



Geneva, 1 April 2022

Ref: **TSB AAP-2** – To Administrations of Member States of the Union;  
AAP/CL – To ITU-T Sector Members;  
– To ITU-T Associates;  
Tel: +41 22 730 5860 – To ITU Academia  
Fax: +41 22 730 5853  
E-mail: [tsbdir@itu.int](mailto:tsbdir@itu.int) **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> (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**

Place des Nations  
CH-1211 Geneva 20  
Switzerland

Telephone +41 22 730 51 11  
Telefax Gr3: +41 22 733 72 56  
Gr4: +41 22 730 65 00

Telex 421 000 uit ch  
E-mail: [itumail@itu.int](mailto:itumail@itu.int)  
Telegram ITU GENEVE

Web page:  
[www.itu.int](http://www.itu.int)

(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>

**Alternative approval process (AAP) welcome page:**

<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	<a href="https://www.itu.int/ITU-T/studygroups/com02">https://www.itu.int/ITU-T/studygroups/com02</a>	<a href="mailto:tsbsg2@itu.int">tsbsg2@itu.int</a>
SG 3	<a href="https://www.itu.int/ITU-T/studygroups/com03">https://www.itu.int/ITU-T/studygroups/com03</a>	<a href="mailto:tsbsg3@itu.int">tsbsg3@itu.int</a>
SG 5	<a href="https://www.itu.int/ITU-T/studygroups/com05">https://www.itu.int/ITU-T/studygroups/com05</a>	<a href="mailto:tsbsg5@itu.int">tsbsg5@itu.int</a>
SG 9	<a href="https://www.itu.int/ITU-T/studygroups/com09">https://www.itu.int/ITU-T/studygroups/com09</a>	<a href="mailto:tsbsg9@itu.int">tsbsg9@itu.int</a>
SG 11	<a href="https://www.itu.int/ITU-T/studygroups/com11">https://www.itu.int/ITU-T/studygroups/com11</a>	<a href="mailto:tsbsg11@itu.int">tsbsg11@itu.int</a>
SG 12	<a href="https://www.itu.int/ITU-T/studygroups/com12">https://www.itu.int/ITU-T/studygroups/com12</a>	<a href="mailto:tsbsg12@itu.int">tsbsg12@itu.int</a>
SG 13	<a href="https://www.itu.int/ITU-T/studygroups/com13">https://www.itu.int/ITU-T/studygroups/com13</a>	<a href="mailto:tsbsg13@itu.int">tsbsg13@itu.int</a>
SG 15	<a href="https://www.itu.int/ITU-T/studygroups/com15">https://www.itu.int/ITU-T/studygroups/com15</a>	<a href="mailto:tsbsg15@itu.int">tsbsg15@itu.int</a>
SG 16	<a href="https://www.itu.int/ITU-T/studygroups/com16">https://www.itu.int/ITU-T/studygroups/com16</a>	<a href="mailto:tsbsg16@itu.int">tsbsg16@itu.int</a>
SG 17	<a href="https://www.itu.int/ITU-T/studygroups/com17">https://www.itu.int/ITU-T/studygroups/com17</a>	<a href="mailto:tsbsg17@itu.int">tsbsg17@itu.int</a>
SG 20	<a href="https://www.itu.int/ITU-T/studygroups/com20">https://www.itu.int/ITU-T/studygroups/com20</a>	<a href="mailto:tsbsg20@itu.int">tsbsg20@itu.int</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	
<a href="#">G.994.1 (2021) Amd. 1</a>	Handshake procedures for digital subscriber line transceivers - Amendment 1 ( <a href="#">Summary</a> )	2022-01-16	2022-02-12	LJ	AR	2022-04-01	2022-04-21			AR
<a href="#">G.997.3 (2021) Amd. 1</a>	Physical layer management for MGfast transceivers - Amendment 1 ( <a href="#">Summary</a> )	2022-01-16	2022-02-12	LJ	AR	2022-04-01	2022-04-21			AR
<a href="#">G.8021/Y.1341</a>	Characteristics of Ethernet transport network equipment functional blocks ( <a href="#">Summary</a> )	2022-01-16	2022-02-12	LJ	AR	2022-04-01	2022-04-21			AR
<a href="#">G.9702 (G.fastback)</a>	Transceiver and system specifications for backhaul applications based on G.fast (G.fastback) ( <a href="#">Summary</a> )	2022-01-16	2022-02-12	LJ	AR	2022-04-01	2022-04-21			AR
<a href="#">G.9711 (2021) Amd. 1</a>	Multi-gigabit fast access to subscriber terminals (MGfast) - Physical layer specification - Amendment 1 ( <a href="#">Summary</a> )	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	
<a href="#">F.743.13 (F.CMEGReqs)</a>	Requirements for cooperation of multiple edge gateways ( <a href="#">Summary</a> )	2022-02-16	2022-03-15	LJ	A					A
<a href="#">F.743.14 (F.VDSSReqs)</a>	Requirements for video distribution systems ( <a href="#">Summary</a> )	2022-02-16	2022-03-15	LJ	A					A
<a href="#">F.743.15 (F.MOCN-MS)</a>	Requirements for multi-operator core network enabled multimedia services ( <a href="#">Summary</a> )	2022-02-16	2022-03-15	LJ	A					A
<a href="#">F.743.16 (F.IVS-CRM)</a>	Requirements for communication resource management in intelligent visual surveillance system ( <a href="#">Summary</a> )	2022-02-16	2022-03-15	LJ	A					A
<a href="#">F.743.17 (F.CGS-RAS)</a>	Requirements for cloud gaming system ( <a href="#">Summary</a> )	2022-02-16	2022-03-15	LJ	A					A
<a href="#">F.746.12 (F.RIMSReqs)</a>	Requirements for a real-time interactive multimedia service under poor network conditions ( <a href="#">Summary</a> )	2022-02-16	2022-03-15	LJ	A					A
<a href="#">F.746.13 (F.IMCS)</a>	Requirements for smart speaker based intelligent multimedia communication system ( <a href="#">Summary</a> )	2022-02-16	2022-03-15	LJ	A					A
<a href="#">F.748.14 (F.DH-2D)</a>	Requirements and evaluation methods of non-interactive 2D real-person digital human application systems ( <a href="#">Summary</a> )	2022-02-16	2022-03-15	LJ	A					A
<a href="#">F.748.15 (F.DH-FM)</a>	Framework and metrics for digital human application systems ( <a href="#">Summary</a> )	2022-02-16	2022-03-15	LJ	A					A

