



Geneva, 16 July 2015

Ref: **TSB AAP-61**  
AAP/CL

- To Administrations of Member States of the Union;
- 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**

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Annex 1

(to TSB AAP-61)

**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	<a href="http://www.itu.int/ITU-T/studygroups/com02">http://www.itu.int/ITU-T/studygroups/com02</a>	<a href="mailto:tsbsg2@itu.int">tsbsg2@itu.int</a>
SG 3	<a href="http://www.itu.int/ITU-T/studygroups/com03">http://www.itu.int/ITU-T/studygroups/com03</a>	<a href="mailto:tsbsg3@itu.int">tsbsg3@itu.int</a>
SG 5	<a href="http://www.itu.int/ITU-T/studygroups/com05">http://www.itu.int/ITU-T/studygroups/com05</a>	<a href="mailto:tsbsg5@itu.int">tsbsg5@itu.int</a>
SG 9	<a href="http://www.itu.int/ITU-T/studygroups/com09">http://www.itu.int/ITU-T/studygroups/com09</a>	<a href="mailto:tsbsg9@itu.int">tsbsg9@itu.int</a>
SG 11	<a href="http://www.itu.int/ITU-T/studygroups/com11">http://www.itu.int/ITU-T/studygroups/com11</a>	<a href="mailto:tsbsg11@itu.int">tsbsg11@itu.int</a>
SG 12	<a href="http://www.itu.int/ITU-T/studygroups/com12">http://www.itu.int/ITU-T/studygroups/com12</a>	<a href="mailto:tsbsg12@itu.int">tsbsg12@itu.int</a>
SG 13	<a href="http://www.itu.int/ITU-T/studygroups/com13">http://www.itu.int/ITU-T/studygroups/com13</a>	<a href="mailto:tsbsg13@itu.int">tsbsg13@itu.int</a>
SG 15	<a href="http://www.itu.int/ITU-T/studygroups/com15">http://www.itu.int/ITU-T/studygroups/com15</a>	<a href="mailto:tsbsg15@itu.int">tsbsg15@itu.int</a>
SG 16	<a href="http://www.itu.int/ITU-T/studygroups/com16">http://www.itu.int/ITU-T/studygroups/com16</a>	<a href="mailto:tsbsg16@itu.int">tsbsg16@itu.int</a>
SG 17	<a href="http://www.itu.int/ITU-T/studygroups/com17">http://www.itu.int/ITU-T/studygroups/com17</a>	<a href="mailto:tsbsg17@itu.int">tsbsg17@itu.int</a>

