



Geneva, 16 October 2016

Ref: **TSB AAP-90** – To Administrations of Member States of the Union;
AAP/CL – 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,

Chaesub Lee
Director of the Telecommunication Standardization Bureau

Annexes: 3

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	http://www.itu.int/ITU-T/studygroups/com02	tsbsg2@itu.int
SG 3	http://www.itu.int/ITU-T/studygroups/com03	tsbsg3@itu.int
SG 5	http://www.itu.int/ITU-T/studygroups/com05	tsbsg5@itu.int
SG 9	http://www.itu.int/ITU-T/studygroups/com09	tsbsg9@itu.int
SG 11	http://www.itu.int/ITU-T/studygroups/com11	tsbsg11@itu.int
SG 12	http://www.itu.int/ITU-T/studygroups/com12	tsbsg12@itu.int
SG 13	http://www.itu.int/ITU-T/studygroups/com13	tsbsg13@itu.int
SG 15	http://www.itu.int/ITU-T/studygroups/com15	tsbsg15@itu.int
SG 16	http://www.itu.int/ITU-T/studygroups/com16	tsbsg16@itu.int
SG 17	http://www.itu.int/ITU-T/studygroups/com17	tsbsg17@itu.int
SG 20	http://www.itu.int/ITU-T/studygroups/com20	tsbsg20@itu.int

