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

Geneva, 1 April 2022

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| Ref:  Tel:  Fax:  E-mail: | **TSB AAP-2**  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-2)

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 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.994.1 (2021) Amd. 1](https://www.itu.int/t/aap/recdetails/10163) | Handshake procedures for digital subscriber line transceivers - Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027B30801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 | LJ | AR | 2022-04-01 | 2022-04-21 |  |  | AR |
| [G.997.3 (2021) Amd. 1](https://www.itu.int/t/aap/recdetails/10165) | Physical layer management for MGfast transceivers - Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027B50801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 | LJ | AR | 2022-04-01 | 2022-04-21 |  |  | AR |
| [G.8021/Y.1341](https://www.itu.int/t/aap/recdetails/10173) | Characteristics of Ethernet transport network equipment functional blocks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027BD0801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 | LJ | AR | 2022-04-01 | 2022-04-21 |  |  | AR |
| [G.9702 (G.fastback)](https://www.itu.int/t/aap/recdetails/10166) | Transceiver and system specifications for backhaul applications based on G.fast (G.fastback) ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027B60801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 | LJ | AR | 2022-04-01 | 2022-04-21 |  |  | AR |
| [G.9711 (2021) Amd. 1](https://www.itu.int/t/aap/recdetails/10162) | Multi-gigabit fast access to subscriber terminals (MGfast) - Physical layer specification - Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027B20801MSWE.doc&group=15)) | 2022-01-16 | 2022-02-12 | LJ | AR | 2022-04-01 | 2022-04-21 |  |  | AR |

