



Geneva, 1/08/2025

Ref: **TSB AAP-18**
AAP/SO

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To:

- Administrations of Member States of the Union;
- The State of Palestine (Res. 99 (Rev. Dubai, 2018));
- ITU-T Sector Members;
- ITU-T Associates;
- ITU Academia

Copy to:

- The Chairs and Vice-Chairs of Study Groups;
- The Director of the Telecommunication Development Bureau;
- 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/t/aap/aap-recs> (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,

Seizo Onoe
Director of the Telecommunication Standardization Bureau

Annexes: 3

Result of AAP-18:

Total Recommendations under AAP: 54

Total Recommendations Approved: 25

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/t/aap/about-aap>

ITU-T AAP Recommendation website:

<https://www.itu.int/t/aap/aap-recs>

Study Group web pages and contacts:

SG2	https://www.itu.int/go/tsg2	tsbsg2@itu.int
SG3	https://www.itu.int/go/tsg3	tsbsg3@itu.int
SG5	https://www.itu.int/go/tsg5	tsbsg5@itu.int
SG11	https://www.itu.int/go/tsg11	tsbsg11@itu.int
SG12	https://www.itu.int/go/tsg12	tsbsg12@itu.int
SG13	https://www.itu.int/go/tsg13	tsbsg13@itu.int
SG15	https://www.itu.int/go/tsg15	tsbsg15@itu.int
SG17	https://www.itu.int/go/tsg17	tsbsg17@itu.int
SG20	https://www.itu.int/go/tsg20	tsbsg20@itu.int
SG21	https://www.itu.int/go/tsg21	tsbsg21@itu.int

Situation concerning Study Group 5 Recommendations under AAP

Rec #	Title	Last Call (LC)			Additional Review (AR)			Status
		Start / End	LC Result	LJ Result	Start / End	AR Result	AJ Result	
K.49 (K.49 Revision)	Test requirements and performance criteria for voice terminal telephones subject to disturbance from digital mobile telecommunications systems (Summary)	2025-07-01 2025-07-28	A					A
K.54 (K.54 Revision)	Conducted immunity test method and level at fundamental power frequencies (Summary)	2025-07-01 2025-07-28	A					A
K.61 (K.61 Revision)	Guidance on measurement and numerical prediction of electromagnetic fields for compliance with human exposure limits for telecommunication installations (Summary)	2025-07-01 2025-07-28	LJ					LJ
K.113 (K.113)	Generation of radio-frequency electromagnetic field level maps (Summary)	2025-07-01 2025-07-28	A					A
K.147 (K.147)	Protection of digital ports connected to balanced pairs of conductors (Summary)	2025-07-01 2025-07-28	A					A
K.158 (K.pids)	Practical guidance for protection of the indoor distribution system for mobile communication in large-scale physical buildings (Summary)	2025-07-01 2025-07-28	A					A
L.1004 (L.UFCS)	Universal Fast Charging Solution for mobile terminals (Summary)	2025-07-01 2025-07-28	A					A
L.1007 (2016) Cor.1 (2025-06) (L.1007 (2016) Cor.1 (2025-06))	Test suites for assessment of the external universal power adapter solutions for portable information and communication technology devices (Summary)	2025-07-01 2025-07-28	A					A
L.1011 (L.DLB)	Guidelines for the durability assessment of Lithium-ion Batteries (Summary)	2025-07-01 2025-07-28	LJ					LJ
L.1018 (L.DMTT)	Specification for the durability assessment of mobile telecommunication terminals (Summary)	2025-07-01 2025-07-28	A					A
L.1025 (L.ME DD)	Assessment of material efficiency of ICT network infrastructure goods (circular economy); Server and data storage product secure data deletion functionality (Summary)	2025-07-01 2025-07-28	A					A
L.1037 (L.E-waste-collection)	Requirements for the collection, transportation, storage, dismantling, valorization and final disposal of WEEE (Summary)	2025-07-01 2025-07-28	LJ					LJ
L.1080 (L.ME AF)	Assessment of material efficiency of ICT network infrastructure goods (circular economy); Part 3 Server and data storage product availability of firmware and of security updates to firmware (Summary)	2025-07-01 2025-07-28	A					A
L.1081 (L.GPSIM)	Good practices for the sanitization of the information storage media in end-of-life ICT user devices (Summary)	2025-07-01 2025-07-28	A					A