## 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	
<a href="#">J.230 (J.cab-mob-req)</a>	Requirements for platform functionalities on the integration of cable STB and mobile second screen devices ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							LC
<a href="#">J.1004 (J.rcas-ac)</a>	Specifications of authorization centre interfaces for renewable conditional access system ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							LC
<a href="#">J.1005 (J.drm-req)</a>	Architecture and requirement of DRM for cable television multiscreen ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							LC
<a href="#">J.1102 (J.vodoc-int)</a>	Interface Specifications for IP-based switched digital video using DOCSIS ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							LC
<a href="#">J.1103 (J.vodoc-trans)</a>	Transmission specification for IP-based switched digital video using Data Over Cable Service Interface Specifications ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							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.650.2</a>	Definitions and test methods for statistical and non-linear related attributes of single-mode fibre and cable ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							LC
<a href="#">G.798 (2012) Cor.1</a>	Characteristics of optical transport network hierarchy equipment functional blocks: Corrigendum 1 ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							LC
<a href="#">G.824 (2000) Cor.1</a>	The control of jitter and wander within digital networks which are based on the 1544 kbit/s hierarchy: Corrigendum 1 ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							LC
<a href="#">G.873.2</a>	ODUk shared ring protection ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							LC
<a href="#">G.874 (2013) Amd.1</a>	Management aspects of optical transport network elements: Amendment 1 ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							LC
<a href="#">G.874.1 (2012) Amd.2</a>	Optical transport network: Protocol-neutral management information model for the network element view: Amendment 2 ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							LC
<a href="#">G.989</a>	40-Gigabit-capable passive optical network (NG PON2): Definitions, abbreviations and acronyms ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							LC
<a href="#">G.989.1 (2013) Amd.1</a>	40-Gigabit-capable passive optical networks (NG-PON2): General requirements: Amendment 1 ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							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.989.2 (2014) Amd.1</a>	40-Gigabit-capable passive optical networks 2 (NG-PON2): Physical media dependent (PMD) layer specification: Amendment 1 ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							LC
<a href="#">G.989.3 (G.ngpon2.3)</a>	40-Gigabit-capable passive optical networks (NG PON2): Transmission Convergence Layer Specification ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							LC
<a href="#">G.7711/Y.1702 (G.gim)</a>	Generic protocol-neutral information model for transport resources ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							LC
<a href="#">G.7712/Y.1703 (2010) Amd.2</a>	Architecture and specification of data communication network: Amendment 2 ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							LC
<a href="#">G.8013/Y.1731</a>	OAM functions and mechanisms for Ethernet-based networks ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							LC
<a href="#">G.8021/Y.1341 (2015) Cor.1</a>	Characteristics of Ethernet transport network equipment functional blocks: Corrigendum 1 ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							LC
<a href="#">G.8032/Y.1344</a>	Ethernet ring protection switching ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							LC
<a href="#">G.8051/Y.1345</a>	Management aspects of the Ethernet Transport (ET) capable network element ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							LC
<a href="#">G.8112/Y.1371</a>	Interfaces for the MPLS Transport Profile layer network ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							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.8113.2/Y.1372.2</a>	Operations, administration and maintenance mechanisms for MPLS-TP networks using the tools defined for MPLS ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							LC
<a href="#">G.8260</a>	Definitions and terminology for synchronization in packet networks ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							LC
<a href="#">G.8273.2/Y.1368.2 (2014) Amd.2</a>	Timing characteristics of telecom boundary clocks and telecom time slave clocks: Amendment 2 ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							LC
<a href="#">G.8273/Y.1368 (2013) Amd.2</a>	Framework of phase and time clocks: Amendment 2 ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							LC
<a href="#">G.9802 (2015) Amd.1 (G.multi)</a>	Control aspects of multiple wavelength passive optical networks: Amendment 1 ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							LC
<a href="#">G.9903 (2014) Amd.1 (G.g3-plc)</a>	Narrowband orthogonal frequency division multiplexing power line communication transceivers for G3-PLC networks: Amendment 1 ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							LC
<a href="#">G.9960</a>	Unified high-speed wire-line based home networking transceivers - System architecture and physical layer specification ( <a href="#">Summary</a> )	2015-01-16	2015-02-12	LJ	SG					AC
<a href="#">G.9961 (G.hn)</a>	Unified high-speed wire-line based home networking transceivers - Data link layer specification ( <a href="#">Summary</a> )	2015-01-16	2015-02-12	LJ	SG					AC