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** |
| [F.743.13 (F.CMEGReqs)](https://www.itu.int/t/aap/recdetails/10216) | Requirements for cooperation of multiple edge gateways ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027E80801MSWE.docx&group=16)) | 2022-02-16 | 2022-03-15 | LJ | A |  |  |  |  | A |
| [F.743.14 (F.VDSSReqs)](https://www.itu.int/t/aap/recdetails/10217) | Requirements for video distribution systems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027E90801MSWE.docx&group=16)) | 2022-02-16 | 2022-03-15 | LJ | A |  |  |  |  | A |
| [F.743.15 (F.MOCN-MS)](https://www.itu.int/t/aap/recdetails/10218) | Requirements for multi-operator core network enabled multimedia services ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027EA0801MSWE.docx&group=16)) | 2022-02-16 | 2022-03-15 | LJ | A |  |  |  |  | A |
| [F.743.16 (F.IVS-CRM)](https://www.itu.int/t/aap/recdetails/10212) | Requirements for communication resource management in intelligent visual surveillance system ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027E40801MSWE.docx&group=16)) | 2022-02-16 | 2022-03-15 | LJ | A |  |  |  |  | A |
| [F.743.17 (F.CGS-RAS)](https://www.itu.int/t/aap/recdetails/10223) | Requirements for cloud gaming system ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027EF0801MSWE.docx&group=16)) | 2022-02-16 | 2022-03-15 | LJ | A |  |  |  |  | A |
| [F.746.12 (F.RIMSReqs)](https://www.itu.int/t/aap/recdetails/10220) | Requirements for a real-time interactive multimedia service under poor network conditions ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027EC0801MSWE.docx&group=16)) | 2022-02-16 | 2022-03-15 | LJ | A |  |  |  |  | A |
| [F.746.13 (F.IMCS)](https://www.itu.int/t/aap/recdetails/10227) | Requirements for smart speaker based intelligent multimedia communication system ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027F30802MSWE.docx&group=16)) | 2022-02-16 | 2022-03-15 | LJ | A |  |  |  |  | A |
| [F.748.14 (F.DH-2D)](https://www.itu.int/t/aap/recdetails/10228) | Requirements and evaluation methods of non-interactive 2D real-person digital human application systems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027F40801MSWE.docx&group=16)) | 2022-02-16 | 2022-03-15 | LJ | A |  |  |  |  | A |
| [F.748.15 (F.DH-FM)](https://www.itu.int/t/aap/recdetails/10229) | Framework and metrics for digital human application systems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027F50802MSWE.docx&group=16)) | 2022-02-16 | 2022-03-15 | LJ | A |  |  |  |  | A |
| [F.749.15 (F.CUAV-IXS)](https://www.itu.int/t/aap/recdetails/10219) | Requirements for inspection and examination services using civilian unmanned aerial vehicles ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027EB0802MSWE.docx&group=16)) | 2022-02-16 | 2022-03-15 | LJ | A |  |  |  |  | A |
| [F.751.3 (F.DLT-CHM)](https://www.itu.int/t/aap/recdetails/10221) | Requirements for change management in DLT-based decentralized applications ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027ED0801MSWE.docx&group=16)) | 2022-02-16 | 2022-03-15 | LJ | A |  |  |  |  | A |
| [F.751.4 (H.DLT-INV)](https://www.itu.int/t/aap/recdetails/10222) | General framework for DLT-based invoices ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027EE0801MSWE.docx&group=16)) | 2022-02-16 | 2022-03-15 | LJ | A |  |  |  |  | A |
| [F.780.1 (V2)](https://www.itu.int/t/aap/recdetails/10225) | Framework for telemedicine systems using ultra-high definition imaging ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027F10801MSWE.docx&group=16)) | 2022-02-16 | 2022-03-15 | LJ | A |  |  |  |  | A |
| [F.780.2 (F.ACC-TH)](https://www.itu.int/t/aap/recdetails/10224) | Accessibility of telehealth services ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027F00801MSWE.docx&group=16)) | 2022-02-16 | 2022-03-15 | LJ | A |  |  |  |  | A |
| [H.225.0 (V8)](https://www.itu.int/t/aap/recdetails/10208) | Call signalling protocols and media stream packetization for packet-based multimedia communication systems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027E00801MSWE.docx&group=16)) | 2022-02-16 | 2022-03-15 | LJ | A |  |  |  |  | A |
| [H.235.10 (H.235.DTLS)](https://www.itu.int/t/aap/recdetails/10209) | H.323 security: Support of DTLS for media streams ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027E10801MSWE.docx&group=16)) | 2022-02-16 | 2022-03-15 | LJ | A |  |  |  |  | A |
| [H.245 (V17)](https://www.itu.int/t/aap/recdetails/10210) | Control protocol for multimedia communication ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027E20801MSWE.docx&group=16)) | 2022-02-16 | 2022-03-15 | LJ | A |  |  |  |  | A |
| [H.266 (V2)](https://www.itu.int/t/aap/recdetails/10230) | Versatile video coding ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027F60801MSWE.docx&group=16)) | 2022-04-01 | 2022-04-28 |  |  |  |  |  |  | LC |
| [H.266.1 (H.VVC.1)](https://www.itu.int/t/aap/recdetails/10231) | Conformance specification for ITU-T H.266 versatile video coding ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027F70801MSWE.docx&group=16)) | 2022-04-01 | 2022-04-28 |  |  |  |  |  |  | LC |
| [H.266.2 (H.VVC.2)](https://www.itu.int/t/aap/recdetails/10235) | Reference software for ITU-T H.266 versatile video coding ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027FB0801MSWE.docx&group=16)) | 2022-04-01 | 2022-04-28 |  |  |  |  |  |  | LC |
| [H.274 (V2)](https://www.itu.int/t/aap/recdetails/10232) | Versatile supplemental enhancement information messages for coded video bitstreams ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027F80801MSWE.docx&group=16)) | 2022-04-01 | 2022-04-28 |  |  |  |  |  |  | LC |
| [H.323 (V8)](https://www.itu.int/t/aap/recdetails/10207) | Packet-based multimedia communications systems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027DF0801MSWE.docx&group=16)) | 2022-02-16 | 2022-03-15 | LJ | A |  |  |  |  | A |
| [H.626.5 (V2)](https://www.itu.int/t/aap/recdetails/10213) | Architecture for intelligent video surveillance systems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027E50801MSWE.docx&group=16)) | 2022-02-16 | 2022-03-15 | LJ | A |  |  |  |  | A |
| [H.627.2 (H.HVSProt)](https://www.itu.int/t/aap/recdetails/10211) | Requirements and protocols for home surveillance systems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027E30801MSWE.docx&group=16)) | 2022-02-16 | 2022-03-15 | LJ | A |  |  |  |  | A |
| [H.721 (V3)](https://www.itu.int/t/aap/recdetails/10214) | IPTV terminal devices: Basic model ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027E60801MSWE.docx&group=16)) | 2022-02-16 | 2022-03-15 | LJ | A |  |  |  |  | A |
| [H.870 (V2)](https://www.itu.int/t/aap/recdetails/10226) | Guidelines for safe listening devices/systems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027F20801MSWE.docx&group=16)) | 2022-02-16 | 2022-03-15 | LJ | A |  |  |  |  | A |
| [T.701.21 (H.ACC-GAD)](https://www.itu.int/t/aap/recdetails/10233) | Guidance on audio description ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027F90801MSWE.docx&group=16)) | 2022-03-01 | 2022-03-28 | A |  |  |  |  |  | A |
| [T.701.25 (H.ACC-GAP)](https://www.itu.int/t/aap/recdetails/10234) | Guidance on the audio presentation of text in videos, including captions, subtitles and other on-screen text ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027FA0801MSWE.docx&group=16)) | 2022-03-01 | 2022-03-28 | A |  |  |  |  |  | A |

Annex 2

(to TSB AAP-2)

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-2)

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.*