

# INTERNATIONAL TELECOMMUNICATION UNION

Telecommunication Standardization Bureau



Geneva, 16 February 2012

Ref: **TSB AAP-76** – To Administrations of Member States of the Union;  
AAP/MJ – To ITU-T Sector Members;  
– To ITU-T Associates

Tel: +41 22 730 5860

Fax: +41 22 730 5853

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,

Malcolm Johnson  
Director of the Telecommunication Standardization Bureau

**Annexes: 3**

Place des Nations  
CH-1211 Geneva 20  
Switzerland

Telephone +41 22 730 51 11  
Telefax Gr3: +41 22 733 72 56  
Gr4: +41 22 730 65 00

Telex 421 000 uit ch  
E-mail: [itumail@itu.int](mailto:itumail@itu.int)  
Telegram ITU GENEVE

Web page:  
[www.itu.int](http://www.itu.int)

## **Annex 1**

(to TSB AAP-76)

### **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 5 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="#">L.1410 (L.GNS)</a>	Methodology for environmental impact assessment of information and communication technologies goods, networks and services	2011-10-16	2011-11-12	LJ	AR	2012-02-16	2012-03-07			AR
<a href="#">L.1420 (L.ORG)</a>	Methodology for energy consumption and greenhouse gas emissions impact assessment of Information and Communication Technologies in organizations	2011-10-16	2011-11-12	LJ	AR	2012-01-16	2012-02-05	AC		AC

**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="#">Q.3303.3 v2</a> <a href="#">(Q.RwDiameterV2)</a>	Resource control protocol no.3 (rcp3) Protocol at the interface between Policy Decision Physical Entity (PD-PE) and Policy Enforcement Physical Entity (PE-PE) (Rw interface): Diameter Profile version 2	2011-11-01	2011-11-28	LJ	AR	2012-01-16	2012-02-05	AC		AC

