



Geneva, 16 August 2015

Ref: **TSB AAP-63** – To Administrations of Member States of the Union;  
AAP/CL – To ITU-T Sector Members;  
– To ITU-T Associates

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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 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-63)

**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	A						A
<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	A						A
<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	A						A
<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	A						A
<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	A						A

## 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	A						A
<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	A						A
<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	A						A
<a href="#">G.873.2</a>	ODUk shared ring protection ( <a href="#">Summary</a> )	2015-07-16	2015-08-12	A						A
<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	A						A
<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	A						A
<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	U						U
<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	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.989.2 (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	U						U
<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	U						U
<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	A						A
<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	U						U
<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	A						A
<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	A						A
<a href="#">G.8032/Y.1344</a>	Ethernet ring protection switching ( <a href="#">Summary</a> )	2015-07-16	2015-08-12	A						A
<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	A						A
<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	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.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	A						A
<a href="#">G.8260</a>	Definitions and terminology for synchronization in packet networks ( <a href="#">Summary</a> )	2015-07-16	2015-08-12	A						A
<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	A						A
<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	A						A
<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	A						A
<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	A						A
<a href="#">L.10</a>	Optical fibre cables for duct and tunnel application ( <a href="#">Summary</a> )	2015-07-16	2015-08-12	A						A
<a href="#">L.26</a>	Optical fibre cables for aerial application ( <a href="#">Summary</a> )	2015-07-16	2015-08-12	A						A
<a href="#">L.43</a>	Optical fibre cables for buried application ( <a href="#">Summary</a> )	2015-07-16	2015-08-12	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.680	Information technology - Abstract Syntax Notation One (ASN.1): Specification of basic notation ( <a href="#">Summary</a> )	2015-07-16	2015-08-12	A						A
X.681	Information technology - Abstract Syntax Notation One (ASN.1): Information object specification ( <a href="#">Summary</a> )	2015-07-16	2015-08-12	A						A
X.682	Information technology - Abstract Syntax Notation One (ASN.1): Constraint specification ( <a href="#">Summary</a> )	2015-07-16	2015-08-12	A						A
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	A						A
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	A						A
X.691	Information technology - ASN.1 encoding rules: Specification of Packed Encoding Rules (PER) ( <a href="#">Summary</a> )	2015-07-16	2015-08-12	A						A
X.692	Information technology - ASN.1 encoding rules: Specification of Encoding Control Notation (ECN) ( <a href="#">Summary</a> )	2015-07-16	2015-08-12	A						A
X.693	Information technology - ASN.1 encoding rules: XML Encoding Rules (XER) ( <a href="#">Summary</a> )	2015-07-16	2015-08-12	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	
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	A						A
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	A						A
X.696	Information technology - ASN.1 encoding rules: Specification of Octet Encoding Rules (OER) ( <a href="#">Summary</a> )	2015-07-16	2015-08-12	A						A

## Annex 2

(to TSB AAP-63)

### 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 the navigation is a banner featuring images related to telecommunications. The main area is titled 'Search for Recommendation(s)' and contains a search form. The search form includes fields for 'Status' (checkboxes for 'Under AAP', 'Approved', and 'Not Approved'), 'Study Period' (dropdown menu showing '2005-2008'), 'Study Group' (dropdown menu showing 'All'), and 'Recommendation No.' (text input field with a dropdown arrow). A red arrow points to the 'Study Group' dropdown with the label 'a) Select study group'. Below the form are buttons for 'Advanced Search', 'Search' (highlighted with a red box), and 'Reset'. Another red arrow points to the 'Search' button with the label 'b) Click here'.

- 2) Select your Recommendation

The screenshot shows the results of the search. At the top, it displays the search criteria: 'Status: Under AAP', 'Study Period: 2005-2008', and 'Study Group: 16'. Below this is a section titled 'AAP Recommendations' containing a table of results. The table has columns for 'Recommendation\_No', 'Title', 'Study\_Group', 'State', 'Consent\_Date', 'Approval\_Date', 'Study\_Period', and 'Comment'. The first row, which corresponds to the 'G.711.1 (2008) Amd.1' entry in the previous screenshot, has a red arrow pointing to its 'Recommendation\_No' cell. The table shows six records matching the search criteria. The last record in the table is H.264 (2007) Cor.1, which has a red star icon in the 'Comment' column.

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

The screenshot shows the International Telecommunication Union (ITU) website for the Advanced Equipment Procedure (AAP). The top navigation bar includes links for 'AAP Info', 'AAP Search', 'Rec. Under AAP', and 'AAP Announcements'. Below this, a banner displays the text 'AAP Recommendation: G.711.1 (2008) Amd.1' and a small image of a globe. The main content area is titled 'Basic Information' and contains a table with details about the recommendation. An 'Observation' section follows. The 'AAP Process Details' section includes tables for 'Last Call (LC)', 'Additional Review (AR)', and 'Study Group (SG)'. At the bottom of the process details section is a 'Submit Comment' button, which is highlighted with a large red arrow.

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

The screenshot shows a detailed 'Submit Comment' form. It includes fields for 'Study group\*', 'Announcement number\*', 'Recommendation number\*', 'Recommendation under\*', 'Country', 'Administration or Company\*', 'Email of contact (for AAP)', 'Email of Administration or Company', 'Technical contact email', 'Sender name\*', 'Sender email address\*', and 'Telephone'. Below these fields is a 'Comments: (Choose as applicable)' section with two radio button options. The next section is 'Observation', which contains a text area and a note about sending comments as attachments. The 'Attach the file:' field includes a note about maximum file size (10 Mb) and a 'Browse...' button. At the bottom of the form is a checkbox for 'No attachment' and a note that comments are given in the observation field. The final step is a 'Submit' button, which is highlighted with a large red arrow.

For more information, read the AAP tutorial on:

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

Annex 3

(to TSB AAP-63)

**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)

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**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:**

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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.*