



Geneva, 16 December 2017

Ref: **TSB AAP-26** – 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

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

(to TSB AAP-26)

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 2 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	
M.1400 (04/2015) Amd.1	Addition of new function codes for optical networks beyond 100 Gb/s (Summary)	2017-12-16	2018-01-12							LC
M.3071 (M.cbnmsa)	Cloud-based network management functional architecture (Summary)	2017-12-16	2018-01-12							LC
X.760 (X.mfsiwt - ex G.MRFT from SG12)	The measurement framework for the statistical indicators of website traffic (Summary)	2017-12-16	2018-01-12							LC

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	
K.35	Bonding configurations and earthing at remote electronic sites (Summary)	2017-12-16	2018-01-12							LC
K.40	Protection against LEMP in telecommunications centres (Summary)	2017-12-16	2018-01-12							LC
K.50	Safe limits for operating voltages and currents in telecommunication systems powered over the network (Summary)	2017-12-16	2018-01-12							LC
K.52	Guidance on complying with limits for human exposure to electromagnetic fields (Summary)	2017-12-16	2018-01-12							LC
K.61	Guidance on measurement and numerical prediction of electromagnetic fields for compliance with human exposure limits for telecommunication installations (Summary)	2017-12-16	2018-01-12							LC
K.70	Mitigation techniques to limit human exposure to EMFs in the vicinity of radiocommunication stations (Summary)	2017-12-16	2018-01-12							LC
K.91	Guidance for assessment, evaluation and monitoring of human exposure to radio frequency electromagnetic fields (Summary)	2017-12-16	2018-01-12							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	
K.100	Measurement of radio frequency electromagnetic fields to determine compliance with human exposure limits when a base station is put into service (Summary)	2017-12-16	2018-01-12							LC
K.128 (K.appl2)	Surge protective component application guide - metal oxide varistor (MOV) components (Summary)	2017-12-16	2018-01-12							LC
K.129 (K.pnj)	Characteristics and ratings of silicon PN junction voltage clamping components used for the protection of telecommunications installations (Summary)	2017-12-16	2018-01-12							LC
K.130 (K.soft_test)	Neutron irradiation test methods for telecommunications equipment (Summary)	2017-12-16	2018-01-12							LC
K.131 (K.soft_des)	Design methodologies for telecommunication systems applying soft error measures (Summary)	2017-12-16	2018-01-12							LC
K.132 (K.light)	EMC requirements of electromagnetic disturbances from lighting equipment located in telecommunication facilities (Summary)	2017-12-16	2018-01-12							LC
K.133 (K.bwenv)	Electromagnetic (EM) environment of body worn equipment in the 2.4 GHz and 13.56MHz industrial, scientific and medical band (Summary)	2017-12-16	2018-01-12							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	
L.1020 (L.CE ICT)	Circular Economy: Guide for Operators and Suppliers on approaches to migrate towards circular ICT goods and networks (Summary)	2017-12-16	2018-01-12							LC
L.1332 (L.NET Infra assessment)	Total network infrastructure energy efficiency metrics (Summary)	2017-12-16	2018-01-12							LC
L.1505 (L.ICT and FA)	Information and communication technology and adaptation of the fisheries sector to the effects of climate change (Summary)	2017-12-16	2018-01-12							LC
L.1506 (L.CCRisk)	Framework of climate change risk assessment for telecommunication and electrical facilities (Summary)	2017-12-16	2018-01-12							LC

