



# UNIÓN INTERNACIONAL DE TELECOMUNICACIONES

*Oficina de Normalización de las Telecomunicaciones*

Ginebra, 01 de septiembre de 2019

Ref: **TSB AAP-65** – A las Administraciones de los Estados Miembros de la Unión;  
AAP/CL – A los Miembros del Sector UIT-T;  
– A los Asociados del UIT-T;  
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Correo-e: [tsbdir@itu.int](mailto:tsbdir@itu.int) **Copia:**  
– A los Presidentes y a los Vicepresidentes de las Comisiones de Estudio del  
UIT-T;  
– Al Director de la Oficina de Desarrollo de las Telecomunicaciones;  
– Al Director de la Oficina de Radiocomunicaciones

Asunto: **Situación de las Recomendaciones sometidas al proceso de aprobación alternativo (AAP)**

Muy señora mía/Muy señor mío:

El proceso de aprobación alternativo (AAP) definido en la Recomendación A.8 del UIT-T se aplica a las Recomendaciones que no tienen consecuencias en materia de política o reglamentación y que no requieren, por lo tanto, la consulta formal de los Estados Miembros (véase el número 246B del Convenio de la UIT).

En el **anexo 1** se enumera la lista de los textos cuyo estado ha cambiado con respecto a los anuncios TSB AAP precedentes.

Si desea formular un comentario en relación con una Recomendación sometida al AAP, le alentamos a utilizar el formulario de presentación de comentarios disponible en la página de la Recomendación que figura en el área AAP del sitio web del UIT-T, en la dirección <https://www.itu.int/ITU-T/aap/> (véase también el **anexo 2**). Alternativamente, pueden presentarse comentarios completando el formulario del **anexo 3** y remitiéndolo a la secretaría de la Comisión de Estudio correspondiente.

Le rogamos tenga en cuenta que no se alientan comentarios que se limiten a apoyar la adopción del texto en cuestión.

Le saluda atentamente,

Chaesub Lee  
Director de la Oficina de  
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**Anexos: 3**

Annex 1

(to TSB AAP-65)

**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 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	
<a href="#">Y.2775 (Y.DpiArchFn)</a>	Functional architecture of deep packet inspection for future networks ( <a href="#">Summary</a> )	2019-07-16	2019-08-12	LJ	AT					AT
<a href="#">Y.3800 (Y.QKDN FR)</a>	Framework for Networks supporting Quantum Key Distribution ( <a href="#">Summary</a> )	2019-07-16	2019-08-12	LJ	AR	2019-09-01	2019-09-21			AR

