



МЕЖДУНАРОДНЫЙ СОЮЗ ЭЛЕКТРОСВЯЗИ

Бюро стандартизации электросвязи

Женева, 1 декабря 2018

Осн.: **TSB AAP-48** – Администрациям Государств – Членов Союза;
AAP/CL – Членам Сектора МСЭ-Т;
– Ассоциированным членам МСЭ-Т

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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.

1 января 2019 года никаких объявлений о применении АПУ не будет сделано, поскольку МСЭ будет закрыт. В связи с этим крайний срок для представления замечаний по ряду текстов в рамках АПУ был продлен.

С уважением,

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Приложения: 3

Annex 1

(to TSB AAP-48)

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:

<http://www.itu.int/ITU-T>

Alternative approval process (AAP) welcome page:

<http://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:

<http://www.itu.int/ITU-T/aap/>

Study Group web pages and contacts:

SG 2	http://www.itu.int/ITU-T/studygroups/com02	tsbsg2@itu.int
SG 3	http://www.itu.int/ITU-T/studygroups/com03	tsbsg3@itu.int
SG 5	http://www.itu.int/ITU-T/studygroups/com05	tsbsg5@itu.int
SG 9	http://www.itu.int/ITU-T/studygroups/com09	tsbsg9@itu.int
SG 11	http://www.itu.int/ITU-T/studygroups/com11	tsbsg11@itu.int
SG 12	http://www.itu.int/ITU-T/studygroups/com12	tsbsg12@itu.int
SG 13	http://www.itu.int/ITU-T/studygroups/com13	tsbsg13@itu.int
SG 15	http://www.itu.int/ITU-T/studygroups/com15	tsbsg15@itu.int
SG 16	http://www.itu.int/ITU-T/studygroups/com16	tsbsg16@itu.int
SG 17	http://www.itu.int/ITU-T/studygroups/com17	tsbsg17@itu.int
SG 20	http://www.itu.int/ITU-T/studygroups/com20	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.651.1	Characteristics of a 50/125 µm multimode graded index optical fibre cable for the optical access network (Summary)	2018-11-01	2018-11-28	A						A
G.672	Characteristics of multi-degree reconfigurable optical add/drop multiplexers (Summary)	2018-11-01	2018-11-28	A						A
G.698.2	Amplified multichannel DWDM applications with single channel optical interfaces (Summary)	2018-11-01	2018-11-28	A						A
G.698.4 Cor.1	Multichannel bi-directional DWDM applications with port agnostic single-channel optical interfaces - Corrigendum 1 (Summary)	2018-11-01	2018-11-28	A						A
G.709.1/Y.1331.1 (2018) Amd.1	Flexible OTN short-reach interface - Amendment 1 (Summary)	2018-11-01	2018-11-28	LJ						LJ
G.709.3/Y.1331.3 Amd.1	Flexible OTN long-reach interfaces: Amendment 1 (Summary)	2018-11-01	2018-11-28	A						A
G.709/Y.1331 (2016) Amd.3	Interfaces for the optical transport network (OTN): Amendment 3 (Summary)	2018-11-01	2018-11-28	LJ						LJ
G.988 Amd.1	ONU management and control interface (OMCI) specification: Amendment 1 (Summary)	2018-11-01	2018-11-28	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	
G.989.2	40-Gigabit-capable passive optical networks 2 (NG-PON2): Physical media dependent (PMD) layer specification (Summary)	2018-11-01	2018-11-28	LJ						LJ
G.989.3 (2015) Amd.2	40-Gigabit-capable passive optical networks (NG-PON2): Transmission convergence layer specification - Amendment 2 (Summary)	2018-11-01	2018-11-28	A						A
G.993.2	Very high speed digital subscriber line transceivers 2 (VDSL2) (Summary)	2018-11-01	2018-11-28	LJ						LJ
G.993.5	Self-FEXT cancellation (vectoring) for use with VDSL2 transceivers (Summary)	2018-11-01	2018-11-28	LJ						LJ
G.994.1	Handshake procedures for digital subscriber line transceivers (Summary)	2018-11-01	2018-11-28	A						A
G.996.2	Single-ended line testing for digital subscriber lines (DSL) (Summary)	2018-11-01	2018-11-28	AT						AT
G.997.1	Physical layer management for digital subscriber line transceivers (Summary)	2018-11-01	2018-11-28	LJ						LJ
G.997.2	Physical layer management for G.fast transceivers (Summary)	2018-11-01	2018-11-28	LJ						LJ
G.998.2	Ethernet-based multi-pair bonding (Summary)	2018-11-01	2018-11-28	A						A
G.998.4	Improved impulse noise protection for digital subscriber line (DSL) transceivers (Summary)	2018-11-01	2018-11-28	AT						AT

