



Geneva, 16 November 2022

Ref: **TSB AAP-17** – To Administrations of Member States of the Union;
AAP/CL – To ITU-T Sector Members;
– To ITU-T Associates;
Tel: +41 22 730 5860 – To ITU Academia
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 Recommendation ITU-T A.8 applies to Recommendations that 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.

Any member wishing to submit a comment relative to a Recommendation under AAP is encouraged to use the on-line AAP comment submission form available on the page of the Recommendation via <https://www.itu.int/ITU-T/aap> (see **Annex 2**). Alternatively, comments may 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-17)

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:

<https://www.itu.int/ITU-T>

Alternative approval process (AAP) welcome page:

<https://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:

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Study Group web pages and contacts:

SG 2	https://www.itu.int/ITU-T/studygroups/com02	tsbsg2@itu.int
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SG 9	https://www.itu.int/ITU-T/studygroups/com09	tsbsg9@itu.int
SG 11	https://www.itu.int/ITU-T/studygroups/com11	tsbsg11@itu.int
SG 12	https://www.itu.int/ITU-T/studygroups/com12	tsbsg12@itu.int
SG 13	https://www.itu.int/ITU-T/studygroups/com13	tsbsg13@itu.int
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SG 16	https://www.itu.int/ITU-T/studygroups/com16	tsbsg16@itu.int
SG 17	https://www.itu.int/ITU-T/studygroups/com17	tsbsg17@itu.int
SG 20	https://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.1481 (L.Connect2030)	Guidance on how to address Connect2030 targets on net abatement (Summary)	2022-10-01	2022-10-28	LJ	AR	2022-11-16	2022-12-06			AR

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	
Y.3812 (Y.QKDN-qos-ml-req)	Quantum key distribution networks - Requirements for machine learning based quality of service assurance (Summary)	2022-09-01	2022-09-28	LJ	AT					AT

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.709.1/Y.1331 (2018) Amd. 3	Flexible OTN short reach interfaces - Amendment 3 (Summary)	2022-10-16	2022-11-12	A						A
G.709.3/Y.1331.3 (2020) Amd. 1	Flexible OTN long reach interfaces - Amendment 1 (Summary)	2022-10-16	2022-11-12	A						A
G.709/Y.1331 (2020) Cor.2	Interfaces for the optical transport network -Corrigendum 2 (Summary)	2022-10-16	2022-11-12	A						A
G.781 (2020) Amd.1	Synchronization layer functions for frequency synchronization based on the physical layer - Amendment 1 (Summary)	2022-10-16	2022-11-12	A						A
G.781.1 (2022) Amd.1	Synchronization Layer Functions for packet-based networks - Amendment 1 (Summary)	2022-10-16	2022-11-12	A						A
G.806 (2012) Amd.1	Characteristics of transport equipment - Description methodology and generic functionality - Amendment 1 (Summary)	2022-10-16	2022-11-12	A						A
G.874 (2020) Amd.1	Management aspects of optical transport network elements - Amendment 1 (Summary)	2022-10-16	2022-11-12	A						A
G.987.2	10-Gigabit-capable passive optical networks (XG-PON): Physical media dependent (PMD) layer specification (Summary)	2022-10-16	2022-11-12	LJ						LJ
G.988	ONU management and control interface (OMCI) specification (Summary)	2022-10-16	2022-11-12	AT						AT

