



Geneva, 1 April 2020

Ref: **TSB AAP-78** – 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  
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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**

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

**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 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	
<a href="#">Q.3057 (Q.SR-Trust)</a>	Signalling requirements and architecture for interconnection between trustable network entities ( <a href="#">Summary</a> )	2020-04-01	2020-04-28							LC
<a href="#">Q.3745 (Q.QMP-TCA)</a>	Protocol for time constraint IoT-based applications over SDN ( <a href="#">Summary</a> )	2020-04-01	2020-04-28							LC
<a href="#">Q.3963 (Q.SDN-OFT)</a>	The compatibility testing of SDN-based equipment using OpenFlow protocol ( <a href="#">Summary</a> )	2020-04-01	2020-04-28							LC
<a href="#">Q.5022 (Q.SP-EEC)</a>	Signalling procedure of energy efficient device-to-device communication for IMT-2020 network ( <a href="#">Summary</a> )	2020-04-01	2020-04-28							LC
<a href="#">X.609.5 (X.609.5)</a>	Managed P2P communications: Overlay management protocol ( <a href="#">Summary</a> )	2020-04-01	2020-04-28							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	
<a href="#">Y.2029 (2015) Amd.1 (Y.NE-MPT)</a>	A multi-path transmission control in multi-connection: Amendment 1 - Network Equipment based Multipath Transmission ( <a href="#">Summary</a> )	2020-04-01	2020-04-28							LC
<a href="#">Y.3154 (Y.NetSoft-SSMO)</a>	Resource pooling for scalable network slice service management and orchestration in the IMT-2020 network ( <a href="#">Summary</a> )	2020-04-01	2020-04-28							LC
<a href="#">Y.3175 (Y.qos-ml-arc)</a>	Functional architecture of machine learning based quality of service assurance for the IMT-2020 network ( <a href="#">Summary</a> )	2020-04-01	2020-04-28							LC
<a href="#">Y.3652 (Y.bDDN-req)</a>	Big data driven networking – requirements ( <a href="#">Summary</a> )	2020-04-01	2020-04-28							LC
<a href="#">Y.3800 (2019) Corr.1 (Y.3800 (2019) Corr.1)</a>	Overview on networks supporting quantum key distribution - Corrigendum 1 ( <a href="#">Summary</a> )	2020-04-01	2020-04-28							LC
<a href="#">Y.3801 (Y.QKDN-req)</a>	Functional requirements for quantum key distribution networks ( <a href="#">Summary</a> )	2020-04-01	2020-04-28							LC

