

# UNION INTERNATIONALE DES TELECOMMUNICATIONS

Bureau de la normalisation des télécommunications



Genève, le 1 septembre 2013

Réf: **TSB AAP-18**  
AAP/MJ

- Aux administrations des Etats Membres de l'Union;
- Aux Membres du Secteur UIT-T;
- Aux Associés de l'UIT-T

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- Aux Présidents et Vice-Présidents des Commissions d'études de l'UIT-T;
- Au Directeur du Bureau de développement des télécommunications;
- Au Directeur du Bureau des radiocommunications

E-mail: [tsbdir@itu.int](mailto:tsbdir@itu.int)

Objet: **Etat des Recommandations auxquelles s'applique la variante de la procédure d'approbation (AAP)**

Madame, Monsieur,

La variante de la procédure d'approbation (AAP), définie dans la Recommandation UIT-T A.8, s'applique aux Recommandations qui n'ont pas d'incidence politique ou réglementaire et ne nécessitent donc pas une consultation formelle des Etats Membres (voir le numéro 246B de la Convention de l'UIT).

L'**Annexe 1** énumère les textes dont le statut a changé par rapport aux annonces TSB AAP antérieures.

Si vous souhaitez soumettre des observations sur une Recommandation ayant fait l'objet de la procédure AAP, vous êtes encouragés à utiliser le formulaire en ligne de soumission des observations AAP, disponible dans l'espace AAP du site web de l'UIT-T à l'adresse <http://www.itu.int/ITU-T/aap/>, à la page de la Recommandation concernée (voir l'**Annexe 2**). Vous pouvez aussi soumettre vos observations en remplissant le formulaire figurant à l'**Annexe 3** et en l'envoyant au secrétariat de la Commission d'études concernée.

Veuillez noter que les observations ayant simplement pour objet d'appuyer l'adoption du texte en question ne sont pas encouragées.

Veuillez agréer, Madame, Monsieur, l'assurance de ma considération distinguée.

Malcolm Johnson

Directeur du Bureau de la normalisation des télécommunications

**Annexes:** 3

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## Annex 1

(to TSB AAP-18)

### 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 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.650.1 (2010) Cor.1</a>	Definitions and test methods for linear, deterministic attributes of single-mode fibre and cable: Corrigendum 1 ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	A						A
<a href="#">G.703 (2001) Amd.1</a>	Physical/electrical characteristics of hierarchical digital interfaces: Amendment 1 ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	A						A
<a href="#">G.709/Y.1331 (2012) Amd.2</a>	Interfaces for the Optical Transport Network (OTN): Amendment 2 ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	LJ						LJ
<a href="#">G.783 (2006) Amd.4</a>	Characteristics of synchronous digital hierarchy (SDH) equipment functional blocks : Amendment 4 ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	A						A
<a href="#">G.798.1 (2013) Amd.1</a>	Types and characteristics of optical transport network equipment: Amendment 1 ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	A						A
<a href="#">G.870/Y.1352 (2012) Cor.1</a>	Terms and definitions for Optical Transport Networks (OTN): Corrigendum 1 ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	A						A
<a href="#">G.872 (2012) Amd.1</a>	Architecture of optical transport networks: Amendment 1 ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	LJ						LJ
<a href="#">G.874</a>	Management aspects of optical transport network elements ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	A						A
<a href="#">G.874.1 (2012) Amd.1</a>	Optical transport network (OTN): Protocol-neutral management information model for the network element view: Amendment 1 ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	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	
<a href="#">G.992.3 (2009) Cor.3</a>	Asymmetric digital subscriber line transceivers 2 (ADSL2): Corrigendum 3 ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	A						A
<a href="#">G.993.2 (2011) Amd.4</a>	Very high speed digital subscriber line transceivers 2 (VDSL2): Amendment 4 ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	A						A
<a href="#">G.993.5 (2010) Amd.4</a>	Self-FEXT cancellation (vectoring) for use with VDSL2 transceivers: Amendment 4 ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	LJ						LJ
<a href="#">G.994.1 (2012) Amd.2</a>	Handshake procedures for digital subscriber line (DSL) transceivers: Amendment 2 ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	A						A
<a href="#">G.996.2 (2009) Amd.4</a>	Single-ended line testing for digital subscriber lines (DSL): Amendment 4 ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	A						A
<a href="#">G.997.1 (2012) Amd.3</a>	Physical layer management for digital subscriber line transceivers: Amendment 3 ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	A						A
<a href="#">G.998.1 (2005) Amd.1</a>	ATM-based multi-pair bonding: Amendment 1 ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	A						A
<a href="#">G.998.2 (2005) Amd.3</a>	Ethernet-based multi-pair bonding: Amendment 3 ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	A						A
<a href="#">G.998.3 (2005) Amd.1</a>	Multi-pair bonding using time-division inverse multiplexing: Amendment 1 ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	A						A
<a href="#">G.7712/Y.1703 (2010) Amd.1</a>	Architecture and specification of data communication network: Amendment 1 ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	LJ						LJ