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.999.1	Interface between the link layer and the physical layer for digital subscriber line (DSL) transceivers (Summary)	2018-11-01	2018-11-28	LJ						LJ
G.7721 (G.sync-mgmt)	Management Requirement and Information Model for Synchronization (Summary)	2018-11-01	2018-11-28	A						A
G.8011/Y.1307	Ethernet service characteristics (Summary)	2018-11-01	2018-11-28	A						A
G.8013/Y.1731 Amd.1	Operation, administration and maintenance (OAM) functions and mechanisms for Ethernet-based networks (Summary)	2018-11-01	2018-11-28	A						A
G.8023 (2018) Cor.1	Characteristics of equipment functional blocks supporting Ethernet physical layer and FlexE interfaces - Corrigendum 1 (Summary)	2018-11-01	2018-11-28	A						A
G.8121.1/Y.1381.1	Characteristics of MPLS-TP equipment functional blocks supporting ITU-T G.8113.1/Y.1372.1 OAM mechanisms (Summary)	2018-11-01	2018-11-28	A						A
G.8121.2/Y.1381.2	Characteristics of MPLS-TP equipment functional blocks supporting ITU-T G.8113.2/Y.1372.2 OAM mechanisms (Summary)	2018-11-01	2018-11-28	A						A
G.8121/Y.1381	Characteristics of MPLS-TP equipment functional blocks (Summary)	2018-11-01	2018-11-28	A						A
G.8131 Amd.3	Linear protection switching for MPLS transport profile (Summary)	2018-11-01	2018-11-28	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	
G.8151/Y.1374	Management aspects of the MPLS-TP network element (Summary)	2018-11-01	2018-11-28	A						A
G.8251	The control of jitter and wander within the optical transport network (OTN) (Summary)	2018-11-01	2018-11-28	A						A
G.8260 (2015) Amd.2	Definitions and terminology for synchronization in packet networks: Amendment 2 (Summary)	2018-11-01	2018-11-28	AT						AT
G.8262	Timing characteristics of synchronous equipment slave clock (Summary)	2018-11-01	2018-11-28	A						A
G.8262.1/Y.1362.1	Timing characteristics of an enhanced synchronous equipment slave clock (Summary)	2018-12-01	2019-01-11							LC
G.8271 Amd.2	Time and phase synchronization aspects of telecommunication networks - Amendment 2 (Summary)	2018-11-01	2018-11-28	AT						AT
G.8271.2 Amd.2	Network limits for time synchronization in packet networks with partial timing support from the network - Amendment 2 (Summary)	2018-11-01	2018-11-28	A						A
G.8272	Timing characteristics of primary reference time clocks (Summary)	2018-11-01	2018-11-28	A						A
G.8273.2/Y.1368.2 Amd.2	Timing characteristics of telecom boundary clocks and telecom time slave clocks- Amendment 2 (Summary)	2018-12-01	2019-01-11							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	
G.8273.3/Y.1368.3 Amd.1	Timing characteristics of telecom transparent clocks - Amendment 1 (Summary)	2018-11-01	2018-11-28	A						A
G.8275/Y.1369 Amd.1	Architecture and requirements for packet-based time and phase delivery - Amendment 1 (Summary)	2018-11-01	2018-11-28	A						A
G.9701	Fast access to subscriber terminals (G.fast) - Physical layer specification (Summary)	2018-11-01	2018-11-28	LJ						LJ
G.9803 (G.RoF)	Radio over Fiber systems (Summary)	2018-11-01	2018-11-28	A						A
G.9807.2 (2017) Amd.1	10 Gigabit-capable symmetrical passive optical networks (XG(S)-PON): Reach extension - Amendment 1 (Summary)	2018-11-01	2018-11-28	A						A
G.9960	Unified high-speed wireline-based home networking transceivers - System architecture and physical layer specification (Summary)	2018-11-01	2018-11-28	A						A
G.9961	Unified high-speed wire-line based home networking transceivers - Data link layer specification (Summary)	2018-11-01	2018-11-28	A						A
G.9962	Unified high-speed wire-line based home networking transceivers - Management specification (Summary)	2018-11-01	2018-11-28	A						A
G.9963	Unified high-speed wireline-based home networking transceivers - Multiple input/multiple output specification (Summary)	2018-11-01	2018-11-28	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	
G.9978	Secure admission in G.hn network (Summary)	2018-11-01	2018-11-28	A						A
G.9979	Implementation of the generic mechanism in the IEEE 1905.1a-2014 Standard to include applicable ITU-T Recommendations (Summary)	2018-11-01	2018-11-28	A						A
G.9991 (G.vlc)	High speed indoor visible light communication transceiver - System architecture, physical layer and data link layer specification (Summary)	2018-11-01	2018-11-28	LJ						LJ
G.9992 (G.occ)	Indoor optical camera communication transceivers - System architecture, physical layer and data link layer specification (Summary)	2018-11-01	2018-11-28	LJ						LJ
L.109 (L.60)	Construction of optical/metallic hybrid cables (Summary)	2018-11-01	2018-11-28	A						A
L.163 (L.cci)	Criteria for optical cable installation with minimal existing infrastructure (Summary)	2018-11-01	2018-11-28	A						A
L.314 (L.85)	Optical fibre identification for the maintenance of optical access networks (Summary)	2018-11-01	2018-11-28	A						A