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	
<a href="#">F.749.15 (F.CUAV-IXS)</a>	Requirements for inspection and examination services using civilian unmanned aerial vehicles ( <a href="#">Summary</a> )	2022-02-16	2022-03-15	LJ	A					A
<a href="#">F.751.3 (F.DLT-CHM)</a>	Requirements for change management in DLT-based decentralized applications ( <a href="#">Summary</a> )	2022-02-16	2022-03-15	LJ	A					A
<a href="#">F.751.4 (H.DLT-INV)</a>	General framework for DLT-based invoices ( <a href="#">Summary</a> )	2022-02-16	2022-03-15	LJ	A					A
<a href="#">F.780.1 (V2)</a>	Framework for telemedicine systems using ultra-high definition imaging ( <a href="#">Summary</a> )	2022-02-16	2022-03-15	LJ	A					A
<a href="#">F.780.2 (F.ACC-TH)</a>	Accessibility of telehealth services ( <a href="#">Summary</a> )	2022-02-16	2022-03-15	LJ	A					A
<a href="#">H.225.0 (V8)</a>	Call signalling protocols and media stream packetization for packet-based multimedia communication systems ( <a href="#">Summary</a> )	2022-02-16	2022-03-15	LJ	A					A
<a href="#">H.235.10 (H.235.DTLS)</a>	H.323 security: Support of DTLS for media streams ( <a href="#">Summary</a> )	2022-02-16	2022-03-15	LJ	A					A
<a href="#">H.245 (V17)</a>	Control protocol for multimedia communication ( <a href="#">Summary</a> )	2022-02-16	2022-03-15	LJ	A					A
<a href="#">H.266 (V2)</a>	Versatile video coding ( <a href="#">Summary</a> )	2022-04-01	2022-04-28							LC
<a href="#">H.266.1 (H.VVC.1)</a>	Conformance specification for ITU-T H.266 versatile video coding ( <a href="#">Summary</a> )	2022-04-01	2022-04-28							LC
<a href="#">H.266.2 (H.VVC.2)</a>	Reference software for ITU-T H.266 versatile video coding ( <a href="#">Summary</a> )	2022-04-01	2022-04-28							LC

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	
<a href="#">H.274 (V2)</a>	Versatile supplemental enhancement information messages for coded video bitstreams ( <a href="#">Summary</a> )	2022-04-01	2022-04-28							LC
<a href="#">H.323 (V8)</a>	Packet-based multimedia communications systems ( <a href="#">Summary</a> )	2022-02-16	2022-03-15	LJ	A					A
<a href="#">H.626.5 (V2)</a>	Architecture for intelligent video surveillance systems ( <a href="#">Summary</a> )	2022-02-16	2022-03-15	LJ	A					A
<a href="#">H.627.2 (H.HVSProt)</a>	Requirements and protocols for home surveillance systems ( <a href="#">Summary</a> )	2022-02-16	2022-03-15	LJ	A					A
<a href="#">H.721 (V3)</a>	IPTV terminal devices: Basic model ( <a href="#">Summary</a> )	2022-02-16	2022-03-15	LJ	A					A
<a href="#">H.870 (V2)</a>	Guidelines for safe listening devices/systems ( <a href="#">Summary</a> )	2022-02-16	2022-03-15	LJ	A					A
<a href="#">T.701.21 (H.ACC-GAD)</a>	Guidance on audio description ( <a href="#">Summary</a> )	2022-03-01	2022-03-28	A						A
<a href="#">T.701.25 (H.ACC-GAP)</a>	Guidance on the audio presentation of text in videos, including captions, subtitles and other on-screen text ( <a href="#">Summary</a> )	2022-03-01	2022-03-28	A						A