Rec #	Title	Last Call (LC)			Additional Review (AR)			Status
		Start / End	LC Result	LJ Result	Start / End	AR Result	AJ Result	
L.1206 (L.1206)	Impact on information and communication technology equipment architecture of multiple AC, -48 VDC or up to 400 VDC power inputs (Summary)	2025-07-01 2025-07-28	A					A
L.1311 (L.EE sgpu)	Energy Efficiency measurement methodology and metrics for heterogeneous servers (Summary)	2025-07-01 2025-07-28	A					A
L.1328 (L.WHR)	Specification for waste heat reuse in telecommunication rooms and data centers (Summary)	2025-07-01 2025-07-28	LJ					LJ
L.1395 (L.MCI Gen)	Monitoring and Control Interface for Infrastructure Equipment (Power, Cooling and Building Environment Systems used in Telecommunication Networks) - Generic Interface (Summary)	2025-07-01 2025-07-28	A					A
L.1396 (L.MCI MIM)	Monitoring and Control Interface for Infrastructure Equipment (Power, Cooling and Building Environment Systems used in Telecommunication Networks) - ICT equipment power, energy and environmental parameters monitoring information model (Summary)	2025-07-01 2025-07-28	LJ					LJ
L.1397 (L.MCI Bat)	Monitoring and control interface for infrastructure equipment (Power, Cooling and environment systems used in telecommunication networks) - Battery system with integrated control and monitoring information model) (Summary)	2025-07-01 2025-07-28	LJ					LJ
L.1480 (L.1480rev)	Enabling the Net Zero transition: Assessing how the use of information and communication technology solutions impacts greenhouse gas emissions of other sectors (Summary)	2025-07-01 2025-07-28	A					A
L.1491 (L.MM&BP IP)	Measurement methodology and best practices for decarbonization of industrial park in support of net zero (Summary)	2025-07-01 2025-07-28	LJ					LJ
L.1510 (L.KPIs Infrastructure)	Environmental key performance indicators for digital infrastructure adapting to climate change (Summary)	2025-07-01 2025-07-28	LJ					LJ
L.1621 (L.circularCityKPIs)	Key Performance Indicators for circular cities (Summary)	2025-07-01 2025-07-28	A					A

Situation concerning Study Group 13 Recommendations under AAP

Rec #	Title	Last Call (LC)			Additional Review (AR)			Status
		Start / End	LC Result	LJ Result	Start / End	AR Result	AJ Result	
Y2500 (Y.CPN-DF)	Computing power network - Terms and definitions (Summary)	2025-08-01 2025-08-28						LC
Y3089 (Y.ICN-INP)	Information-centric networking in networks beyond IMT-2020 - Requirements and capabilities of network node to support in-network processing (Summary)	2025-08-01 2025-08-28						LC
Y3093 (Y.DTN-DataFrame)	Digital Twin Network - Framework and functional requirements of data domain in network digital twin layer (Summary)	2025-08-01 2025-08-28						LC
Y3148 (Y.det-FQ-fa)	Functional architecture for stateless fair queuing in large scale networks including IMT-2020 and beyond (Summary)	2025-08-01 2025-08-28						LC
Y3149 (Y.qos-req-ti)	Quality of service assurance requirements for the tactile internet (Summary)	2025-08-01 2025-08-28						LC
Y3165 (Y.CCO-req)	Requirements of orchestration supporting confidential computing for network slices in IMT-2020 networks and beyond (Summary)	2025-08-01 2025-08-28						LC
Y3166 (Y.U2USM-req-fra)	Future networks including IMT-2020 network - Requirements and framework for the support of UE-to-UE session management (Summary)	2025-08-01 2025-08-28						LC
Y3223 (Y.FMSC-MEC)	Fixed, mobile and satellite convergence - Multi-access edge computing for IMT-2020 networks and beyond (Summary)	2025-08-01 2025-08-28						LC
Y3224 (Y.FMSC-InNetFL)	Fixed, mobile and satellite convergence - Requirements and framework for in-network aggregated federated learning for enabling AI in IMT-2020 networks and beyond (Summary)	2025-08-01 2025-08-28						LC
Y3505	Cloud computing - Overview and functional requirements for data storage federation (Summary)	2025-08-01 2025-08-28						LC
Y3555 (Y.mc-arch)	Cloud computing - Functional architecture for multi-cloud (Summary)	2025-08-01 2025-08-28						LC
Y3556 (Y.ccomm-reqts)	Cloud computing - Framework and functional requirements of microservice monitoring (Summary)	2025-08-01 2025-08-28						LC
Y3557 (Y.ccimvc)	Cloud computing - Functional requirements of the management for virtual machine and container integration (Summary)	2025-08-01 2025-08-28						LC
Y3601	Big data - Framework and requirements for data exchange (Summary)	2025-08-01 2025-08-28						LC