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	
H.782 (V2)	Digital signage: Metadata (Summary)	2018-11-01	2018-11-28	A						A
H.784 (H.DS-DCI)	Digital signage: Display device control interface (Summary)	2018-11-01	2018-11-28	A						A

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	
X.676 (X.orf-gs)	Object identifier-based resolution framework for IoT grouped services (Summary)	2018-11-01	2018-11-28	A						A
X.1277 (X.uaf)	FIDO Universal Authentication Framework (UAF) (Summary)	2018-11-01	2018-11-28	A						A
X.1278 (X.ctap)	Client To Authenticator Protocol/Universal 2-factor framework (Summary)	2018-11-01	2018-11-28	A						A

Annex 2

(to TSB AAP-48)

Using the on-line comment submission form

Comment submission

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

- 2) Select your Recommendation

Recommendation_No	Title	Study_Group	State	Consent_Date	Approval_Date	Study_Period	Comment
G.711.1 (2008) Amd.1	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 web interface. At the top, there is a navigation bar with links for 'AAP Info', 'AAP Search', 'Rec. Under AAP', and 'AAP Announcements'. The main heading is 'AAP Recommendation: G.711.1 (2008) Amd.1'. Below this is a 'Basic Information' section with a table:

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

Below the table is an 'Observation' field. Underneath is the 'AAP Process Details' section, which includes a table for 'Last Call (LC)', 'Additional Review (AR)', and 'Study Group (SG)'. At the bottom of this section, there is a 'Submit Comment' button, which is highlighted with a red arrow.

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

The screenshot shows the AAP online form. The form fields are as follows:

- 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 field]
- Technical contact email:** [Text field]
- Sender name*:** [Text field]
- Sender email address*:** [Text field]
- Telephone:** [Text field]

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 field] **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:

<http://www.itu.int/ITU-T/aapinfo/files/AAPTutorial.pdf>

(to TSB AAP-48)

Recommendations under LC/AR – Comment submission form
(Separate form for each Recommendation being commented upon)

ITU-T AAP comment submission form for the period 2009-2012

Study Group: _____

Announcement number: _____

Recommendation number: _____

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*
[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.