**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.664</a>	Optical safety procedures and requirements for optical transport systems	2012-01-16	2012-02-12	A						A
<a href="#">G.671</a>	Transmission characteristics of optical components and subsystems	2012-01-16	2012-02-12	A						A
<a href="#">G.694.1</a>	Spectral Grids for WDM Applications: DWDM Frequency Grid	2012-01-16	2012-02-12	A						A
<a href="#">G.697</a>	Optical monitoring for dense wavelength division multiplexing systems	2012-01-16	2012-02-12	A						A
<a href="#">G.698.3 (G.sdapp)</a>	Multichannel seeded DWDM applications with single-channel optical interfaces	2012-01-16	2012-02-12	A						A
<a href="#">G.709/Y.1331</a>	Interfaces for the Optical Transport Network (OTN)	2012-01-16	2012-02-12	LJ						LJ
<a href="#">G.783 (2006) Amd.3</a>	Characteristics of Synchronous Digital Hierarchy (SDH) Equipment Functional Blocks: Amendment 3	2012-01-16	2012-02-12	LJ						LJ
<a href="#">G.798 (2010) Amd.2</a>	Characteristics of optical transport network hierarchy equipment functional blocks: Amendment 2	2012-01-16	2012-02-12	LJ						LJ
<a href="#">G.798 (2010) Cor.2</a>	Characteristics of optical transport network hierarchy equipment functional blocks: Corrigendum 2	2012-01-16	2012-02-12	A						A
<a href="#">G.800</a>	Unified functional architecture of transport networks	2012-01-16	2012-02-12	A						A
<a href="#">G.806</a>	Characteristics of Transport Equipment - Description Methodology and Generic Functionality	2012-01-16	2012-02-12	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.808.1 (2010) Amd.1</a>	Generic Protection Switching - Linear Trail and Subnetwork Protection: Amendment 1	2012-01-16	2012-02-12	LJ						LJ
<a href="#">G.870/Y.1352</a>	Terms and definitions for Optical Transport Networks (OTN)	2012-01-16	2012-02-12	A						A
<a href="#">G.873.2</a>	Optical Transport Network (OTN) - Ring Protection	2012-01-16	2012-02-12	LJ						LJ
<a href="#">G.874 (2010) Amd.1</a>	Management aspects of optical transport network elements: Amendment 1	2012-01-16	2012-02-12	LJ						LJ
<a href="#">G.959.1</a>	Optical transport networks physical layer interfaces	2012-01-16	2012-02-12	A						A
<a href="#">G.984.1 (2008) Amd.2</a>	Gigabit-capable Passive Optical Networks (GPON): General characteristics: Amendment 2	2012-01-16	2012-02-12	LJ						LJ
<a href="#">G.984.3 (2008) Amd.3</a>	Gigabit-capable Passive Optical Networks (GPON): Transmission convergence layer specification - Amendment 3	2012-01-16	2012-02-12	LJ						LJ
<a href="#">G.984.6 (2008) Amd.2</a>	Gigabit-capable Passive Optical Networks (GPON): Reach extender (RE) units - Amendment 2	2012-01-16	2012-02-12	LJ						LJ
<a href="#">G.987.1 (2010) Amd.1</a>	10Gigabit-capable Passive Optical Networks (XG-PON): General Requirements: Amendment 1	2012-01-16	2012-02-12	LJ						LJ
<a href="#">G.987.2 (2010) Amd.1</a>	10-Gigabit-capable passive optical networks (XG-PON): Physical media dependent (PMD) layer specification: Amendment 1	2012-01-16	2012-02-12	A						A
<a href="#">G.987.3 (2010) Amd.1 (G.xgpon.3)</a>	10-Gigabit-capable passive optical networks (XG-PON): Transmission convergence (TC) specifications: Amendment 1	2012-01-16	2012-02-12	LJ						LJ
<a href="#">G.987.4 (G.xgpon.re)</a>	10-Gigabit-capable Passive Optical Networks (XG-PON): Reach extension	2012-01-16	2012-02-12	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.988 (2010) Amd.2</a>	ONU management and control interface (OMCI): Amendment 2	2012-01-16	2012-02-12	LJ						LJ
<a href="#">G.993.2 (2011) Amd.1</a>	Very high speed digital subscriber line transceivers 2 (VDSL2): Amendment 1	2012-01-16	2012-02-12	LJ						LJ
<a href="#">G.996.2 (2009) Amd.2 (G.lt Amd.1)</a>	Line Testing for Digital Subscriber Lines (DSL): Amendment 2	2012-01-16	2012-02-12	LJ						LJ
<a href="#">G.997.1 (2009) Amd.5</a>	Physical layer management for digital subscriber line (DSL) transceivers: Amendment 5	2012-01-16	2012-02-12	LJ						LJ
<a href="#">G.998.4 (2010) Amd.2</a>	Improved impulse noise protection for DSL transceivers: Amendment 2	2012-01-16	2012-02-12	LJ						LJ
<a href="#">G.7041/Y.1303 (2011) Amd.1</a>	Generic Framing Procedure (GFP): Amendment 1	2012-01-16	2012-02-12	A						A
<a href="#">G.7044/Y.1347 (2011) Amd.1 (G.hao)</a>	Hitless Adjustment of ODUflex(GFP) (HAO): Amendment 1	2012-01-16	2012-02-12	A						A
<a href="#">G.7710/Y.1701</a>	Common equipment management function requirements	2012-01-16	2012-02-12	A						A
<a href="#">G.7714/Y.1705 (2005) Amd.1</a>	Generalized Automatic Discovery Techniques: Amendment 1	2012-01-16	2012-02-12	A						A
<a href="#">G.8001/Y.1354</a>	Terms and definitions for Ethernet frames over Transport	2012-01-16	2012-02-12	LJ						LJ
<a href="#">G.8013/Y.1731 (2011) Amd.1</a>	OAM functions and mechanisms for Ethernet based networks: Amendment 1	2012-01-16	2012-02-12	LJ						LJ
<a href="#">G.8021/Y.1341</a>	Characteristics of Ethernet transport network equipment functional blocks	2012-01-16	2012-02-12	LJ						LJ
<a href="#">G.8031/Y.1342 (2011) Cor.1</a>	Ethernet linear protection switching: Corrigendum 1	2012-01-16	2012-02-12	A						A
<a href="#">G.8032/Y.1344</a>	Ethernet Ring Protection Switching	2012-01-16	2012-02-12	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.8080/Y.1304 (G.ason)</a>	Architecture for the automatically switched optical network (ASON)	2012-01-16	2012-02-12	LJ						LJ
<a href="#">G.8081/Y.1353</a>	Terms and definitions for Automatically Switched Optical Networks (ASON)	2012-01-16	2012-02-12	LJ						LJ
<a href="#">G.8121/Y.1381</a>	Characteristics of MPLS-TP Network Equipment Functional Blocks	2012-01-16	2012-02-12	LJ						LJ
<a href="#">G.8151/Y.1374</a>	Management aspects of the MPLS-TP network element	2012-01-16	2012-02-12	LJ						LJ
<a href="#">G.8251 (2010) Amd.2</a>	The control of jitter and wander within the optical transport network (OTN): Amendment 2	2012-01-16	2012-02-12	LJ						LJ
<a href="#">G.8251 (2010) Cor.1</a>	The control of jitter and wander within the optical transport network (OTN): Corrigendum 1	2012-01-16	2012-02-12	A						A
<a href="#">G.8260</a>	Definitions and terminology for synchronization in packet networks	2012-01-16	2012-02-12	A						A
<a href="#">G.8261.1/Y.1361.1</a>	Packet Delay Variation Network Limits applicable to Packet Based Methods (Frequency Synchronization)	2012-01-16	2012-02-12	LJ						LJ
<a href="#">G.8262/Y.1362 (2010) Amd.1</a>	Timing characteristics of a synchronous Ethernet equipment slave clock (EEC): Amendment 1	2012-01-16	2012-02-12	A						A
<a href="#">G.8263/Y.1363 (G.paclock-bis)</a>	Timing characteristics of packet based equipment clocks (PEC) and packet based service clocks (PSC)	2012-01-16	2012-02-12	LJ						LJ
<a href="#">G.8264/Y.1364 (2008) Amd.2 (G.pacmod)</a>	Distribution of timing information through packet networks: Amendment 2	2012-01-16	2012-02-12	A						A
<a href="#">G.8264/Y.1364 (2008) Cor.2 (G.pacmod)</a>	Distribution of timing information through packet networks: Corrigendum 2	2012-01-16	2012-02-12	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.8271/Y.1366 (G.pactiming-bis)</a>	Time and phase synchronization aspects of packet networks	2012-01-16	2012-02-12	LJ						LJ
<a href="#">G.9956 (2011) Cor.1 (G.hnem)</a>	Narrow-band OFDM power line communication transceivers - Data link layer specification: Corrigendum 1	2012-01-16	2012-02-12	LJ						LJ
<a href="#">G.9959 (ex. G.wnb)</a>	Wireless narrow-band networks	2012-01-16	2012-02-12	A						A
<a href="#">L.89 (L.aid, L.dwpj)</a>	Design of suspension wires, telecommunication poles and guy-lines for optical access networks	2012-01-16	2012-02-12	LJ						LJ
<a href="#">L.90 (L.oanbs)</a>	Optical Access Networks topologies for Broadband Services	2012-01-16	2012-02-12	A						A
<a href="#">O.173</a>	Jitter measuring equipment for digital systems which are based on the Optical Transport Network (OTN)	2012-01-16	2012-02-12	A						A
<a href="#">O.174 (2009) Cor.2</a>	Jitter and wander measuring equipment for digital systems which are based on synchronous Ethernet technology: Corrigendum 2	2012-01-16	2012-02-12	A						A

