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

Geneva, 1 May 2020

|  |  |  |
| --- | --- | --- |
| Ref:  Tel:  Fax:  E-mail: | **TSB AAP-80**  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-80)

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 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.1 (J.1-rev)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8714) | Terms, definitions and acronyms for television and sound transmission and integrated broadband cable networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200220A0801MSWE.docx&group=9)) | 2020-05-01 | 2020-05-28 |  |  |  |  |  |  | LC |
| [J.216 (J.216-rev)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8720) | Second-generation modular headend architecture in systems for interactive cable television services - IP cable modems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022100801MSWE.docx&group=9)) | 2020-05-01 | 2020-05-28 |  |  |  |  |  |  | LC |
| [J.224 (J.224-rev)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8721) | Fifth-generation transmission systems for interactive cable television services - IP cable modems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022110801MSWE.docx&group=9)) | 2020-05-01 | 2020-05-28 |  |  |  |  |  |  | LC |
| [J.225 (J.4GDOCSIS)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8715) | Fourth-generation transmission systems for interactive cable television services - IP cable modems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200220B0801MSWE.docx&group=9)) | 2020-05-01 | 2020-05-28 |  |  |  |  |  |  | LC |
| [J.299 (J.acs-stb)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8716) | Functional Requirements for remote management of cable STB by Auto Configuration Server (ACS) ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200220C0801MSWE.docx&group=9)) | 2020-05-01 | 2020-05-28 |  |  |  |  |  |  | LC |
| [J.1031 (J.twoway-dcas-part1)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8717) | Downloadable Conditional Access System for Bidirectional Network; Requirements ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200220D0801MSWE.docx&group=9)) | 2020-05-01 | 2020-05-28 |  |  |  |  |  |  | LC |
| [J.1203 (J.stvos-spec)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8718) | The specification of a smart TV operating system ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200220E0802MSWE.docx&group=9)) | 2020-05-01 | 2020-05-28 |  |  |  |  |  |  | LC |
| [J.1211 (J.ipvb-spec)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8719) | Specifications of IP Video Broadcast (IPVB) for CATV Networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200220F0801MSWE.docx&group=9)) | 2020-05-01 | 2020-05-28 |  |  |  |  |  |  | LC |

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.3057 (Q.SR-Trust)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8695) | Signalling requirements and architecture for interconnection between trustable network entities ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021F70801MSWE.docx&group=11)) | 2020-04-01 | 2020-04-28 | A |  |  |  |  |  | A |
| [Q.3745 (Q.QMP-TCA)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8697) | Protocol for time constraint IoT-based applications over SDN ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021F90801MSWE.docx&group=11)) | 2020-04-01 | 2020-04-28 | A |  |  |  |  |  | A |
| [Q.3963 (Q.SDN-OFT)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8699) | The compatibility testing of SDN-based equipment using OpenFlow protocol ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021FB0801MSWE.docx&group=11)) | 2020-04-01 | 2020-04-28 | A |  |  |  |  |  | A |
| [Q.5022 (Q.SP-EEC)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8696) | Signalling procedure of energy efficient device-to-device communication for IMT-2020 network ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021F80801MSWE.docx&group=11)) | 2020-04-01 | 2020-04-28 | A |  |  |  |  |  | A |
| [X.609.5 (X.609.5)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8698) | Managed P2P communications: Overlay management protocol ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021FA0801MSWE.docx&group=11)) | 2020-04-01 | 2020-04-28 | A |  |  |  |  |  | A |

Situation concerning Study Group 12 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** |
| [E.812 (E.CrowdESFB)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8710) | Crowdsourcing approach for the assessment of end-to-end QoS in fixed and mobile broadband networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022060801MSWE.docx&group=12)) | 2020-05-01 | 2020-05-28 |  |  |  |  |  |  | LC |
| [G.1035 (G.QoE-VR)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8711) | Influencing factors on quality of experience (QoE) for virtual reality (VR) services ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022070801MSWE.docx&group=12)) | 2020-05-01 | 2020-05-28 |  |  |  |  |  |  | LC |
| [P.501](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8712) | Test signals for use in telephony and other speech-based applications ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022080801MSWE.docx&group=12)) | 2020-05-01 | 2020-05-28 |  |  |  |  |  |  | LC |
| [P.1203.3 Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8713) | Parametric bitstream-based quality assessment of progressive download and adaptive audiovisual streaming services over reliable transport - Quality integration module Amendment 1 - Adjustment of the audiovisual quality ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022090801MSWE.docx&group=12)) | 2020-05-01 | 2020-05-28 |  |  |  |  |  |  | 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.2029 (2015) Amd.1 (Y.NE-MPT)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8706) | A multi-path transmission control in multi-connection: Amendment 1 - Network Equipment based Multipath Transmission ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022020801MSWE.docx&group=13)) | 2020-04-01 | 2020-04-28 | A |  |  |  |  |  | A |
| [Y.3154 (Y.NetSoft-SSMO)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8701) | Resource pooling for scalable network slice service management and orchestration in the IMT-2020 network ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021FD0801MSWE.docx&group=13)) | 2020-04-01 | 2020-04-28 | A |  |  |  |  |  | A |
| [Y.3175 (Y.qos-ml-arc)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8700) | Functional architecture of machine learning based quality of service assurance for the IMT-2020 network ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021FC0801MSWE.docx&group=13)) | 2020-04-01 | 2020-04-28 | A |  |  |  |  |  | A |
| [Y.3652 (Y.bDDN-req)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8703) | Big data driven networking – requirements ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021FF0802MSWE.docx&group=13)) | 2020-04-01 | 2020-04-28 | LJ |  |  |  |  |  | LJ |
| [Y.3800 (2019) Corr.1 (Y.3800 (2019) Corr.1)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8707) | Overview on networks supporting quantum key distribution - Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022030801MSWE.docx&group=13)) | 2020-04-01 | 2020-04-28 | A |  |  |  |  |  | A |
| [Y.3801 (Y.QKDN-req)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8705) | Functional requirements for quantum key distribution networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022010801MSWE.docx&group=13)) | 2020-04-01 | 2020-04-28 | 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.8300 (G.ctn5g)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8675) | Characteristics of transport networks to support IMT-2020/5G ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021E30803MSWE.docx&group=15)) | 2020-02-16 | 2020-03-14 | LJ | AR | 2020-05-01 | 2020-05-21 |  |  | AR |

Situation concerning Study Group 17 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** |
| [X.1149 (X.sfop)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8709) | Security framework of open platform for FinTech services ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022050801MSWE.docx&group=17)) | 2020-05-01 | 2020-05-28 |  |  |  |  |  |  | LC |
| [X.1402 (X.sra-dlt)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8708) | Security framework for distributed ledger technology ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022040801MSWE.docx&group=17)) | 2020-05-01 | 2020-05-28 |  |  |  |  |  |  | LC |
| [X.1451 (X.tfrca)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8722) | Risk identification to optimize authentication ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022120801MSWE.docx&group=17)) | 2020-05-01 | 2020-05-28 |  |  |  |  |  |  | LC |

Annex 2

(to TSB AAP-80)

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-80)

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.*