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.654</a>	Characteristics of a cut-off shifted single-mode optical fibre and cable ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	A						A
<a href="#">G.709.1 Cor.1</a>	Flexible OTN short-reach interface - Corrigendum 1 ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	LJ						LJ
<a href="#">G.709.4 (ex-G.709.25-50)</a>	OTU 25 and OTU 50G short reach interfaces ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	AT						AT
<a href="#">G.709/Y.1331</a>	Interfaces for the optical transport network (OTN) ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	LJ						LJ
<a href="#">G.873.1 Cor.1</a>	Optical transport network: Linear protection - Corrigendum 1 ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	A						A
<a href="#">G.984.3 (2014) Amd.1</a>	Gigabit-capable passive optical networks (G-PON): Transmission convergence layer specification ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	A						A
<a href="#">G.987.1 (2016) Cor.1</a>	10-Gigabit-capable passive optical networks (XG-PON): General requirements: Corrigendum 1 ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	A						A
<a href="#">G.987.3 (2014) Amd.1</a>	10-Gigabit-capable passive optical networks (XG-PON): Transmission convergence (TC) layer specification - Amendment 1 ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	A						A
<a href="#">G.988 (2017) Amd.3</a>	ONU management and control interface (OMCI) specification: Amendment 3 ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	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.989.3 (2015) Amd.3</a>	40-Gigabit-capable passive optical networks (NG-PON2): Transmission convergence layer specification - Amendment 3 ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	AT						AT
<a href="#">G.993.5 (2019) Cor.1</a>	Self-FEXT cancellation (vectoring) for use with VDSL2 transceivers: Corrigendum 1 ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	AT						AT
<a href="#">G.994.1 Amd.1</a>	Handshake procedures for digital subscriber line transceivers - Amendment 1 ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	AT						AT
<a href="#">G.997.2 (2019) Cor.1</a>	Physical layer management for G.fast transceivers - Corrigendum 1 ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	A						A
<a href="#">G.997.2 Amd.1</a>	Physical layer management for G.fast transceivers - Amendment 1 ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	LJ						LJ
<a href="#">G.8032/Y.1344</a>	Ethernet ring protection switching ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	AT						AT
<a href="#">G.8260</a>	Definitions and terminology for synchronization in packet networks ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	A						A
<a href="#">G.8261/Y.1361 (2019) Amd.1</a>	Timing and synchronization aspects in packet networks - Amendment 1 ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	A						A
<a href="#">G.8262 (2018) Amd.1</a>	Timing characteristics of synchronous equipment slave clock - Amendment 1 ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	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.8271</a>	Time and phase synchronization aspects of telecommunication networks ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	AT						AT
<a href="#">G.8271.1/Y.1366.1</a>	Network limits for time synchronization in packet networks with full timing support from the network ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	AT						AT
<a href="#">G.8272 (2018) Amd.1</a>	Timing characteristics of primary reference time clocks - Amendment 1 ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	A						A
<a href="#">G.8273 (2018) Amd.1</a>	Framework of phase and time clocks - Amendment 1 ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	A						A
<a href="#">G.8273.2/Y.1368.2 Amd.1</a>	Timing characteristics of telecom boundary clocks and telecom time slave clocks for use with full timing support from the network - Amendment 1 ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	A						A
<a href="#">G.8273.4/Y.1368.4</a>	Timing characteristics of telecom boundary clocks and telecom time slave clocks for use with partial timing support from the network ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	AT						AT
<a href="#">G.8275.1/Y.1369.1</a>	Precision time protocol telecom profile for phase/time synchronization with full timing support from the network ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	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.8275.2/Y.1369.2</a>	Precision time protocol telecom profile for phase/time synchronization with partial timing support from the network ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	A						A
<a href="#">G.8300 (G.ctn5g)</a>	Characteristics of transport networks to support IMT-2020/5G ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	LJ						LJ
<a href="#">G.9701 (2019) Amd.2</a>	Fast access to subscriber terminals (G.fast) - Physical layer specification: Amendment 2 ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	LJ						LJ
<a href="#">G.9701 (2019) Cor.2</a>	Fast access to subscriber terminals (G.fast) - Physical layer specification: Corrigendum 2 ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	LJ						LJ
<a href="#">G.9806</a>	Higher speed bidirectional, single fibre, point-to-point optical access system (HS-PtP) ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	LJ						LJ
<a href="#">G.9807.1 (2016) Cor.1</a>	10-Gigabit-capable symmetric passive optical network (XGS-PON): Corrigendum 1 ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	A						A
<a href="#">G.9960 (2018) Amd.2</a>	Unified high-speed wire-line based home networking transceivers - System architecture and physical layer specification ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	LJ						LJ
<a href="#">G.9961 (2018) Amd.2</a>	Unified high-speed wireline-based home networking transceivers - Data link layer specification - Amendment 2 ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	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.9961 (2018) Cor.2</a>	Unified high-speed wireline-based home networking transceivers - Data link layer specification - Corrigendum 2 ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	A						A
<a href="#">G.9962 (2018) Cor.1</a>	Unified high-speed wire-line based home networking transceivers - Management specification. Corrigendum 1 ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	A						A
<a href="#">G.9962 Amd.1</a>	Unified high-speed wire-line based home networking transceivers - Management specification - Amendment 1 ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	LJ						LJ
<a href="#">G.9991 (2019) Amd.1</a>	High-speed indoor visible light communication transceiver - System architecture, physical layer and data link layer specification (Amendment 1) ( <a href="#">Summary</a> )	2020-02-16	2020-03-14	LJ						LJ



Annex 2

(to TSB AAP-78)

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

**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\*:**   
**Email of contact (for AAP):**   
**Email of Administration or Company:**   
**Technical contact email:**   
**Sender name\*:**   
**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.

**Observation:**

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

**Attach the file:**    
 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-78)

**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.*