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.8011.1/Y.1307.1</a>	Ethernet private line service ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	A						A
<a href="#">G.8011.2/Y.1307.2</a>	Ethernet virtual private line service ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	A						A
<a href="#">G.8011.3/Y.1307.3</a>	Ethernet virtual private LAN service ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	A						A
<a href="#">G.8011.4/Y.1307.4</a>	Ethernet private tree and Ethernet virtual private Tree services ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	A						A
<a href="#">G.8011.5/Y.1307.5</a>	Ethernet private LAN service ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	A						A
<a href="#">G.8011/Y.1307 (2012) Cor.1</a>	Ethernet over Transport – Ethernet service characteristics: Corrigendum 1 ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	A						A
<a href="#">G.8013/Y.1731</a>	OAM functions and mechanisms for Ethernet-based networks ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	LJ						LJ
<a href="#">G.8021/Y.1341 (2012) Amd.2</a>	Characteristics of Ethernet Transport network equipment functional blocks: Amendment 1 ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	LJ						LJ
<a href="#">G.8031/Y.1342 (2011) Amd.1</a>	Ethernet linear protection switching: Amendment 1 ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	A						A
<a href="#">G.8051/Y.1345 (G.eot-mgmt)</a>	Management aspects of the Ethernet Transport (ET) capable network element ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	A						A
<a href="#">G.8052/Y.1346 (G.eot-mgmt-info)</a>	Protocol-neutral management information model for the Ethernet Transport capable network element ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	A						A
<a href="#">G.8113.1/Y.1372.1 (2012) Amd.1</a>	Operations, administration and maintenance mechanism for MPLS-TP in packet transport network (PTN): Amendment 1 ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	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	
<a href="#">G.8113.2/Y.1372.2 (2012) Amd.1</a>	Operations, administration and maintenance mechanisms for MPLS-TP networks using the tools defined for MPLS: Amendment 1 ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	A						A
<a href="#">G.8121.1/Y.1381.1</a>	Characteristics of MPLS-TP equipment functional blocks supporting ITU-T G.8113.1/Y.1372.1 ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	LJ						LJ
<a href="#">G.8121.2/Y.1381.2</a>	Characteristics of MPLS-TP equipment functional blocks supporting ITU-T G.8113.2/Y.1372.2 ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	LJ						LJ
<a href="#">G.8121/Y.1381</a>	Characteristics of MPLS-TP equipment functional blocks ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	LJ						LJ
<a href="#">G.8151/Y.1374 (2012) Amd.2</a>	Management aspects of the MPLS-TP network element: Amendment 2 ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	LJ						LJ
<a href="#">G.8260 (2012) Amd.1</a>	Definitions and terminology for synchronization in packet networks: Amendment 1 ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	A						A
<a href="#">G.8261/Y.1361</a>	Timing and synchronization aspects in packet networks ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	A						A
<a href="#">G.8263/Y.1363 (2012) Amd.1 (G.paclock-bis)</a>	Timing characteristics of packet-based equipment clocks: Amendment 1 ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	LJ						LJ
<a href="#">G.8271.1/Y.1366.1 (G.pactiming-bis)</a>	Network Limits for Time Synchronization in Packet Networks ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	LJ						LJ
<a href="#">G.8271/Y.1366 (2012) Amd.1</a>	Time and phase synchronization aspects of Packet Networks: Amendment 1 ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	LJ						LJ

