



Geneva, 16 December 2022

Ref: **TSB AAP-19**
AAP/CL

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- To Administrations of Member States of the Union;
- To ITU-T Sector Members;
- To ITU-T Associates;
- To ITU Academia

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

Annex 1

(to TSB AAP-19)

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:

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

Study Group web pages and contacts:

SG 2	https://www.itu.int/ITU-T/studygroups/com02	tsbsg2@itu.int
SG 3	https://www.itu.int/ITU-T/studygroups/com03	tsbsg3@itu.int
SG 5	https://www.itu.int/ITU-T/studygroups/com05	tsbsg5@itu.int
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
SG 15	https://www.itu.int/ITU-T/studygroups/com15	tsbsg15@itu.int
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.1480 (L.Enablement)	Enabling the Net Zero transition: Assessing how the use of ICT solutions impacts GHG emissions of other sectors (Summary)	2022-07-16	2022-08-12	LJ	AR	2022-09-16	2022-10-06	SG		AC
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	AC		AC

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.2247 (Y.frd)	Framework and Requirements of Network-oriented Data Integrity Verification Service based on Blockchain in Future Network (Summary)	2022-12-16	2023-01-12							LC
Y.2248 (Y.esm)	Service model for Entry-level Smart Farm (Summary)	2022-12-16	2023-01-12							LC
Y.3119 (Y.IMT2020-DN-CCF)	Future networks including IMT-2020: capability classification framework for dedicated networks (Summary)	2022-12-16	2023-01-12							LC
Y.3120 (Y.IMT2020-fa-lg-lsn)	Functional Architecture for latency guarantee in large scale networks including IMT-2020 and beyond (Summary)	2022-12-16	2023-01-12							LC
Y.3121 (Y.IMT2020-det-qos-reqts-lan)	QoS requirements and framework for supporting deterministic communication services in local area network for IMT-2020 (Summary)	2022-12-16	2023-01-12							LC
Y.3140 (Y.SBN-TR)	Service brokering network framework for Trusted Reality (Summary)	2022-12-16	2023-01-12							LC
Y.3159 (Y.IMT-2020-NSL-fra)	Framework for classifying network slice level in future networks including IMT-2020 (Summary)	2022-12-16	2023-01-12							LC
Y.3183 (Y.ML-IMT2020-VNS)	Framework for network slicing management assisted by machine learning leveraging QoE feedback from verticals (Summary)	2022-12-16	2023-01-12							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	
Y.3201 (Y.FMSC-frame)	Fixed, mobile and satellite convergence – Framework for IMT-2020 networks and beyond (Summary)	2022-12-16	2023-01-12							LC
Y.3325 (Y.DL-AINW-fra)	Framework for high-level AI-based management communicating with external management systems (Summary)	2022-12-16	2023-01-12							LC
Y.3539 (Y.ccrm)	Cloud computing - Framework of risk management (Summary)	2022-12-16	2023-01-12							LC
Y.3607 (Y.bdp-arch)	Big data – Functional architecture for data provenance (Summary)	2022-12-16	2023-01-12							LC
Y.3813 (Y.QKDN-iwrg)	Quantum key distribution networks interworking – functional requirements (Summary)	2022-12-16	2023-01-12							LC
Y.3814 (Y.QKDN-ml-fra)	Quantum key distribution networks - functional requirements and architecture for machine learning enablement (Summary)	2022-12-16	2023-01-12							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.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	AR	2022-12-16	2023-01-12			AR
G.8152.1/Y.1375.1 (2021) 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	LJ						LJ

