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

Geneva, 16 December 2021

|  |  |  |
| --- | --- | --- |
| Ref:  Tel:  Fax:  E-mail: | **TSB AAP-118**  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.

No AAP announcement will be made on 1 January 2022 since ITU will be closed. Consequently, the AAP comment-submission deadline for some texts has been extended.

Yours faithfully,

Chaesub Lee  
Director of the Telecommunication Standardization Bureau

**Annexes:** 3

Annex 1

(to TSB AAP-118)

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.83 (K.83)](https://www.itu.int/t/aap/recdetails/10146) | Monitoring of electromagnetic field levels ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027A20801MSWE.docx&group=5)) | 2021-12-16 | 2022-01-12 |  |  |  |  |  |  | LC |
| [K.91 (K.91)](https://www.itu.int/t/aap/recdetails/10147) | Guidance for assessment, evaluation and monitoring of human exposure to radio frequency electromagnetic fields ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027A30801MSWE.docx&group=5)) | 2021-12-16 | 2022-01-12 |  |  |  |  |  |  | LC |
| [K.124](https://www.itu.int/t/aap/recdetails/10148) | Overview of particle radiation effects on telecommunication systems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027A40801MSWE.docx&group=5)) | 2021-12-16 | 2022-01-12 |  |  |  |  |  |  | LC |
| [K.130](https://www.itu.int/t/aap/recdetails/10149) | Neutron irradiation test methods for telecommunication equipment ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027A50801MSWE.docx&group=5)) | 2021-12-16 | 2022-01-12 |  |  |  |  |  |  | LC |
| [K.131](https://www.itu.int/t/aap/recdetails/10150) | Design methodologies for telecommunication systems applying soft error measures ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027A60801MSWE.docx&group=5)) | 2021-12-16 | 2022-01-12 |  |  |  |  |  |  | LC |
| [K.137 (Revision of ITU-T K.137)](https://www.itu.int/t/aap/recdetails/10143) | Electromagnetic compatibility requirements and measurement methods for wireline telecommunication network equipment ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200279F0801MSWE.docx&group=5)) | 2021-12-16 | 2022-01-12 |  |  |  |  |  |  | LC |
| [K.138](https://www.itu.int/t/aap/recdetails/10151) | Quality estimation methods and application guidelines for mitigation measures based on particle radiation tests ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027A70801MSWE.docx&group=5)) | 2021-12-16 | 2022-01-12 |  |  |  |  |  |  | LC |
| [K.139](https://www.itu.int/t/aap/recdetails/10152) | Reliability requirements for telecommunication systems affected by particle radiation ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027A80801MSWE.docx&group=5)) | 2021-12-16 | 2022-01-12 |  |  |  |  |  |  | LC |
| [K.147](https://www.itu.int/t/aap/recdetails/10025) | Protection of networked information technology equipment ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027290801MSWE.docx&group=5)) | 2021-06-01 | 2021-06-28 | LJ | AR | 2021-12-16 | 2022-01-12 |  |  | AR |
| [K.151 (K.HVAC\_400VDC)](https://www.itu.int/t/aap/recdetails/10153) | Electrical safety and lightning protection of medium voltage input and up to ±400VDC output power system in ICT data centre and telecommunication centre ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027A90801MSWE.docx&group=5)) | 2021-12-16 | 2022-01-12 |  |  |  |  |  |  | LC |
| [L.1050 (L.methodology\_arch)](https://www.itu.int/t/aap/recdetails/10032) | Methodology to identify the key equipment in order to assess the environmental impact and e-waste generation of different network architectures ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027300801MSWE.docx&group=5)) | 2021-06-16 | 2021-07-13 | LJ | AR | 2021-12-16 | 2022-01-12 |  |  | AR |
| [L.1331](https://www.itu.int/t/aap/recdetails/10154) | Assessment of mobile network energy efficiency ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027AA0801MSWE.docx&group=5)) | 2021-12-16 | 2022-01-12 |  |  |  |  |  |  | LC |