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.8272/Y.1367 (2012)</a> <a href="#">Amd.1</a>	Timing characteristics of primary reference time clock: Amendment 1 ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	LJ						LJ
<a href="#">G.8273/Y.1368</a>	Framework of phase and time clocks ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	LJ						LJ
<a href="#">G.9801 (G.epon)</a>	Ethernet passive optical networks using OMCI ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	A						A
<a href="#">G.9902 (2012) Amd.2</a>	Narrow-band orthogonal frequency division multiplexing power line communication transceivers for ITU-T G.hnem networks: Amendment 2 ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	A						A
<a href="#">G.9905 (G.cmsr)</a>	Centralized metric-based source routing ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	A						A
<a href="#">G.9959 (2012) Amd.1</a>	Short range narrowband digital radiocommunication transceivers – PHY and MAC layer specifications: Amendment 1 ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	LJ						LJ
<a href="#">G.9962 (2013) Amd.1</a> <a href="#">(G.hn)</a>	Unified high-speed wire-line based home networking transceivers - Management specification: Amendment 1 ( <a href="#">Summary</a> )	2013-08-01	2013-08-28	A						A



## Annex 2

(to TSB AAP-18)

### 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 logo for the International Telecommunication Union (ITU) and several small images related to telecommunications. Below the logo is a navigation bar with links: AAP Info, AAP Search, Rec. Under AAP, and AAP Announcements. The main area is titled "Search for Recommendation(s)". It contains a form with the following fields:

- Status:  Under AAP  Approved  Not Approved
- Study Period: 2005-2008
- Study Group: All (highlighted with a red arrow, labeled 'a) Select study group')
- Recommendation No.:  .  .  (e.g. G.993 or G.993.2 or G.vDSL2)

At the bottom of the form are two buttons: "Advanced Search", "Search" (highlighted with a red arrow, labeled 'b) Click here'), and "Reset".

- 2) Select your Recommendation

The screenshot shows the search results for AAP recommendations. At the top, there's a logo for the International Telecommunication Union (ITU) and several small images related to telecommunications. Below the logo is a navigation bar with links: AAP Info, AAP Search, Rec. Under AAP, and AAP Announcements. The main area is titled "AAP Recommendations". It displays a table of recommendations with 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	LJ	2008-05-02		2005-2008	★

Total 6 records match.

- 3) Click the "Submit Comment" button

The screenshot shows the ITU AAP recommendation page for G.711.1 (2008) Amd.1. At the top, there's a banner with the ITU logo and several small images related to telecommunication. Below the banner, a navigation bar includes links for AAP Info, AAP Search, Rec. Under AAP, and AAP Announcements. The main content area displays the title 'AAP Recommendation: G.711.1 (2008) Amd.1'. A sub-header 'Basic Information' is followed by a table with columns for Title, Study Group, Current Status, Consent Date, Approval Date, Study Period, Provisional Name, IPR, and Input used for Consent. The table entry is: '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' with values: Study Group 16, LC, Current Status 2008-10-03, Approval Date 2005-2008, Study Period G.711-WB-Float, Provisional Name G.711-WB-Float, IPR ?, Input used for Consent TD 381-WP3. Below this is an 'Observation' section. The next section is 'AAP Process Details' which includes tables for Last Call (LC), Additional Review (AR), and Study Group (SG). The 'Last Call (LC)' table shows LC Start (2008-10-16), LC End (2008-11-12), LC Result, and LJ Result. The 'Additional Review (AR)' table shows AR Start, AR End, AR Result, and AJ Result. The 'Study Group (SG)' table shows SG Date and SG Result. Below these tables are sections for LC - Text / Summary, AR - Text / Summary, SG Documents, LC - Comments, AR - Comments, and SG Decisions. 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 'Submit Comment' form. It includes fields for Study group (SG16), Announcement number (AAP 92), Recommendation number (G.711.1 (2008) Amd.1), and a radio button for Recommendation under (Last Call (LC)). There are dropdown menus for Country (Adelie Land), 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 are sections for Comments (Choose as applicable) and Observation. The observation field has a note: '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.' There's also an 'Attach the file' field with a maximum size of 10 Mb and a 'Browse...' button. A checkbox for 'No attachment' is present with the note: 'Comments are given in the Observation field, no attachment needed'. At the bottom, there's a 'Submit' button and a note: 'Please check your entries and click on Submit to confirm'. If successful, it says: 'If the submission is successful, you will get an acknowledgement report and receive an email containing this report.' The 'Submit' button 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-18)

### 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.**