**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	
<a href="#">H.248.12</a>	Gateway control protocol: H.248.1 packages for H.323 and H.324 interworking	2012-01-16	2012-02-12	A						A
<a href="#">H.248.34</a>	Gateway control protocol: Stimulus analogue line package	2012-01-16	2012-02-12	A						A
<a href="#">H.248.48</a> <a href="#">(H.248.QHR)</a>	Gateway control protocol: RTCP XR block reporting package	2012-01-16	2012-02-12	A						A
<a href="#">H.248.50 Cor.1</a>	Gateway control protocol: NAT traversal toolkit packages: Corrections and clarification	2012-01-16	2012-02-12	A						A
<a href="#">H.248.79</a> <a href="#">(H.248.PACKETS)</a>	Gateway control protocol: Guidelines for packet-based streams	2012-01-16	2012-02-12	A						A
<a href="#">H.248.83</a> <a href="#">(H.248.MGINST)</a>	Gateway control protocol: Media gateway Instance Package	2012-01-16	2012-02-12	A						A
<a href="#">H.641 (H.SNMF)</a>	SNMP-based sensor network management framework	2012-01-16	2012-02-12	A						A

## Annex 2

(to TSB AAP-76)

### 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

**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\*:**

**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 reprocessible 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>

### Annex 3

(to TSB AAP-76)

#### 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.