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	
L.1002 (L.UPA portable)	External universal power adapter solutions for portable information and communication technology devices (Summary)	2016-04-16	2016-05-13	LJ	AR	2016-08-16	2016-09-05	SG		AC
L.1350 (L.RBS assessment)	Energy efficiency metric of base station site (Summary)	2016-06-01	2016-06-28	LJ	AR	2016-09-16	2016-10-06	A		A
L.1603 (L.KPIs-SSC-SDGs (L.KPI for SSC to reach)	Key performance indicators for smart sustainable cities to assess the achievement of sustainable development goals (Summary)	2016-08-01	2016-08-28	LJ	AR	2016-09-16	2016-10-06	A		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	
J.94	Service information for digital broadcasting in cable television systems (Summary)	2016-09-16	2016-10-13	A						A
J.196.2 (HiNoC2-phy)	Physical layer specification of second generation HiNoC (Summary)	2016-09-16	2016-10-13	A						A
J.196.3 (J.HiNoC2-mac)	Media Access Control (MAC) layer specification of second generation HiNoC (Summary)	2016-09-16	2016-10-13	A						A
J.223.2 (J.C-DOCSIS-spec)	Cabinet DOCSIS (C-DOCSIS) System Specification (Summary)	2016-09-16	2016-10-13	A						A
J.230	Requirements for platform functionalities on the integration of cable STB and companion devices including mobile second screen devices (Summary)	2016-09-16	2016-10-13	A						A
J.297 (J.4kstb)	Requirements and functional specification of cable set top box for 4K ultra high definition television (Summary)	2016-09-16	2016-10-13	AR		2016-10-16	2016-11-05			AR
J.302 (J.arstv-spec)	System Specifications of Augmented Reality Smart Television Service (Summary)	2016-09-16	2016-10-13	A						A
J.1006 (J.ipvdrm)	Specification of IP-VOD DRM for cable television multiscreen system in Multi-DRM environment (Summary)	2016-09-16	2016-10-13	A						A
J.1104 (J.vodoc-cont)	Control specification for IP-based switched digital video using Data Over Cable Service Interface Specifications (Summary)	2016-09-16	2016-10-13	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	
J.1105 (J.chswt-req)	Requirement of channel switching service over Hybrid Fiber and Coaxial based network (Summary)	2016-09-16	2016-10-13	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	
G.652	Characteristics of a single-mode optical fibre cable (Summary)	2016-10-16	2016-11-12							LC
G.654	Characteristics of a cut-off shifted single-mode optical fibre and cable (Summary)	2016-10-16	2016-11-12							LC
G.657	Characteristics of a bending-loss insensitive single-mode optical fibre and cable (Summary)	2016-10-16	2016-11-12							LC
G.697	Optical monitoring for dense wavelength division multiplexing systems (Summary)	2016-10-16	2016-11-12							LC
G.709.1/Y.1331.1	Flexible OTN short-reach interface (Summary)	2016-10-16	2016-11-12							LC
G.709/Y.1331 (2016) Amd.1	Interfaces for the Optical Transport Network (OTN): Amendment 1 (Summary)	2016-10-16	2016-11-12							LC
G.798 (2012) Amd.3	Characteristics of optical transport network hierarchy equipment functional blocks: Amendment 3 (Summary)	2016-10-16	2016-11-12							LC
G.808	Terminology for protection and restoration (Summary)	2016-10-16	2016-11-12							LC
G.813 (2003) Cor.2	Timing characteristics of SDH equipment slave clocks (SEC)- Corrigendum 2 (Summary)	2016-10-16	2016-11-12							LC
G.870/Y.1352	Terms and definitions for optical transport networks (Summary)	2016-10-16	2016-11-12							LC
G.872	Architecture of optical transport networks (Summary)	2016-10-16	2016-11-12							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	
G.874.1	Optical transport network (OTN): Protocol-neutral management information model for the network element view (Summary)	2016-10-16	2016-11-12							LC
G.971	General features of optical fibre submarine cable systems (Summary)	2016-10-16	2016-11-12							LC
G.972	Definition of terms relevant to optical fibre submarine cable systems (Summary)	2016-10-16	2016-11-12							LC
G.973	Characteristics of repeaterless optical fibre submarine cable systems (Summary)	2016-10-16	2016-11-12							LC
G.979	Characteristics of monitoring systems for optical submarine cable systems (Summary)	2016-10-16	2016-11-12							LC
G.989.3 (2015) Amd.1 (G.ngpon2.3)	Draft Amendment 1 to Recommendation ITU-T G.989.3 (2015) (Summary)	2016-10-16	2016-11-12							LC
G.993.2 (2015) Cor.1	Very high speed digital subscriber line transceivers 2 (VDSL2): Corrigendum 1 (Summary)	2016-10-16	2016-11-12							LC
G.993.5 (2015) Amd.1	Self-FEXT cancellation (vectoring) for use with VDSL2 transceivers: Amendment 1 (Summary)	2016-10-16	2016-11-12							LC
G.993.5 (2015) Cor.1	Self-FEXT cancellation (vectoring) for use with VDSL2 transceivers: Corrigendum 1 (Summary)	2016-10-16	2016-11-12							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	
G.997.1 (2012) Cor.1	Physical layer management for digital subscriber line transceivers - Corrigendum 1 (Summary)	2016-10-16	2016-11-12							LC
G.7701 (G.cca)	Common Control Aspects (Summary)	2016-10-16	2016-11-12							LC
G.7710/Y.1701 (2012) Amd.1	Common equipment management function requirements: Amendment 1 (Summary)	2016-10-16	2016-11-12							LC
G.7711/Y.1702	Generic protocol-neutral information model for transport resources (Summary)	2016-10-16	2016-11-12							LC
G.8011/Y.1307	Ethernet service characteristics (Summary)	2016-10-16	2016-11-12							LC
G.8012/Y.1308 (2004) Amd.2	Ethernet UNI and Ethernet over Transport NNI: Amendment 2 (Summary)	2016-10-16	2016-11-12							LC
G.8021/Y.1341	Characteristics of Ethernet transport network equipment functional blocks (Summary)	2016-10-16	2016-11-12							LC
G.8032/Y.1344 (2015) Amd.1	Ethernet ring protection switching: Amendment 1 (Summary)	2016-10-16	2016-11-12							LC
G.8052/Y.1346	Protocol-neutral management information model for the Ethernet Transport capable network element (Summary)	2016-10-16	2016-11-12							LC
G.8101/Y.1355	Terms and definitions for MPLS transport profile (Summary)	2016-10-16	2016-11-12							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	
G.8113.1/Y.1372.1 (2016) Cor.1	Operations, administration and maintenance mechanisms for MPLS-TP in packet transport network - Corrigendum 1 (Summary)	2016-10-16	2016-11-12							LC
G.8121.1/Y.1381.1 (2016) Cor.1	Characteristics of MPLS-TP equipment functional blocks supporting ITU-T G.8113.1/Y.1372.1 OAM mechanisms - Corrigendum 1 (Summary)	2016-10-16	2016-11-12							LC
G.8121.2/Y.1381.2 (2016) Cor.1	Characteristics of MPLS-TP equipment functional blocks supporting ITU-T G.8113.2/Y.1372.2 OAM mechanisms - Corrigendum 1 (Summary)	2016-10-16	2016-11-12							LC
G.8121/Y.1381 -Cor.1	Characteristics of MPLS-TP equipment functional blocks. Corrigendum 1 (Summary)	2016-10-16	2016-11-12							LC
G.8131/Y.1382 (2014) Amd.2	Linear protection switching for MPLS transport profile (MPLS-TP): Amendment 2 (Summary)	2016-10-16	2016-11-12							LC
G.8152/Y.1375	Protocol-neutral management information model for the MPLS-TP network element (Summary)	2016-10-16	2016-11-12							LC
G.8262/Y.1362 (2015) Cor.1	Timing characteristics of a synchronous Ethernet equipment slave clock (EEC)- Corrigendum 1 (Summary)	2016-10-16	2016-11-12							LC
G.8266/Y.1376	Timing characteristics of telecom grandmaster clocks for frequency synchronization (Summary)	2016-10-16	2016-11-12							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	
G.8272.1/Y.1367.1	Timing characteristics of enhanced primary reference time clocks (Summary)	2016-10-16	2016-11-12							LC
G.8273.2/Y.1368.2	Timing characteristics of telecom boundary clocks and telecom time slave clocks (Summary)	2016-10-16	2016-11-12							LC
G.9905 (2013) Amd.1	Centralized metric-based source routing - Amendment 1 (Summary)	2016-10-16	2016-11-12							LC
G.9960 (2015) Cor.3	Unified high-speed wireline-based home networking transceivers - System architecture and physical layer specification: Corrigendum 3 (Summary)	2016-10-16	2016-11-12							LC
G.9961 (2015) Cor.3	Unified high-speed wireline-based home networking transceivers - Data link layer specification: Corrigendum 3 (Summary)	2016-10-16	2016-11-12							LC
G.9962 (2014) Cor.1	Unified high-speed wireline-based home networking transceivers - Management specification: Corrigendum 1 (Summary)	2016-10-16	2016-11-12							LC
L.155 (ex.L83)	Low-impact trenching technique for FTTx networks (Summary)	2016-10-16	2016-11-12							LC
L.162 (L.coi)	Microduct technology and its applications (Summary)	2016-10-16	2016-11-12							LC