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	
Q.1912.5	Interworking between Session Initiation Protocol (SIP) and Bearer Independent Call Control protocol or ISDN User Part (Summary)	2017-12-16	2018-01-12							LC
Q.3640 (Q.30xx VoLTE Interc connection_FW)	Framework of interconnection of VoLTE/ViLTE-based networks (Summary)	2017-12-16	2018-01-12							LC
Q.3714 (Q.SAN-MIM)	Signalling requirements of SDN-based access networks with media independent management capabilities (Summary)	2017-12-16	2018-01-12							LC
Q.3715 (Q.BNG-DBoD)	Signalling requirements for dynamic bandwidth adjustment on demand on broadband network gateway implemented by software-defined networking technologies (Summary)	2017-12-16	2018-01-12							LC
Q.3716 (Q.PVMapping)	Signalling Requirements for Mapping between Physical and Virtual Networks (Summary)	2017-12-16	2018-01-12							LC
Q.3740 (Q.SCO)	Signalling Requirements for SDN and NFV based Central Office services (Summary)	2017-12-16	2018-01-12							LC
Q.3914 (Q.CCP)	Set of parameters of cloud computing for monitoring (Summary)	2017-12-16	2018-01-12							LC
Q.3940	NGN/IMS interconnection tests between network operators at the IMS 'Ic' interface and NGN NNI / SIP-I (Summary)	2017-12-16	2018-01-12							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	
Q.3952 (Q.39 IoT_MN_test)	The architecture and facilities of Model network for IoT testing (Summary)	2017-12-16	2018-01-12							LC
Q.3953 (Q.VoLTE INT_TEST)	VoLTE/ViLTE interconnection testing for interworking and roaming scenarios (Summary)	2017-12-16	2018-01-12							LC
Q.4016	Testing specification of call establishment procedures based on SIP/SDP and ITU-T H.248 for a real-time fax over IP service (Summary)	2017-12-16	2018-01-12							LC
Q. 4041.1 (Q. infra-iop)	Cloud computing infrastructure capabilities interoperability testing - part 1: Interoperability testing between CSC and CSP (Summary)	2017-12-16	2018-01-12							LC
X.609.4 (X.mp2p-mspp)	Managed P2P communications: Multimedia streaming peer protocol (Summary)	2017-12-16	2018-01-12							LC
X.609.5 (X.mp2p-msomp)	Managed P2P communications: Multimedia streaming overlay management protocol (Summary)	2017-12-16	2018-01-12							LC

Situation concerning Study Group 13 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	
I.570	Public/Private ISDN Interworking (Summary)	2017-12-16	2018-01-12							LC
Y.2255 (Y.MC-VCC)	Voice and Video Call Continuity over LTE, Wi-Fi and 2G/3G (Summary)	2017-12-16	2018-01-12							LC
Y.2322 (Y.NGN-VCNMO-Arch)	The functional architecture of VCNMO (Virtualized Control Network entities Management and Orchestration) in NGN evolution (Summary)	2017-12-16	2018-01-12							LC
Y.2618 (Y.PTDN-M-interface)	M interface in Public packet Telecommunication Data Network (PTDN) (Summary)	2017-12-16	2018-01-12							LC
Y.3053 (Y.trustnet-fw)	Framework of trustworthy networking with trust-centric network domains (Summary)	2017-12-16	2018-01-12							LC
Y.3101 (Y.IMT2020-reqts)	Requirements of IMT-2020 network (Summary)	2017-12-16	2018-01-12							LC
Y.3130 (Y.FMC-REQ)	Requirements of IMT-2020 fixed mobile convergence (Summary)	2017-12-16	2018-01-12							LC
Y.3150 (Y.IMT2020-NetSoft)	High level technical characteristics of network softwarization for IMT-2020 (Summary)	2017-12-16	2018-01-12							LC
Y.3601 (Y.BigDataEX-reqts)	Big data - framework and requirements for data exchange (Summary)	2017-12-16	2018-01-12							LC
Y.3650 (Y.bDDN-fr)	Framework of big data driven networking (Summary)	2017-12-16	2018-01-12							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	
G.798	Characteristics of optical transport network hierarchy equipment functional blocks (Summary)	2017-07-16	2017-08-12	LJ	AR	2017-11-16	2017-12-06	AC		AC
G.993.2 (2015) Amd.3	Very high speed digital subscriber line transceivers 2 (VDSL2) - Amendment 3 (Summary)	2017-09-16	2017-10-13	LJ	SG					SG
G.993.5 (2015) Amd.2	Self-FEXT cancellation (vectoring) for use with VDSL2 transceivers: Amendment 2 (Summary)	2017-07-16	2017-08-12	LJ	AR	2017-11-16	2017-12-06	AC		AC
G.994.1 (2012) Amd.9	Handshake procedures for digital subscriber line transceivers: Amendment 9 (Summary)	2017-07-16	2017-08-12	LJ	AR	2017-11-16	2017-12-06	AC		AC
G.996.2 (2009) Amd.5	Single-ended line testing for digital subscriber lines (DSL): Amendment 5 (Summary)	2017-07-16	2017-08-12	LJ	AR	2017-11-16	2017-12-06	AC		AC
G.997.1 (2012) Amd.7	Physical layer management for digital subscriber line transceivers - Amendment 7 (Summary)	2017-07-16	2017-08-12	LJ	AR	2017-11-16	2017-12-06	AC		AC
G.997.2 (2015) Amd.4	Physical layer management for G.fast transceivers: Amendment 4 (Summary)	2017-07-16	2017-08-12	LJ	AR	2017-11-16	2017-12-06	AC		AC
G.9701 (2014) Amd.4	Fast access to subscriber terminals (G.fast) - Physical layer specification: Amendment 4 (Summary)	2017-07-16	2017-08-12	LJ	AR	2017-11-16	2017-12-06	AC		AC
G.9701 (2014) Cor.4	Fast access to subscriber terminals (G.fast) - Physical layer specification: Corrigendum 4 (Summary)	2017-07-16	2017-08-12	LJ	AR	2017-11-16	2017-12-06	AC		AC