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.9963 (G.hn-MIMO)</a>	Unified high-speed wire-line based home networking transceivers - Multiple input/multiple output specification <a href="#">(Summary)</a>	2015-01-16	2015-02-12	U	SG					AC
<a href="#">L.10</a>	Optical fibre cables for duct and tunnel application <a href="#">(Summary)</a>	2015-07-16	2015-08-12							LC
<a href="#">L.26</a>	Optical fibre cables for aerial application <a href="#">(Summary)</a>	2015-07-16	2015-08-12							LC
<a href="#">L.43</a>	Optical fibre cables for buried application <a href="#">(Summary)</a>	2015-07-16	2015-08-12							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	
X.226 Cor.1	Information Technology - Open Systems Interconnection - Connection-Oriented Presentation Protocol: Protocol Specification ( <a href="#">Summary</a> )	2015-06-16	2015-07-13	A						A
X.227 bis Cor.1	Information technology - Open Systems Interconnection - Connection-mode protocol for the Application Service Object Association Control Service Element ( <a href="#">Summary</a> )	2015-06-16	2015-07-13	A						A
X.680	Information technology - Abstract Syntax Notation One (ASN.1): Specification of basic notation ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							LC
X.681	Information technology - Abstract Syntax Notation One (ASN.1): Information object specification ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							LC
X.682	Information technology - Abstract Syntax Notation One (ASN.1): Constraint specification ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							LC
X.683	Information technology - Abstract Syntax Notation One (ASN.1): Parameterization of ASN.1 specifications ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							LC
X.690	Information technology - ASN.1 encoding rules: Specification of Basic Encoding Rules (BER), Canonical Encoding Rules (CER) and Distinguished Encoding Rules (DER) ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							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	
X.691	Information technology - ASN.1 encoding rules: Specification of Packed Encoding Rules (PER) ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							LC
X.692	Information technology - ASN.1 encoding rules: Specification of Encoding Control Notation (ECN) ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							LC
X.693	Information technology - ASN.1 encoding rules: XML Encoding Rules (XER) ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							LC
X.694	Information technology - ASN.1 encoding rules: Mapping W3C XML schema definitions into ASN.1 ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							LC
X.695	Information technology - ASN.1 encoding rules: Registration and application of PER encoding instructions ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							LC
X.696	Information technology - ASN.1 encoding rules: Specification of Octet Encoding Rules (OER) ( <a href="#">Summary</a> )	2015-07-16	2015-08-12							LC
<a href="#">X.1631 (X.cc-control)</a>	Information technology - Security techniques - Code of practice for information security controls based on ISO/IEC 27002 for cloud services ( <a href="#">Summary</a> )	2015-06-16	2015-07-13	A						A



## Annex 2

(to TSB AAP-61)

### Using the on-line comment submission form

#### Comment submission

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

The screenshot shows the ITU AAP search interface. At the top, there's a navigation bar with links for 'AAP Info', 'AAP Search', 'Rec. Under AAP', and 'AAP Announcements'. Below this is a banner featuring four small images related to telecommunications. The main area is titled 'Search for Recommendation(s)'. It contains several input fields: 'Status' (checkboxes for 'Under AAP', 'Approved', and 'Not Approved'), 'Study Period' (dropdown set to '2005-2008'), 'Study Group' (dropdown set to 'All', with a red arrow pointing to it labeled 'a) Select study group'), 'Recommendation No.' (input fields for 'No.', 'Title', and 'Text' with a placeholder '(e.g. G.993 or G.993.2 or G.vDSL2)'), and an 'Advanced Search' link. At the bottom are 'Search' and 'Reset' buttons, with the 'Search' button highlighted by a red rectangle and labeled 'b) Click here'.

- 2) Select your Recommendation

The screenshot shows the 'AAP Recommendations' page. At the top, there's a navigation bar with links for 'AAP Info', 'AAP Search', 'Rec. Under AAP', and 'AAP Announcements'. Below this is a banner featuring four small images related to telecommunications. The main area is titled 'AAP Recommendations'. It displays a table with columns: 'Recommendation\_No', 'Title', 'Study\_Group', 'State', 'Consent\_Date', 'Approval\_Date', 'Study\_Period', and 'Comment'. The table contains the following data:

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	U	2008-05-02		2005-2008	*

Total 6 records match.

- 3) Click the "Submit Comment" button

Screenshot of the ITU AAP Recommendation page for G.711.1 (2008) Amd.1.

The page shows basic information about the recommendation, including its title, study group, current status, and approval date. An observation section is also present.

Below this, the AAP Process Details section is shown, featuring tables for Last Call (LC), Additional Review (AR), and Study Group (SG). The LC table includes rows for LC Start, LC End, LC Result, and IJ Result. The AR table includes rows for AR Start, AR End, AR Result, and AJ Result. The SG table includes rows for SG Date and SG Result.

At the bottom of the process details section is a "Submit Comment" button, which is highlighted with a red arrow.

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

Screenshot of the online comment submission form.

The form fields include:

- 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 menu)
- Email of contact (for AAP): (dropdown menu)
- Email of Administration or Company: (text input field)
- Technical contact email: (text input field)
- Sender name\*: (text input field)
- Sender email address\*: (text input field)
- Telephone: (text input 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: (file input 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-61)

**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:**

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**Announcement number:**

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**Recommendation number:**

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**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:**

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**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:**

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**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.*