



Geneva, 16 April 2017

Ref: **TSB AAP-10** – To Administrations of Member States of the Union;  
AAP/CL – 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,

Chaesub Lee  
Director of the Telecommunication Standardization Bureau

**Annexes: 3**

Annex 1

(to TSB AAP-10)

**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>
SG 20	<a href="http://www.itu.int/ITU-T/studygroups/com20">http://www.itu.int/ITU-T/studygroups/com20</a>	<a href="mailto:tsbsg20@itu.int">tsbsg20@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.1331 (L.mnee)</a>	Assessment of mobile network energy efficiency ( <a href="#">Summary</a> )	2016-11-16	2016-12-13	LJ	AR	2017-03-16	2017-04-05	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.994.1 (2012) Amd.8</a>	Handshake procedures for digital subscriber line transceivers: Amendment 8 ( <a href="#">Summary</a> )	2016-10-01	2016-10-28	LJ	AR	2017-03-16	2017-04-05	AC		AC
<a href="#">G.997.2 (2015) Amd.3</a>	Physical layer management for G.fast transceivers: Amendment 3 ( <a href="#">Summary</a> )	2016-10-01	2016-10-28	LJ	AR	2017-03-16	2017-04-05	AC		AC
<a href="#">G.9701 (2014) Amd.3</a>	Fast access to subscriber terminals (G.fast) - Physical layer specification: Amendment 3 ( <a href="#">Summary</a> )	2016-10-01	2016-10-28	LJ	AR	2017-03-16	2017-04-05	AC		AC
<a href="#">G.9701 (2014) Cor.3</a>	Fast access to subscriber terminals (G.fast) - Physical layer specification: Corrigendum 3 ( <a href="#">Summary</a> )	2016-10-01	2016-10-28	LJ	AR	2017-03-16	2017-04-05	AC		AC

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.264 (V12)</a>	Advanced video coding for generic audiovisual services ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	A						A
<a href="#">H.821</a>	Conformance of ITU-T H.810 personal health system: Healthcare information system interface ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	A						A
<a href="#">H.830.1</a>	Conformance of ITU-T H.810 personal health system: Services interface Part 1: Web services interoperability: Health & Fitness Service Sender ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	A						A
<a href="#">H.830.10</a>	Conformance of ITU-T H.810 personal health system: Services interface Part 10: hData Observation Upload: Health & Fitness Service Receiver ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	A						A
<a href="#">H.830.11</a>	Conformance of ITU-T H.810 personal health system: Services interface Part 11: Questionnaires: Health & Fitness Service Sender ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	A						A
<a href="#">H.830.12</a>	Conformance of ITU-T H.810 personal health system: Services interface Part 12: Questionnaires: Health & Fitness Service Receiver ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	A						A
<a href="#">H.830.2</a>	Conformance of ITU-T H.810 personal health system: Services interface Part 2: Web services interoperability: Health & Fitness Service Receiver ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	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="#">H.830.3</a>	Conformance of ITU-T H.810 personal health system: Services interface Part 3: SOAP/ATNA: Health & Fitness Service Sender ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	A						A
<a href="#">H.830.4</a>	Conformance of ITU-T H.810 personal health system: Services interface Part 4: SOAP/ATNA: Health & Fitness Service Receiver ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	A						A
<a href="#">H.830.5</a>	Conformance of ITU-T H.810 personal health system: Services interface Part 5: PCD-01 HL7 Messages: Health & Fitness Service Sender ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	A						A
<a href="#">H.830.6</a>	Conformance of ITU-T H.810 personal health system: Services interface Part 6: PCD-01 HL7 Messages: Health & Fitness Service Receiver ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	A						A
<a href="#">H.830.7</a>	Conformance of ITU-T H.810 personal health system: Services interface Part 7: Consent Management: Health & Fitness Service Sender ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	A						A
<a href="#">H.830.8</a>	Conformance of ITU-T H.810 personal health system: Services interface Part 8: Consent Management: Health & Fitness Service Receiver ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	A						A
<a href="#">H.830.9</a>	Conformance of ITU-T H.810 personal health system: Services interface Part 9: hData Observation Upload: Health & Fitness Service Sender ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	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="#">H.840</a>	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface: USB host ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	A						A
<a href="#">H.841</a>	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 1: Optimized Exchange Protocol: Personal Health Device ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	A						A
<a href="#">H.842</a>	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 2: Optimized Exchange Protocol: Personal Health Gateway ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	A						A
<a href="#">H.843</a>	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 3: Continua Design Guidelines: Personal Health Device ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	A						A
<a href="#">H.844</a>	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 4: Continua Design Guidelines: Personal Health Gateway ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	A						A
<a href="#">H.845.1</a>	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5A: Weighing scales ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	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="#">H.845.10</a>	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5I: Insulin Pump ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	A						A
<a href="#">H.845.11</a>	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5K: Peak expiratory flow monitor ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	A						A
<a href="#">H.845.12</a>	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5L: Body composition analyser ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	A						A
<a href="#">H.845.13</a>	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5M: Basic electrocardiograph ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	A						A
<a href="#">H.845.14</a>	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5N: International normalized ratio ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	A						A
<a href="#">H.845.15</a>	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5O: Sleep apnoea breathing therapy equipment ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	A						A
<a href="#">H.845.16</a>	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5P: Continuous glucose monitor ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	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="#">H.845.2</a>	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5B: Glucose meter ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	A						A
<a href="#">H.845.3</a>	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5C: Pulse oximeter ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	A						A
<a href="#">H.845.4</a>	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5D: Blood pressure monitor ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	A						A
<a href="#">H.845.5</a>	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5E: Thermometer ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	A						A
<a href="#">H.845.6</a>	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5F: Cardiovascular fitness and activity monitor ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	A						A
<a href="#">H.845.7</a>	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5G: Strength fitness equipment ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	A						A
<a href="#">H.845.8</a>	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5H: Independent living activity hub ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	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="#">H.845.9</a>	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5I: Adherence monitor ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	A						A
<a href="#">H.847</a>	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 7: Continua Design Guidelines for Bluetooth Low Energy: Personal Health Devices ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	A						A
<a href="#">H.848</a>	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 8: Continua Design Guidelines for Bluetooth Low Energy: Personal Health Gateway ( <a href="#">Summary</a> )	2017-03-16	2017-04-12	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	
<a href="#">X.680 (2015) Cor.1</a> <a href="#">(X.680 (2015) Cor.1)</a>	Information technology - Abstract Syntax Notation One (ASN.1): Specification of basic notation - Technical Corrigendum 1 ( <a href="#">Summary</a> )	2017-04-16	2017-05-13							LC
<a href="#">X.696 (2015) Cor.1</a> <a href="#">(X.696 (2015) Cor.1)</a>	Information technology - ASN.1 encoding rules: Specification of Octet Encoding Rules (OER) - Technical Corrigendum 1 ( <a href="#">Summary</a> )	2017-04-16	2017-05-13							LC
<a href="#">X.1145 (X.websec-6)</a>	Security framework and requirements for open capabilities of telecommunication services ( <a href="#">Summary</a> )	2017-04-16	2017-05-13							LC



Annex 2

(to TSB AAP-10)

Using the on-line comment submission form

Comment submission

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

- 2) 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	
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

**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	

**Submit Comment**

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 reprocessable 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>

(to TSB AAP-10)

**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.*