)) | 2019-07-16 | 2019-08-12 |  |  |  |  |  |  | LC |

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** |
| [H.265 (V6)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8425) | High efficiency video coding ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020E90801MSWE.docx&group=16)) | 2019-06-01 | 2019-06-28 | LJ | A |  |  |  |  | A |
| [T.832 (V4)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8423) | Information technology - JPEG XR image coding system - Image coding specification ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020E70801MSWE.docx&group=16)) | 2019-06-01 | 2019-06-28 | LJ | A |  |  |  |  | A |

Situation concerning Study Group 20 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.4051 (Y.SCC-Terms)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8374) | Vocabulary for smart cities and communities ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020B60801MSWE.docx&group=20)) | 2019-01-16 | 2019-02-12 | LJ | AR | 2019-06-16 | 2019-07-06 | AC |  | AC |
| [Y.4906 (Y.AFDTS)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8429) | Assessment framework for digital transformation of sectors in smart cities ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020ED0801MSWE.docx&group=20)) | 2019-05-16 | 2019-06-12 | AR |  | 2019-06-16 | 2019-07-06 | AC |  | AC |

Annex 2

(to TSB AAP-62)

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-62)

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.*