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.9961 (2015) Amd.3	Unified high-speed wire-line based home networking transceivers - Data link layer specification: Amendment 3 (Summary)	2017-07-16	2017-08-12	LJ	SG					SG
G.9978 (G.996sa)	Secure admission in G.hn network (Summary)	2017-07-16	2017-08-12	LJ	SG					SG

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	
F.746.5 (H.LLS-FW)	Framework for language learning system based on speech/NLP technology (Summary)	2017-11-16	2017-12-13	A						A
F.746.6 (F.NRICNReqs)	Requirements for a name resolution service in information-centric networks (Summary)	2017-11-16	2017-12-13	A						A
G.722.2 Annex C	Wideband coding of speech at around 16 kbit/s using Adaptive Multi-Rate Wideband (AMR-WB): Fixed-point C-code (Summary)	2017-11-16	2017-12-13	A						A
G.722.2 Annex D	Wideband coding of speech at around 16 kbit/s using Adaptive Multi-Rate Wideband (AMR-WB): Digital test sequences (Summary)	2017-11-16	2017-12-13	A						A
H.222.0 (2017) Amd.1 (H.222.0 (2014) Amd.9)	Information technology - Generic coding of moving pictures and associated audio information: Systems: Ultra-low latency and 4k and higher resolution support for transport of JPEG 2000 video (Summary)	2017-11-16	2017-12-13	A						A
H.248.77	Gateway control protocol: Secure real-time transport protocol (SRTP) package and procedures (Summary)	2017-11-16	2017-12-13	A						A
H.550 (H.VGP-ARCH)	Architecture and functional entities of Vehicle Gateway Platforms (Summary)	2017-11-16	2017-12-13	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	
H.560 (G.V2A)	Communications interface between external applications and a Vehicle Gateway Platform (Summary)	2017-11-16	2017-12-13	A						A
H.626.2 (H.CSVS-Arch)	Architecture for cloud storage in visual surveillance (Summary)	2017-11-16	2017-12-13	A						A
H.724 (H.IPTV-TDES.5)	IPTV Terminal Device: Interworking-enabled model of multiple devices (Summary)	2017-11-16	2017-12-13	A						A
H.763.3 (H.IPTV-MAFR.13)	HTML for IPTV services (Summary)	2017-11-16	2017-12-13	A						A
H.782 (H.DS-META)	Digital signage: Metadata (Summary)	2017-11-16	2017-12-13	A						A
H.861.0 (H.MBI-PF)	Requirements on communication platform for multimedia brain information (Summary)	2017-11-16	2017-12-13	A						A

Situation concerning Study Group 20 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	
Y.4500.1 (Y.oneM2M.ARC)	oneM2M- Functional Architecture (Summary)	2017-10-01	2017-10-28	LJ	AR	2017-12-16	2018-01-12			AR

Annex 2

(to TSB AAP-26)

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

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-26)

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: We do not support this text. Reasons are given in the attachment.
(Choose as applicable) 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.*