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.997.2 (2019) Cor.2	Physical layer management for G.fast transceivers: Corrigendum 2 (Summary)	2022-10-16	2022-11-12	A						A
G.997.3 (2021) Cor.1	Physical layer management for MGfast transceivers - Corrigendum 1 (Summary)	2022-10-16	2022-11-12	LJ						LJ
G.7703 (2021) Amd.1	Architecture for the automatically switched optical network – Amendment 1 (Summary)	2022-10-16	2022-11-12	A						A
G.7710/Y.1701 (2020) Amd.1	Common equipment management function requirements: Amendment 1 (Summary)	2022-10-16	2022-11-12	A						A
G.7716	Architecture of management and control operations (Summary)	2022-10-16	2022-11-12	A						A
G.7718/Y.1709 (2020) Amd.1	Framework for the management of management-control components and functions - Amendment 1 (Summary)	2022-10-16	2022-11-12	A						A
G.7721 (2018) Amd.1	Management requirement and information model for synchronization – Amendment 1 (Summary)	2022-10-16	2022-11-12	A						A
G.8052.1/Y.1346.1 (2021) Amd.1	Operation, administration, maintenance (OAM) management information and data models for the Ethernet-transport network element - Amendment 1 (Summary)	2022-10-16	2022-11-12	LJ						LJ
G.8121.1/Y.1381.1 (2018) Cor.1	Characteristics of MPLS-TP equipment functional blocks supporting ITU-T G.8113.1/Y.1372.1 OAM mechanisms - Corrigendum 1 (Summary)	2022-10-16	2022-11-12	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	
G.8121.2/Y.1381.2 (2018) Cor.1	Characteristics of MPLS-TP equipment functional blocks supporting ITU-T G.8113.2/Y.1372.2 OAM mechanisms - Corrigendum 1 (Summary)	2022-10-16	2022-11-12	A						A
G.8152.1/Y.1375.1 Amd.1	Operation, administration, maintenance (OAM) management information and data models for the MPLS-TP network element - Amendment 1 (Summary)	2022-11-16	2022-12-13							LC
G.8251	The control of jitter and wander within the optical transport network (OTN) (Summary)	2022-10-16	2022-11-12	A						A
G.8260	Definitions and terminology for synchronization in packet networks (Summary)	2022-10-16	2022-11-12	A						A
G.8262.1/Y.1362.1	Timing characteristics of enhanced synchronous equipment slave clock (Summary)	2022-10-16	2022-11-12	A						A
G.8265.1/Y.1365.1	Precision time protocol telecom profile for frequency synchronization (Summary)	2022-10-16	2022-11-12	A						A
G.8271.1/Y.1366.1	Network limits for time synchronization in packet networks with full timing support from the network (Summary)	2022-10-16	2022-11-12	A						A
G.8271.2/Y.1366.2 (2021) Amd.1	Network limits for time synchronization in packet networks with partial timing support from the network - Amendment 1 (Summary)	2022-10-16	2022-11-12	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	
G.8272/Y.1367 (2018) Amd.2	Timing characteristics of primary reference time clocks - Amendment 2 (Summary)	2022-10-16	2022-11-12	A						A
G.8273.2/Y.1368.2 (2020) Amd. 2	Timing characteristics of telecom boundary clocks and telecom time slave clocks for use with full timing support from the network - Amendment 2 (Summary)	2022-10-16	2022-11-12	A						A
G.8273.4/Y.1368.4 (2020) Amd.2	Timing Characteristics of Telecom Boundary Clocks and Telecom Time Slave Clocks for Use with Partial Timing Support from the Network - Amendment 2 (Summary)	2022-10-16	2022-11-12	A						A
G.8275.1/Y.1369.1	Precision time protocol telecom profile for phase/time synchronization with full timing support from the network (Summary)	2022-10-16	2022-11-12	A						A
G.8275.2/Y.1369.2	Precision time protocol telecom profile for phase/time synchronization with partial timing support from the network (Summary)	2022-10-16	2022-11-12	A						A
G.8275/Y.1369 (2020) Amd. 3	Architecture and requirements for packet-based time and phase distribution - Amendment 3 (Summary)	2022-10-16	2022-11-12	A						A
G.8321 (G.mtn-egpt)	Characteristics of Metro Transport Network equipment functional blocks (Summary)	2022-10-16	2022-11-12	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	
G.8350 (G.mtn-mgmt)	Management and control for metro transport network (Summary)	2022-10-16	2022-11-12	A						A
G.9701 (2019) Cor.3	Fast access to subscriber terminals (G.fast) - Physical layer specification: Corrigendum 3 (Summary)	2022-10-16	2022-11-12	LJ						LJ
G.9711 (2021) Cor.1	Multi-gigabit fast access to subscriber terminals (MGfast) Physical layer specification - Corrigendum 1 (Summary)	2022-10-16	2022-11-12	LJ						LJ
G.9802.1 (2021) Amd.1	Wavelength division multiplexed passive optical networks (WDM PON): General requirements - Amendment 1 (Summary)	2022-10-16	2022-11-12	LJ						LJ
G.9804.2 (2021) Amd.1	Higher Speed Passive Optical Networks - Common Transmission Convergence Layer Specification - Amendment 1 (Summary)	2022-10-16	2022-11-12	LJ						LJ
G.9804.3 (2021) Amd.1	50-Gigabit-capable passive optical networks (50G-PON): Physical media dependent (PMD) layer specification Amendment 1 (Summary)	2022-10-16	2022-11-12	LJ						LJ
G.9807.1	10-Gigabit-capable symmetric passive optical network (XGS-PON) (Summary)	2022-10-16	2022-11-12	LJ						LJ
G.9901 (2017) Cor.1	Narrowband orthogonal frequency division multiplexing power line communication transceivers – Power spectral density specification - Corrigendum 1 (Summary)	2022-10-16	2022-11-12	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	
G.9903 (2017) Amd.2	Narrowband orthogonal frequency division multiplexing power line communication transceivers for G3-PLC networks (Summary)	2022-10-16	2022-11-12	LJ						LJ