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	
H.264 (V11)	Advanced video coding for generic audiovisual services (Summary)	2016-09-16	2016-10-13	A						A
H.273 (H.STI)	Coding-independent code points for video signal type identification (Summary)	2016-10-16	2016-11-12							LC

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.500 (X.500 (eighth edition))	Information technology - Open Systems Interconnection - The Directory: Overview of concepts, models and services (Summary)	2016-09-16	2016-10-13	A						A
X.501 (X.501 (eighth edition))	Information technology - Open Systems Interconnection - The Directory: Models (Summary)	2016-09-16	2016-10-13	A						A
X.509 (2012) Cor.3 (X.509 (2012) Cor.3)	Information technology - Open Systems Interconnection - The Directory: Public-key and attribute certificate frameworks - Technical Corrigendum 3 (Summary)	2016-09-16	2016-10-13	A						A
X.509 (X.509 (eighth edition))	Information technology - Open Systems Interconnection - The Directory: Public-key and attribute certificate frameworks (Summary)	2016-09-16	2016-10-13	A						A
X.511 (X.511 (eighth edition))	Information technology - Open Systems Interconnection - The Directory: Abstract service definition (Summary)	2016-09-16	2016-10-13	A						A
X.518 (X.518 (eighth edition))	Information technology - Open Systems Interconnection - The Directory: Procedures for distributed operation (Summary)	2016-09-16	2016-10-13	A						A
X.519 (X.519 (eighth edition))	Information technology - Open Systems Interconnection - The Directory: Protocols specifications (Summary)	2016-09-16	2016-10-13	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.520 (X.520 (eighth edition))	Information technology - Open Systems Interconnection - The Directory: Selected attribute types (Summary)	2016-09-16	2016-10-13	A						A
X.521 (X.521 (eighth edition))	Information technology - Open Systems Interconnection - The Directory: Selected object classes (Summary)	2016-09-16	2016-10-13	A						A
X.525 (X.525 (eighth edition))	Information technology - Open Systems Interconnection - The Directory: Replication (Summary)	2016-09-16	2016-10-13	A						A
X.691 (2015) Cor.1 (X.691 (2015) Cor.1)	Information technology - Specification of Packed Encoding Rules (PER) - Technical Corrigendum 1 (Summary)	2016-09-16	2016-10-13	A						A
X.1038 (X.sdnsec-2)	Security requirements and reference architecture for software-defined networking (Summary)	2016-09-16	2016-10-13	A						A
X.1039 (X.1039 (X.tigsc))	Technical security measures for implementation of ITU-T X.805 security dimensions (Summary)	2016-09-16	2016-10-13	A						A
X.1085 (X.bhsm)	Information technology - Security techniques - Telebiometric authentication framework using biometric hardware security module (Summary)	2016-09-16	2016-10-13	A						A
X.1087 (X.tam)	Technical and operational countermeasures for telebiometric applications using mobile devices (Summary)	2016-09-16	2016-10-13	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	
Z.109 (Z.109)	Specification and Description Language - Unified modeling language profile for SDL-2010 (Summary)	2016-09-16	2016-10-13	A						A
Z.161 (Z.161 (2016))	Testing and Test Control Notation version 3: TTCN-3 core language (Summary)	2016-09-16	2016-10-13	A						A
Z.164 (Z.164 (2016))	Testing and Test Control Notation version 3: TTCN-3 operational semantics (Summary)	2016-09-16	2016-10-13	A						A
Z.166 (Z.166 (2016))	Testing and Test Control Notation version 3: TTCN-3 control interface (TCI) (Summary)	2016-09-16	2016-10-13	A						A
Z.169 (Z.169 (2016))	Testing and Test Control Notation version 3: Using XML schema with TTCN-3 (Summary)	2016-09-16	2016-10-13	A						A

Annex 2

(to TSB AAP-90)

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
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

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	
LC Text									
LC Summary									
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-90)

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.