



# МЕЖДУНАРОДНЫЙ СОЮЗ ЭЛЕКТРОСВЯЗИ

*Бюро стандартизации электросвязи*

Женева, 16 февраля 2020

Осн.: **TSB AAP-75** – Администрациям Государств – Членов Союза;  
AAP/CL – Членам Сектора МСЭ-Т;  
– Ассоциированным членам МСЭ-Т;  
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Факс: +41 22 730 5853 **Копии:**  
Эл. почта: [tsbdir@itu.int](mailto:tsbdir@itu.int) – Председателям и заместителям председателей Исследовательских комиссий МСЭ-Т;  
– Директору Бюро Развития Электросвязи;  
– Директору Бюро Радиосвязи

**Предмет: Положение относительно Рекомендаций, рассматриваемых в соответствии с альтернативным процессом утверждения (АПУ)**

Уважаемая госпожа,  
уважаемый господин,

Альтернативный процесс утверждения (АПУ), определенный в Рекомендации МСЭ-Т А.8, распространяется на Рекомендации, которые не имеют политических или регламентарных последствий и которые поэтому не требуют официальных консультаций с Государствами-Членами (см. п. 246В Конвенции МСЭ).

В **Приложении 1** содержится перечень текстов, статус которых изменился по сравнению с предыдущими объявлениями об АПУ БСЭ.

Если вы желаете представить замечания относительно какой-либо Рекомендации, рассматриваемой в соответствии с АПУ, рекомендуем Вам использовать онлайн-форму для представления замечаний по АПУ, которая размещена на странице этой Рекомендации в разделе веб-сайта МСЭ-Т, посвященном АПУ, по адресу: <http://www.itu.int/ITU-T/aap/> (см. **Приложение 2**). Замечания можно представить иным способом, заполнив приведенную в **Приложении 3** форму и направив ее в секретариат заинтересованной исследовательской комиссии.

Просим принять к сведению, что не рекомендуется представлять замечания, являющиеся не чем иным, как поддержкой рассматриваемого текста.

С уважением,

Чхе Суб Ли  
Директор Бюро стандартизации электросвязи

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

Annex 1

(to TSB AAP-75)

**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 2 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="#">M.3041 (M.somm)</a>	Framework of smart operation, management and maintenance ( <a href="#">Summary</a> )	2020-01-16	2020-02-12	A						A
<a href="#">M.3363 (M.rdm)</a>	Requirements for Data Management in the TMN ( <a href="#">Summary</a> )	2020-01-16	2020-02-12	A						A
<a href="#">M.3364 (M.rtsmf)</a>	Requirements for on-site telecommunication smart maintenance management function ( <a href="#">Summary</a> )	2020-01-16	2020-02-12	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	
<a href="#">Y.1540 Amd.1</a>	Internet protocol data communication service - IP packet transfer and availability performance parameters - Amendment 1 ( <a href="#">Summary</a> )	2019-12-16	2020-01-12	AR		2020-01-16	2020-02-05	AC		AC

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.3173 (Y.ML-IMT2020-Intelligence)</a>	Framework for evaluating intelligence levels of future networks including IMT-2020 ( <a href="#">Summary</a> )	2019-11-16	2019-12-13	AR		2020-01-16	2020-02-05	AC		AC
<a href="#">Y.3174 (Y.ML-IMT2020-Data-Handling)</a>	Framework for data handling to enable machine learning in future networks including IMT-2020 ( <a href="#">Summary</a> )	2019-11-16	2019-12-13	AR		2020-01-16	2020-02-05	AC		AC
<a href="#">Y.3604 (Y.BDDP-reqts)</a>	Big data - Overview and requirements for data preservation ( <a href="#">Summary</a> )	2019-11-16	2019-12-13	AR		2020-01-16	2020-02-05	AC		AC

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							LC
<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							LC
<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							LC
<a href="#">G.709/Y.1331</a>	Interfaces for the optical transport network (OTN) ( <a href="#">Summary</a> )	2020-02-16	2020-03-14							LC
<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	AR	2019-12-01	2019-12-21	SG		AC
<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							LC
<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							LC
<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							LC
<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							LC
<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							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="#">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							LC
<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							LC
<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							LC
<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							LC
<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							LC
<a href="#">G.8032/Y.1344</a>	Ethernet ring protection switching ( <a href="#">Summary</a> )	2020-02-16	2020-03-14							LC
<a href="#">G.8260</a>	Definitions and terminology for synchronization in packet networks ( <a href="#">Summary</a> )	2020-02-16	2020-03-14							LC
<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							LC
<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							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="#">G.8271</a>	Time and phase synchronization aspects of telecommunication networks ( <a href="#">Summary</a> )	2020-02-16	2020-03-14							LC
<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							LC
<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							LC
<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							LC
<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							LC
<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							LC
<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							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="#">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							LC
<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							LC
<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							LC
<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							LC
<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							LC
<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							LC
<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	LJ	SG					AC
<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							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="#">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	LJ	SG					AC
<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							LC
<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							LC
<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							LC
<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							LC
<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							LC

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	
<a href="#">X.677 (X.uav-oid)</a>	Identification mechanism for unmanned aerial vehicles using object identifiers <a href="#">(Summary)</a>	2019-12-01	2020-01-11	LJ	AR	2020-02-16	2020-03-07			AR



Annex 2

(to TSB AAP-75)

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	
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 as follows:

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	

A red arrow points to the 'Submit Comment' button at the bottom of the page.

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**

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-75)

**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.*