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	A						A
F.743.18 (F.5GUHDC)	Requirements for IMT-2020 ultra-high definition surveillance camera (Summary)	2022-11-16	2022-12-13	A						A
F.743.19 (F.IVS-ISC)	Requirements for intelligent surveillance camera in intelligent video surveillance systems (Summary)	2022-11-16	2022-12-13	A						A
F.743.22 (F.ATVSReqs)	Requirements and architecture of algorithm training system for intelligent video surveillance (Summary)	2022-11-16	2022-12-13	A						A
F.746.14 (F.CVR-RRF)	Requirements and reference framework for cloud virtual reality systems (Summary)	2022-11-16	2022-12-13	A						A
F.746.15 (F.SBNG)	Requirements for smart broadband network gateway in multimedia content transmission (Summary)	2022-11-16	2022-12-13	A						A
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	A						A
F.746.17 (F.MPSReqs)	Requirements for media processing services (Summary)	2022-11-16	2022-12-13	A						A
F.747.11 (F.AI-ISD)	Requirements for intelligent surface-defect detection service in industrial production line (Summary)	2022-11-16	2022-12-13	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	
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	A						A
F.748.17 (F.AICP-MD)	Technical specification for artificial intelligence cloud platform: AI model development (Summary)	2022-11-16	2022-12-13	A						A
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	A						A
F.748.19 (F.AI-FASD)	Framework for audio structuralizing based on deep neural network (Summary)	2022-11-16	2022-12-13	A						A
F.748.20 (F.AI-DMPC)	Technical framework for deep neural network model partition and collaborative execution (Summary)	2022-11-16	2022-12-13	A						A
F.748.21 (F.FDIS)	Requirements and framework for feature-based distributed intelligent systems (Summary)	2022-11-16	2022-12-13	A						A
F.751.5 (F.DLT-DMPG)	Requirements for distributed ledger technology-based power grid data management (Summary)	2022-11-16	2022-12-13	A						A
F.751.6 (H.DLT-PAM)	Performance assessment methods for distributed ledger technology platforms (Summary)	2022-11-16	2022-12-13	A						A
F.751.7 (H.DLT-FAM)	Functional assessment methods for distributed ledger technology platforms (Summary)	2022-11-16	2022-12-13	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	
F.760.1 (F.EMRESCUE)	Requirements and reference framework for emergency rescue systems (Summary)	2022-11-16	2022-12-13	A						A
F.780.3 (F.TCUR-UHD)	Use cases and requirements for ultra-high-definition teleconsulting system (Summary)	2022-11-16	2022-12-13	A						A
G.168 (2015) Cor.1	Digital network echo cancellers: Reference error corrections (Summary)	2022-11-16	2022-12-13	A						A
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	A						A
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	A						A
H.245 (V17) Cor.1	Control protocol for multimedia communication: ASN.1 error corrections (Summary)	2022-11-16	2022-12-13	A						A
H.627.3 (H.PIVSS)	Protocols for intelligent video surveillance systems (Summary)	2022-11-16	2022-12-13	A						A
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	A						A
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	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	
T.808 (V2)	Information technology – JPEG 2000 image coding system: Interactivity tools, APIs and protocols (Summary)	2022-11-16	2022-12-13	A						A

Annex 2

(to TSB AAP-19)

Using the on-line comment submission form

Comment submission

- 1) Go to AAP search Web page at <https://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

The screenshot shows the ITU AAP (Administrative Approval Process) interface. At the top, there's a header with the ITU logo and navigation links: AAP Info, AAP Search, Rec. Under AAP, and AAP Announcements. Below this, a banner displays 'AAP Recommendation: G.711.1 (2008) Amd.1' with a link to the work programme. The main content area is divided into sections: 'Basic Information' (a table with columns for Title, Study Group, Current Status, Consent Date, Approval Date, Study Period, Provisional Name, IPR, and Input used for Consent), 'Observation', and 'AAP Process Details' (a table with columns for Last Call (LC), Additional Review (AR), and Study Group (SG)). At the bottom of the 'AAP Process Details' section, there is a 'Submit Comment' button, which is highlighted with a red arrow.

- 4) Complete the on-line form and click on "Submit"

The screenshot shows the ITU AAP online form. It contains several fields for user information and recommendations, including 'Study group', 'Announcement number', 'Recommendation number', 'Recommendation under', 'Country', 'Administration or Company', 'Email of contact (for AAP)', 'Email of Administration or Company', 'Technical contact email', 'Sender name', 'Sender email address', and 'Telephone'. Below these fields, there are radio buttons for 'Comments: (Choose as applicable)' and a text area for 'Observation'. A note states: '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.' There is a file upload section with a 'Browse...' button and a 'Submit' button, which is highlighted with a red arrow. A footer note says: '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-19)

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.*