G.9903 (2017) Cor.1	Narrowband orthogonal frequency division multiplexing power line communication transceivers for G3-PLC networks - Corrigendum 1 (Summary)	2022-10-16	2022-11-12	LJ						LJ
G.9962 (2018) Amd.2	Unified high-speed wire-line based home networking transceivers - Management Specification: Amendment 2 (Summary)	2022-10-16	2022-11-12	LJ						LJ
L.109.1 (L.oehc)	Type II optical/electrical hybrid cables for access points and other terminal equipment (Summary)	2022-10-16	2022-11-12	A						A
L.210 (L.ncip)	Requirements for passive optical nodes: optical wall outlets and extender boxes (Summary)	2022-10-16	2022-11-12	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	
F.742.1 (F.SCAI)	Requirements for smart class based on artificial intelligence (Summary)	2022-11-16	2022-12-13							LC
F.743.18 (F.5GUHDC)	Requirements for IMT-2020 ultra-high definition surveillance camera (Summary)	2022-11-16	2022-12-13							LC
F.743.19 (F.IVS-ISC)	Requirements for intelligent surveillance camera in intelligent video surveillance systems (Summary)	2022-11-16	2022-12-13							LC
F.743.22 (F.ATVSReqs)	Requirements and architecture of algorithm training system for intelligent video surveillance (Summary)	2022-11-16	2022-12-13							LC
F.746.14 (F.CVR-RRF)	Requirements and reference framework for cloud virtual reality systems (Summary)	2022-11-16	2022-12-13							LC
F.746.15 (F.SBNG)	Requirements for smart broadband network gateway in multimedia content transmission (Summary)	2022-11-16	2022-12-13							LC
F.746.16 (F.AI-ILICSS)	Technical requirements and evaluation methods of intelligent levels of intelligent customer service systems (Summary)	2022-11-16	2022-12-13							LC
F.746.17 (F.MPSReqs)	Requirements for media processing services (Summary)	2022-11-16	2022-12-13							LC
F.747.11 (F.AI-ISD)	Requirements for intelligent surface-defect detection service in industrial production line (Summary)	2022-11-16	2022-12-13							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	
F.747.12 (F.AI-MVSLWS)	Requirements for artificial intelligence based machine vision system in smart logistics warehouse (Summary)	2022-11-16	2022-12-13							LC
F.748.17 (F.AICP-MD)	Technical specification for artificial intelligence cloud platform: AI model development (Summary)	2022-11-16	2022-12-13							LC
F.748.18 (F.AI-DLEMT)	Metric and evaluation methods for AI-enabled multimedia application computing power benchmark (Summary)	2022-11-16	2022-12-13							LC
F.748.19 (F.AI-FASD)	Framework for audio structuralizing based on deep neural network (Summary)	2022-11-16	2022-12-13							LC
F.748.20 (F.AI-DMPC)	Technical framework for deep neural network model partition and collaborative execution (Summary)	2022-11-16	2022-12-13							LC
F.748.21 (F.FDIS)	Requirements and framework for feature-based distributed intelligent systems (Summary)	2022-11-16	2022-12-13							LC
F.751.5 (F.DLT-DMPG)	Requirements for distributed ledger technology-based power grid data management (Summary)	2022-11-16	2022-12-13							LC
F.751.6 (H.DLT-PAM)	Performance assessment methods for distributed ledger technology platforms (Summary)	2022-11-16	2022-12-13							LC
F.751.7 (H.DLT-FAM)	Functional assessment methods for distributed ledger technology platforms (Summary)	2022-11-16	2022-12-13							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	
F.760.1 (F.EMRESCUE)	Requirements and reference framework for emergency rescue systems (Summary)	2022-11-16	2022-12-13							LC
F.780.3 (F.TCUR-UHD)	Use cases and requirements for ultra-high-definition teleconsulting system (Summary)	2022-11-16	2022-12-13							LC
G.168 (2015) Cor.1	Digital network echo cancellers: Reference error corrections (Summary)	2022-11-16	2022-12-13							LC
H.222.0 (Ed.8) Amd.1	Information technology - Generic coding of moving pictures and associated audio information: Systems: Carriage of LCEVC and other improvements (Summary)	2022-11-16	2022-12-13							LC
H.222.0 (Ed.8) Cor.1	Information technology - Generic coding of moving pictures and associated audio information: Systems: Adding missing field compatibleProfileSetsPresent (Summary)	2022-11-16	2022-12-13							LC
H.245 (V17) Cor.1	Control protocol for multimedia communication: ASN.1 error corrections (Summary)	2022-11-16	2022-12-13							LC
H.627.3 (H.PIVSS)	Protocols for intelligent video surveillance systems (Summary)	2022-11-16	2022-12-13							LC
H.644.5 (H.MCDN-CRRS)	Functional architecture of content request routing service in multimedia content delivery networks (Summary)	2022-11-16	2022-12-13							LC
H.845.10	Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5J: Insulin pump (Summary)	2022-11-16	2022-12-13							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	
T.808 (V2)	Information technology – JPEG 2000 image coding system: Interactivity tools, APIs and protocols (Summary)	2022-11-16	2022-12-13							LC

Annex 2

(to TSB AAP-17)

Using the on-line comment submission form

Comment submission

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

- 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:
<https://www.itu.int/ITU-T/aapinfo/files/AAPTutorial.pdf>

(to TSB AAP-17)

Recommendations under LC/AR – Comment submission form
(Separate form for each Recommendation being commented upon)

ITU-T AAP comment submission form

Study Group: _____

Announcement number: _____

Recommendation number: _____

Date consented: _____

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.*