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.671</a>	Transmission characteristics of optical components and subsystems ( <a href="#">Summary</a> )	2019-08-01	2019-08-28	A						A
<a href="#">G.709/Y.1331 (2016) Cor.2</a>	Interfaces for the optical transport network: Corrigendum 2 ( <a href="#">Summary</a> )	2019-08-01	2019-08-28	LJ						LJ
<a href="#">G.798 (2017) Amd.2</a>	Characteristics of optical transport network hierarchy equipment functional blocks - Amendment 2 ( <a href="#">Summary</a> )	2019-08-01	2019-08-28	LJ						LJ
<a href="#">G.807 (G.media)</a>	Generic functional architecture of the optical media network ( <a href="#">Summary</a> )	2019-08-01	2019-08-28	LJ						LJ
<a href="#">G.808.2</a>	Generic protection switching - ring protection ( <a href="#">Summary</a> )	2019-08-01	2019-08-28	A						A
<a href="#">G.872</a>	Architecture of the Optical Transport network (OTN) ( <a href="#">Summary</a> )	2019-08-01	2019-08-28	LJ						LJ
<a href="#">G.984.2</a>	Gigabit-capable Passive Optical Networks (GPON): Physical Media Dependent (PMD) layer specification ( <a href="#">Summary</a> )	2019-08-01	2019-08-28	A						A
<a href="#">G.988 (2017) Amd.2</a>	ONU management and control interface (OMCI) specification: Amendment 2 ( <a href="#">Summary</a> )	2019-08-01	2019-08-28	A						A
<a href="#">G.989.2 (2019) Cor.1</a>	40-Gigabit-capable passive optical networks (NG PON2): Physical media dependent (PMD) layer specification: Corrigendum 1 ( <a href="#">Summary</a> )	2019-08-01	2019-08-28	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="#">G.998.4 (2018) Cor.1</a>	Improved impulse noise protection for digital subscriber line (DSL) transceivers - Corrigendum 1 ( <a href="#">Summary</a> )	2019-08-01	2019-08-28	A						A
<a href="#">G.7041/Y.1303 (2016) Amd.1</a>	Generic framing procedure - Amendment 1 ( <a href="#">Summary</a> )	2019-08-01	2019-08-28	A						A
<a href="#">G.7710/Y.1701</a>	Common equipment management function requirements ( <a href="#">Summary</a> )	2019-08-01	2019-08-28	A						A
<a href="#">G.7712/Y.1703</a>	Architecture and specification of data communication network ( <a href="#">Summary</a> )	2019-08-01	2019-08-28	A						A
<a href="#">G.8013/Y.1731 (2015) Cor.2</a>	Operation, administration and maintenance (OAM) functions and mechanisms for Ethernet-based networks - Corrigendum 2 ( <a href="#">Summary</a> )	2019-08-01	2019-08-28	A						A
<a href="#">G.8021/Y.1341 (2018) Cor.1</a>	Characteristics of Ethernet transport network equipment functional blocks - Corrigendum 1 ( <a href="#">Summary</a> )	2019-08-01	2019-08-28	A						A
<a href="#">G.8132/Y.1383 (2017) Cor.1</a>	MPLS-TP shared ring protection - Corrigendum 1 ( <a href="#">Summary</a> )	2019-08-01	2019-08-28	A						A
<a href="#">G.8133 (G.mtdh)</a>	Dual-Homing Protection for MPLS-TP Pseudowires ( <a href="#">Summary</a> )	2019-08-01	2019-08-28	A						A
<a href="#">G.8261/Y.1361</a>	Timing and synchronization aspects in packet networks ( <a href="#">Summary</a> )	2019-08-01	2019-08-28	A						A
<a href="#">G.8262.1/Y.1362.1 (2019) Amd.1</a>	Timing characteristics of enhanced synchronous equipment slave clock: Amendment 1 ( <a href="#">Summary</a> )	2019-08-01	2019-08-28	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="#">G.8265.1/Y.1365.1 (2014) Amd.1</a>	Precision time protocol telecom profile for frequency synchronization - Amendment 1 ( <a href="#">Summary</a> )	2019-08-01	2019-08-28	A						A
<a href="#">G.8271.1/Y.1366.1 (2017) Amd.2</a>	Network limits for time synchronization in Packet networks - Amendment 2 ( <a href="#">Summary</a> )	2019-08-01	2019-08-28	A						A
<a href="#">G.8272.1/Y.1367.1 (2016) Amd.2</a>	Timing characteristics of enhanced primary reference time clocks - Amendment 2 ( <a href="#">Summary</a> )	2019-08-01	2019-08-28	A						A
<a href="#">G.8273.2/Y.1368.2</a>	Timing characteristics of telecom boundary clocks and telecom time slave clocks ( <a href="#">Summary</a> )	2019-08-01	2019-08-28	AT						AT
<a href="#">G.8275.1/Y.1369.1 (2016) Amd.3</a>	Precision time protocol telecom profile for phase/time synchronization with full timing support from the network - Amendment 3 ( <a href="#">Summary</a> )	2019-08-01	2019-08-28	A						A
<a href="#">G.8275.2/Y.1369.2 (2016) Amd.3</a>	Precision time protocol telecom profile for phase/time synchronization with partial timing support from the network ( <a href="#">Summary</a> )	2019-08-01	2019-08-28	A						A
<a href="#">G.8275/Y.1369 (2017) Amd.2</a>	Architecture and requirements for packet-based time and phase distribution - Amendment 2 ( <a href="#">Summary</a> )	2019-08-01	2019-08-28	A						A
<a href="#">G.9701 (2019) Amd.1</a>	Fast access to subscriber terminals (G.fast) - Physical layer specification - Amendment 1 ( <a href="#">Summary</a> )	2019-08-01	2019-08-28	LJ						LJ

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.9701 (2019) Cor.1</a>	Fast access to subscriber terminals (G.fast) - Physical layer specification - Corrigendum 1 ( <a href="#">Summary</a> )	2019-08-01	2019-08-28	LJ						LJ
<a href="#">G.9803 (2018) Amd.1</a>	Radio over fibre systems - Amendment 1 ( <a href="#">Summary</a> )	2019-08-01	2019-08-28	A						A
<a href="#">G.9804.1 (G.hsp.req)</a>	Higher Speed Passive Optical Networks: Requirements ( <a href="#">Summary</a> )	2019-08-01	2019-08-28	LJ						LJ
<a href="#">G.9960 (2018) Amd.1</a>	Unified high-speed wire-line based home networking transceivers - System architecture and physical layer specification: Amendment 1 ( <a href="#">Summary</a> )	2019-09-01	2019-09-28							LC
<a href="#">G.9960 (2018) Cor.1</a>	Unified high-speed wire-line based home networking transceivers - System architecture and physical layer specification: Corrigendum 1 ( <a href="#">Summary</a> )	2019-09-01	2019-09-28							LC
<a href="#">G.9961 (2018) Amd.1</a>	Unified high-speed wireline-based home networking transceivers - Data link layer specification: Amendment 1 ( <a href="#">Summary</a> )	2019-09-01	2019-09-28							LC
<a href="#">G.9961 (2018) Cor.1</a>	Unified high-speed wireline-based home networking transceivers - Data link layer specification: Corrigendum 1 ( <a href="#">Summary</a> )	2019-09-01	2019-09-28							LC
<a href="#">L.208 (L.fdb)</a>	Requirements for passive optical nodes: Fibre Distribution Box ( <a href="#">Summary</a> )	2019-08-01	2019-08-28	A						A



Annex 2

(to TSB AAP-65)

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

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	
G.718 (2008) Cor.1	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	
G.719 (2008) Amd.1	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	
G.722.2 (2003) Cor.3	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	
G.729.1 (2006) Amd.5	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	
H.264 (2007) Cor.1	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

The screenshot shows the ITU AAP interface for Recommendation G.711.1 (2008) Amd.1. The 'Basic Information' table is as follows:

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

The 'AAP Process Details' table is also visible:

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								

At the bottom, the 'Submit Comment' button is highlighted with a red arrow.

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

The form contains the following fields and options:

- 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:** [Text area]

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**  **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-65)

**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.