Situation concerning Study Group 9 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** |
| [J.198.1 (J.HiNoC3-REQ)](https://www.itu.int/t/aap/recdetails/10110) | Functional requirements for third-generation HiNoC ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200277E0802MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 |  |  |  |  |  |  | LC |
| [J.299 (J.299-rev)](https://www.itu.int/t/aap/recdetails/10142) | Functional requirements for remote management of cable set-top-box by auto configuration server ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200279E0801MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 |  |  |  |  |  |  | LC |
| [J.482 Cor.1](https://www.itu.int/t/aap/recdetails/10126) | Requirements of a radio frequency (RF)/Internet protocol (IP) video switching system - Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200278E0802MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 |  |  |  |  |  |  | LC |
| [J.483 (J.rfip-switching-arch)](https://www.itu.int/t/aap/recdetails/10127) | Architecture and Functional Specifications of a radio frequency (RF)/Internet protocol (IP) video switching system ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200278F0801MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 |  |  |  |  |  |  | LC |
| [J.1026 (J.1026-rev)](https://www.itu.int/t/aap/recdetails/10128) | Downloadable conditional access system for unidirectional networks - Requirements ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027900801MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 |  |  |  |  |  |  | LC |
| [J.1027 (J.1027-rev)](https://www.itu.int/t/aap/recdetails/10129) | Downloadable conditional access system for unidirectional networks - System architecture ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027910801MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 |  |  |  |  |  |  | LC |
| [J.1028 (J.1028-rev)](https://www.itu.int/t/aap/recdetails/10130) | Downloadable conditional access system for unidirectional networks - Terminal system ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027920801MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 |  |  |  |  |  |  | LC |
| [J.1111 (J.AIP-DVCS)](https://www.itu.int/t/aap/recdetails/10131) | Requirements for Advanced IP-based Digital Video Convergence Service ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027930801MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 |  |  |  |  |  |  | LC |
| [J.1201 (J.1201-rev)](https://www.itu.int/t/aap/recdetails/10132) | Functional requirements of a smart TV operating system ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027940801MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 |  |  |  |  |  |  | LC |
| [J.1202 (J.1202-rev)](https://www.itu.int/t/aap/recdetails/10133) | The architecture of a smart TV operating system ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027950801MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 |  |  |  |  |  |  | LC |
| [J.1203 (J.1203-rev)](https://www.itu.int/t/aap/recdetails/10134) | The specification of a smart TV operating system ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027960801MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 |  |  |  |  |  |  | LC |
| [J.1204 (J.1204-rev)](https://www.itu.int/t/aap/recdetails/10135) | The security framework of a smart TV operating system ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027970801MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 |  |  |  |  |  |  | LC |
| [J.1205 (J.stvos-hal)](https://www.itu.int/t/aap/recdetails/10136) | The hardware abstract layer API of a smart TV operating system ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027980801MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 |  |  |  |  |  |  | LC |
| [J.1302 Cor.1](https://www.itu.int/t/aap/recdetails/10137) | Specification of a cloud-based converged media service to support Internet protocol and broadcast cable television – System architecture – Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027990802MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 |  |  |  |  |  |  | LC |
| [J.1303 (J.CBCMS-part3)](https://www.itu.int/t/aap/recdetails/10138) | The specification of cloud-based converged media service to support IP and Broadcast Cable TV – System specification on collaboration between production media cloud and cable service cloud ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200279A0801MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 |  |  |  |  |  |  | LC |
| [J.1304 (J.cable-ott)](https://www.itu.int/t/aap/recdetails/10139) | Functional requirements for service collaboration between cable television operator and OTT service provider ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200279B0801MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 |  |  |  |  |  |  | LC |
| [J.1401 (J.dtc-dist-req)](https://www.itu.int/t/aap/recdetails/10140) | Television Content Distribution Platforms: Requirements for Open Access and Signal Quality ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200279C0801MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 |  |  |  |  |  |  | LC |
| [J.1612 (J.pcnp-smgw-arch)](https://www.itu.int/t/aap/recdetails/10141) | The Architecture for Smart Home Gateway ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200279D0801MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 |  |  |  |  |  |  | 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.3057 (Y.trust-index)](https://www.itu.int/t/aap/recdetails/10058) | A trust index model for ICT infrastructures and services ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200274A0801MSWE.docx&group=13)) | 2021-08-16 | 2021-09-12 | LJ | SG |  |  |  |  | AC |
| [Y.3606 (Y.bDPI-Mec)](https://www.itu.int/t/aap/recdetails/10052) | Big data – Deep packet inspection mechanism for big data in network ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027440801MSWE.docx&group=13)) | 2021-08-16 | 2021-09-12 | LJ | SG |  |  |  |  | AC |
| [Y.3805 (Y.QKDN\_SDNC)](https://www.itu.int/t/aap/recdetails/10057) | Quantum Key Distribution Networks - Software Defined Networking Control ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027490801MSWE.docx&group=13)) | 2021-08-16 | 2021-09-12 | LJ | SG |  |  |  |  | AC |

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.4123 (Y.SmartShoppingMall)](https://www.itu.int/t/aap/recdetails/10091) | Requirements and capability framework of smart shopping mall system ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200276B0801MSWE.docx&group=20)) | 2021-11-01 | 2021-11-28 | LJ | AR | 2021-12-16 | 2022-01-12 |  |  | AR |
| [Y.4562 (Y.STIS-fm)](https://www.itu.int/t/aap/recdetails/10105) | Functions and metadata of spatiotemporal information service for smart cities ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027790801MSWE.docx&group=20)) | 2021-11-16 | 2021-12-13 | A |  |  |  |  |  | A |

Annex 2

(to TSB AAP-118)

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-118)

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.*