



Geneva, 16 February 2018

Ref: **TSB AAP-29** – To Administrations of Member States of the Union;
AAP/CL – To ITU-T Sector Members;
– To ITU-T Associates

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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 Rec. ITU-T A.8 applies to Recommendations which 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.

If you wish to submit a comment relative to a Recommendation under AAP, you are encouraged to use the on-line AAP comment submission form available on the page of the Recommendation in the AAP area of the ITU-T website at <http://www.itu.int/ITU-T/aap> (see **Annex 2**). Alternatively, comments can 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

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 9 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 | |
| J.207 (J.207) | Specification for integrated broadcast and broadband digital television application control framework (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| J.297 | Requirements and functional specification of cable set top box for 4K ultra high definition television (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| J.382 (J.382) | Advanced digital downstream transmission systems for television, sound and data services for cable distribution (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| J.1107 (J.roip-arch) | Architecture and specification for Radio over IP transmission systems (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |

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 | |
| E.831 (E.CEMI) | Customer experience management index for popular services in operators' network to score service quality that customer experience in terms of key network performance parameters (Summary) | 2017-10-01 | 2017-10-28 | LJ | SG | | | | | SG |
| P.862 (2001) Cor.2 | Perceptual evaluation of speech quality (PESQ): An objective method for end-to-end speech quality assessment of narrow-band telephone networks and speech codecs - Corrigendum 2 (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| P.863 | Perceptual objective listening quality prediction (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | 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 | |
| G.650.1 | Definitions and test methods for linear, deterministic attributes of single-mode fibre and cable (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.695 | Optical interfaces for coarse wavelength division multiplexing applications (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.698.4 (G.metro) | Multichannel bi-directional DWDM applications with port agnostic single-channel optical interfaces (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.709.1/Y.1331.1 | Flexible OTN short-reach interface (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.709.2 (G.709.otu4lr) | OTU4 long-reach interface (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.709.3 (G.709.flexo-lr) | Flexible OTN long-reach interface (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.709/Y.1331 (2016) Amd.2 | Interfaces for the optical transport network (OTN): Amendment 2 (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.798 (2017) Amd.1 | Characteristics of optical transport network hierarchy equipment functional blocks (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.798 (2017) Cor.1 | Characteristics of optical transport network hierarchy equipment functional blocks - Corrigendum 1 (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.808 (2016) Amd.1 | Terms and definitions for network protection and restoration (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | 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.959.1 | Optical transport networks physical layer interfaces (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.984.5 (2014) Amd.1 | Gigabit-capable passive optical networks (G-PON): Enhancement band - Amendment 1 (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.993.2 (2015) Amd.3 | Very high speed digital subscriber line transceivers 2 (VDSL2) - Amendment 3 (Summary) | 2017-09-16 | 2017-10-13 | LJ | SG | | | | | AC |
| G.993.2 (2015) Amd.4 | Very high speed digital subscriber line transceivers 2 (VDSL2) - Amendment 4 (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.993.5 (2015) Cor.2 | Self-FEXT cancellation (vectoring) for use with VDSL2 transceivers: Corrigendum 2 (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.994.1 (2017) Amd.2 | Handshake procedures for digital subscriber line transceivers: Amendment 2 (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.996.2 (2009) Amd.6 | Single-ended line testing for digital subscriber lines (DSL): Amendment 6 (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.996.2 (2009) Cor.1 | Single-ended line testing for digital subscriber lines (DSL): Corrigendum 1 (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.997.1 (2016) Amd.2 | Physical layer management for digital subscriber line transceivers - Amendment 2 (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | 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.997.1 (2016) Cor.1 | Physical layer management for digital subscriber line transceivers - Corrigendum 1 (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.997.2 (2015) Amd.5 | Physical layer management for G.fast transceivers: Amendment 5 (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.997.2 (2015) Cor.4 | Physical layer management for G.fast transceivers: Corrigendum 4 (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.998.2 (2005) Cor.1 | Ethernet-based multi-pair bonding - Corrigendum 1 (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.7041/Y.1303 (2016) Cor.1 | Generic Framing Procedure: Corrigendum 1 (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.7701 (2016) Amd.1 | Common control aspects - Amendment 1 (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.7702 (G.asdtn) | Architecture for SDN control of transport networks (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.7711 (2016) | Generic protocol-neutral management Information Model for Transport Resources (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.8013/Y.1731 (2015) Cor .1 | Operation, administration and maintenance (OAM) functions and mechanisms for Ethernet-based networks (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.8021/Y.1341 | Characteristics of Ethernet transport network equipment functional blocks (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | 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.8023 | Characteristics of equipment functional blocks supporting Ethernet physical layer and FlexE interfaces (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.8031/Y.1342 (2015) Amd.1 | Ethernet linear protection switching- Amendment 1 (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.8051/Y.1345 (2015) | Management aspects of the Ethernet Transport (ET) capable network element (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.8264/Y.1364 (2017) Amd.1 | Distribution of timing information through packet networks - Amendment 1 (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.8266/Y.1376 (2016) Amd.1 | Timing characteristics of telecom grandmaster clocks for frequency synchronization - Amendment 1 (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.8271 (2017) Amd.1 | Time and phase synchronization aspects of telecommunication networks - Amendment 1 (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.8271.1/Y.1366.1 (2017) Amd.1 | Network limits for time synchronization in Packet networks - Amendment 1 (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.8271.2/Y.1366.2 (2017) Amd.1 | Network limits for time synchronization in packet networks with partial timing support from the network - Amendment 1 (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.8273/Y.1368 | Framework of phase and time clocks (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | 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.8275.1/Y.1369.1 (2016) Amd.2 | Precision time protocol telecom profile for phase/time synchronization with full timing support from the network: Amendment 2 (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.8275.2/Y.1369.2 (2016) Amd.2 | Precision time protocol telecom profile for phase/time synchronization with partial timing support from the network - Amendment 2 (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.9701 (2014) Amd.5 | Fast access to subscriber terminals (G.fast) - Physical layer specification: Amendment 5 (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.9701 (2014) Cor.5 | Fast access to subscriber terminals (G.fast) - Physical layer specification: Corrigendum 5 (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.9958 (G.shp6) | Generic architecture of home networks for energy management (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.9960 (2015) Cor.4 | Unified high-speed wireline-based home networking transceivers - System architecture and physical layer specification: Corrigendum 4 (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.9961 (2015) Amd.3 | Unified high-speed wire-line based home networking transceivers - Data link layer specification: Amendment 3 (Summary) | 2017-07-16 | 2017-08-12 | LJ | SG | | | | | AC |
| G.9961 (2015) Amd.4 | Unified high-speed wire-line based home networking transceivers - Data link layer specification: Amendment 4 (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | 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.9961 (2015) Cor.5 | Unified high-speed wire-line based home networking transceivers - Data link layer specification: Corrigendum 5 (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| G.9978 (G.996sa) | Secure admission in G.hn network (Summary) | 2017-07-16 | 2017-08-12 | LJ | SG | | | | | AC |
| L.108 (L.79) | Optical fibre cable elements for microduct blowing-installation application (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| L.156 (L.57) | Air-assisted installation of optical fibre cable (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| L.207 (L.pneid) | Passive node elements with automated ID tag detection (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |
| L.315 (L.wdc) | Water detection in underground closures for the maintenance of optical fibre cable networks with optical monitoring system (Summary) | 2018-02-16 | 2018-03-15 | | | | | | | LC |

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.265 (V5) | High efficiency video coding (Summary) | 2018-01-16 | 2018-02-12 | A | | | | | | A |

Situation concerning Study Group 20 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 | |
| Y.4200 (Y.SSCP, Y.SCP) | Requirements for interoperability of smart city platforms (Summary) | 2017-10-01 | 2017-10-28 | LJ | AR | 2018-01-16 | 2018-02-05 | AC | | AC |
| Y.4201 (Y.frame-scc) | High-level requirements and reference framework of smart city platform (Summary) | 2017-10-01 | 2017-10-28 | LJ | AR | 2018-01-16 | 2018-02-05 | AC | | AC |

Annex 2

(to TSB AAP-29)

Using the on-line comment submission form

Comment submission

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

- 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

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 | |
| LC Text LC Summary | | | | | | | | | |
| 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 reprocessable 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:
<http://www.itu.int/ITU-T/aapinfo/files/AAPTutorial.pdf>

(to TSB AAP-29)

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.