

# INTERNATIONAL TELECOMMUNICATION UNION

Telecommunication Standardization Bureau



Geneva, 16 October 2009

Ref: **TSB AAP-23** – To Administrations of Member States of the Union;  
AAP/MJ – 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,

Malcolm Johnson  
Director of the Telecommunication Standardization Bureau

**Annexes: 3**

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## **Annex 1**

(to TSB AAP-23)

### **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 11 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="#">X.603.1 (2007) Amd.1</a>	Information technology - Relayed multicast protocol: Specification for simplex group applications - Amendment 1: Security extensions	2009-10-16	2009-11-12							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.652</a>	Characteristics of a single-mode optical fibre cable	2009-10-16	2009-11-12							LC
<a href="#">G.655</a>	Characteristics of a non-zero dispersion shifted single-mode optical fibre and cable	2009-10-16	2009-11-12							LC
<a href="#">G.657</a>	Characteristics of a bending loss insensitive single mode optical fibre and cable for the access network	2009-10-16	2009-11-12							LC
<a href="#">G.693</a>	Optical interfaces for intra-office systems	2009-10-16	2009-11-12							LC
<a href="#">G.695</a>	Optical interfaces for coarse wavelength division multiplexing applications	2009-10-16	2009-11-12							LC
<a href="#">G.697</a>	Optical monitoring for DWDM systems	2009-10-16	2009-11-12							LC
<a href="#">G.698.1</a>	Multichannel DWDM applications with single channel optical interfaces	2009-10-16	2009-11-12							LC
<a href="#">G.698.2</a>	Amplified multichannel DWDM applications with single channel optical interfaces	2009-10-16	2009-11-12							LC
<a href="#">G.707/Y.1322 (2007) Amd.2</a>	Network node interface for the synchronous digital hierarchy (SDH)	2009-10-16	2009-11-12							LC
<a href="#">G.709/Y.1331</a>	Interfaces for the Optical Transport Network (OTN)	2009-10-16	2009-11-12							LC
<a href="#">G.781 (2008) Cor.1</a>	Synchronization Layer Functions	2009-10-16	2009-11-12							LC
<a href="#">G.783 (2006) Amd.2</a>	Characteristics of Synchronous Digital Hierarchy (SDH) Equipment Functional Blocks	2009-10-16	2009-11-12							LC
<a href="#">G.808.1</a>	Generic Protection Switching - Linear Trail and Subnetwork Protection	2009-10-16	2009-11-12							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.870/Y.1352 (2008) Amd.1</a>	Terms and definitions for Optical Transport Networks (OTN)	2009-10-16	2009-11-12							LC
<a href="#">G.959.1</a>	Optical transport networks physical layer interfaces	2009-10-16	2009-11-12							LC
<a href="#">G.973.1 (G.lcasub)</a>	Longitudinal compatible DWDM applications for repeaterless optical fibre submarine cable systems	2009-10-16	2009-11-12							LC
<a href="#">G.984.3 (2008) Amd.2</a>	Gigabit-capable Passive Optical Networks (GPON): Transmission convergence layer specification - Amendment 2	2009-10-16	2009-11-12							LC
<a href="#">G.984.4 (2008) Amd.2</a>	Gigabit-capable passive optical network (GPON): ONT management and control interface specification - Amendment 2	2009-10-16	2009-11-12							LC
<a href="#">G.984.6 (2008) Amd.1</a>	Gigabit-capable Passive Optical Networks (GPON): Reach extender (RE) units - Amendment 1	2009-10-16	2009-11-12							LC
<a href="#">G.986 (G.gbe)</a>	1 Gbit/s point-to-point Ethernet based optical access system	2009-10-16	2009-11-12							LC
<a href="#">G.987 (G.xgpon.def)</a>	10-Gigabit-capable passive optical network (XG-PON) systems: Definitions, Abbreviations, and Acronyms	2009-10-16	2009-11-12							LC
<a href="#">G.987.1 (G.xgpon.1)</a>	10Gigabit-capable Passive Optical Networks (XG-PON): General Requirements	2009-10-16	2009-11-12							LC
<a href="#">G.987.2</a>	10-Gigabit-capable passive optical networks (XG-PON): Physical Media Dependent (PMD) layer specification	2009-10-16	2009-11-12							LC
<a href="#">G.992.3 (2009) Cor.1</a>	Asymmetric digital subscriber line transceivers 2 (ADSL2) - Corrigendum 1	2009-10-16	2009-11-12							LC
<a href="#">G.993.2 (2006) Amd.5</a>	Very high speed Digital subscriber Line Transceivers 2 - Amendment 5	2009-10-16	2009-11-12							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.993.5 (G.vector)</a>	Self-FEXT Cancellation (Vectoring) for use with VDSL2 transceivers	2009-10-16	2009-11-12							LC