Annex 2

(to TSB AAP-2)

Using the on-line comment submission form

Comment submission

- Go to AAP search Web page at <https://www.itu.int/ITU-T/aap/>

- Select your Recommendation

Recommendation_No	Title	Study_Group	State	Consent_Date	Approval_Date	Study_Period	Comment
<a href="#">G.711.1 (2008) Amd.1</a>	Wideband embedded extension for G.711 pulse code modulation: New Annex A on a reference floating-point implementation for G.711.1 and editorial corrections to the main body text	16	LC	2008-10-03		2005-2008	
<a href="#">G.718 (2008) Cor.1</a>	Frame error robust narrowband and wideband embedded variable bit-rate coding of speech and audio from 8-32 kbit/s: Corrections to fixed-point C-code	16	LC	2008-10-03		2005-2008	
<a href="#">G.719 (2008) Amd.1</a>	New Annex A on storage format definitions for G.719, and new Annex B on a reference floating-point implementation for G.719	16	LC	2008-10-03		2005-2008	
<a href="#">G.722.2 (2003) Cor.3</a>	Wideband coding of speech at around 16 kbit/s using Adaptive Multi-Rate Wideband (AMR-WB): Corrections to text and C source code in Annex C	16	LC	2008-10-03		2005-2008	
<a href="#">G.729.1 (2006) Amd.5</a>	G.729-based embedded variable bit-rate coder: An 8-32 kbit/s scalable wideband coder bitstream interoperable with G.729: New Annex D (Reference floating-point implementation for G.729.1 Annex C DTX/CNG) and corrections to the main body and Annex B	16	LC	2008-10-03		2005-2008	
<a href="#">H.264 (2007) Cor.1</a>	Advanced video coding for generic audiovisual services: corrections and updates	16	LJ	2008-05-02		2005-2008	★

Total 6 records match.

3) Click the "Submit Comment" button

**AAP Recommendation: G.711.1 (2008) Amd.1**

Work Programme: G.711.1 (2008) Amd.1

Title	Study Group	Current Status	Consent Date	Approval Date	Study Period	Provisional Name	IPR	Input used for Consent
Wideband embedded extension for G.711 pulse code modulation: New Annex A on a reference floating-point implementation for G.711.1 and editorial corrections to the main body text	16	LC	2008-10-03		2005-2008	G.711-WB-Float	?	TD 381-WP3

**Observation**

**AAP Process Details**

Last Call (LC)				Additional Review (AR)				Study Group (SG)	
LC Start	LC End	LC Result	LJ Result	AR Start	AR End	AR Result	AJ Result	SG Date	SG Result
2008-10-16	2008-11-12								
[AAP-92]									
LC - Text / Summary				AR - Text / Summary				SG Documents	
<a href="#">LC Text</a> <a href="#">LC Summary</a>									
LC - Comments				AR - Comments				SG Decisions	

Submit Comment

4) Complete the on-line form and click on "Submit"

Study group\*: SG16

Announcement number\*: AAP 92

Recommendation number\*: G.711.1 (2008) Amd.1

Recommendation under\*:  Last Call (LC)  Additional Review (AR)

Country: Adelie Land

Administration or Company\*: [Dropdown]

Email of contact (for AAP): [Dropdown]

Email of Administration or Company: [Text]

Technical contact email: [Text]

Sender name\*: [Text]

Sender email address\*: [Text]

Telephone: [Text]

**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.

**Observation:**

Comments or revised text should be sent as an attachment in reprocessable format such as RTF or Winword. Revision marks must be shown relative to the text posted by TSB.

Attach the file: [Text]

Note: Maximum file size is 10 Mb

No attachment Comments are given in the Observation field, no attachment needed

Please check your entries and click on **Submit to confirm**  **Submit**

If the submission is successful, you will get an acknowledgement report and receive an email containing this report.

For more information, read the AAP tutorial on:  
<https://www.itu.int/ITU-T/aapinfo/files/AAPTutorial.pdf>



(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:**  We do not support this text. Reasons are given in the attachment.  
(Choose as applicable)  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*  
[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.