<a href="#">G.994.1 (2007) Amd.5</a>	Handshake procedures for digital subscriber line (DSL) transceivers - Amendment 5	2009-10-16	2009-11-12							LC
<a href="#">G.996.2 (2009) Amd.1 (G.lt Amd.1)</a>	Line Testing for Digital Subscriber Lines (DSL)	2009-06-01	2009-06-28	LJ	SG					AC
<a href="#">G.997.1 (2009) Amd.1</a>	Physical layer management for digital subscriber line (DSL) transceivers - Amendment 1	2009-10-16	2009-11-12							LC
<a href="#">G.997.1 (2009) Cor.1</a>	Physical layer management for digital subscriber line (DSL) transceivers - Corrigendum 1	2009-10-16	2009-11-12							LC
<a href="#">G.998.4 (G.inp)</a>	Improved Impulse Noise Protection (INP) for DSL Transceivers	2009-10-16	2009-11-12							LC
<a href="#">G.999.1</a>	LINK layer to PHY layer interface	2009-01-16	2009-02-12	LJ	AR	2009-06-01	2009-06-21	AJ	SG	AC
<a href="#">G.7710/Y.1701 (2007) Cor.1</a>	Common equipment management function requirements	2009-10-16	2009-11-12							LC
<a href="#">G.7713/Y.1704</a>	Distributed Call and Connection Management (DCM)	2009-10-16	2009-11-12							LC
<a href="#">G.7716/Y.1707 (G.les)</a>	Architecture of Control Plane Operations	2009-10-16	2009-11-12							LC
<a href="#">G.8011.3/Y.1307.3</a>	Ethernet Virtual Private LAN Service	2009-10-16	2009-11-12							LC
<a href="#">G.8011.4/Y.1307.4</a>	Ethernet Virtual Private Rooted Multipoint Service	2009-10-16	2009-11-12							LC
<a href="#">G.8011.5/Y.1307.5</a>	Ethernet Private LAN service	2009-10-16	2009-11-12							LC
<a href="#">G.8021/Y.1341 (2007) Amd.2</a>	Characteristics of Ethernet Transport Network Equipment Functional Blocks	2009-10-16	2009-11-12							LC
<a href="#">G.8031/Y.1342</a>	Ethernet linear protection switching	2009-10-16	2009-11-12							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.8051/Y.1345 (G.eot-mgmt)</a>	Management aspects of the Ethernet-over-Transport (EoT) capable network element	2009-10-16	2009-11-12							LC
<a href="#">G.8251 (2001) Amd.2</a>	The control of jitter and wander within the optical transport network (OTN)	2009-10-16	2009-11-12							LC
<a href="#">G.8262/Y.1362 (2007) Amd.2</a>	Timing characteristics of a synchronous Ethernet equipment slave clock (EEC)	2009-10-16	2009-11-12							LC
<a href="#">G.8264/Y.1364 (2008) Cor.1</a>	Timing distribution through packet networks	2009-10-16	2009-11-12							LC
<a href="#">G.9960 (G.hn)</a>	Next generation home networking transceivers	2009-01-16	2009-02-12	LJ	SG					AC
<a href="#">G.9972 (G.cx)</a>	Coexistence mechanism for wireline home networking transceivers	2009-10-16	2009-11-12							LC
<a href="#">L.81 (L.wsn)</a>	Monitoring systems for outside plant facilities	2009-10-16	2009-11-12							LC
<a href="#">O.174 (O.SyncEjitter)</a>	Jitter and wander measuring equipment for a synchronous packet network	2009-10-16	2009-11-12							LC





## Annex 2

(to TSB AAP-23)

### 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
<a href="#">G.711.1 (2008) Amd.1</a>	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	
<a href="#">G.718 (2008) Cor.1</a>	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	
<a href="#">G.719 (2008) Amd.1</a>	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	
<a href="#">G.722.2 (2003) Cor.3</a>	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	
<a href="#">G.729.1 (2006) Amd.5</a>	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	
<a href="#">H.264 (2007) Cor.1</a>	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

**International Telecommunication Union**

AAP Info | AAP Search | Rec. Under AAP | AAP Announcements

**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	
<a href="#">LC Text</a>									
<a href="#">LC Summary</a>									
LC - Comments				AR - Comments				SG Decisions	

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\*:** [Dropdown]

**Email of contact (for AAP):** [Dropdown]

**Email of Administration or Company:** [Text]

**Technical contact email:** [Text]

**Sender name\*:** [Text]

**Sender email address\*:** [Text]

**Telephone:** [Text]

**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:** [Text]

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>

### Annex 3

(to TSB AAP-23)

#### 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: tsbgs...@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.*