Rec #	Title	Last Call (LC)			Additional Review (AR)			Status
		Start / End	LC Result	LJ Result	Start / End	AR Result	AJ Result	
Y.3661 (Y.bDDN-AM-COINO)	Big data driven networking - architecture and mechanism for customer-oriented intelligent network operation (Summary)	2025-08-01 2025-08-28						LC
Y.3701 (Y.cdp-regts)	Data handling - Functional requirements of collaborative data processing in data platforms (Summary)	2025-08-01 2025-08-28						LC
Y.3829 (Y.QKDNi-qos-fa)	Quantum key distribution networks interworking - Functional architecture for quality of service assurance (Summary)	2025-08-01 2025-08-28						LC
Y.3830 (Y.QKDN-rsff)	Quantum key distribution networks - procedures for key supply protection and recovery for resilience (Summary)	2025-08-01 2025-08-28						LC

Situation concerning Study Group 15 Recommendations under AAP

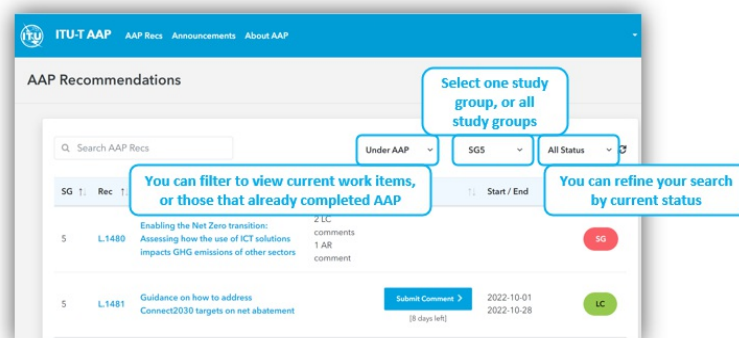
Rec #	Title	Last Call (LC)			Additional Review (AR)			Status
		Start / End	LC Result	LJ Result	Start / End	AR Result	AJ Result	
G.709/Y.1331 (2020) Amd.4	Interfaces for the optical transport network - Amendment 4 (Summary)	2025-04-16 2025-05-13	LJ	AR	2025-07-01 2025-07-21	AC		AC
G.781 (2024) Amd.2	Synchronization layer functions for frequency synchronization based on the physical layer - Amendment 2 (Summary)	2025-04-16 2025-05-13	LJ	AR	2025-07-01 2025-07-21	AC		AC
G.798 (2023) Amd.3	Characteristics of optical transport network hierarchy equipment functional blocks - Amendment 3 (Summary)	2025-04-16 2025-05-13	LJ	AR	2025-07-01 2025-07-21	AC		AC
G.7711	Generic protocol-neutral information model for transport resources (Summary)	2025-05-16 2025-06-12	LJ	AR	2025-08-01 2025-08-21			AR
G.7721	Management requirement and information model for synchronization (Summary)	2025-05-16 2025-06-12	LJ	AR	2025-08-01 2025-08-21			AR
G.7721.1	Data model of synchronization management (Summary)	2025-05-16 2025-06-12	LJ	AR	2025-08-01 2025-08-21			AR
G.8020.3 (G.eth)	Ethernet (Summary)	2025-04-16 2025-05-13	LJ	A				A
G.8052.1	Operation, administration, maintenance (OAM) management information and data models for the Ethernet-transport network element (Summary)	2025-05-16 2025-06-12	LJ	AT				AT
G.8052.2/Y.1346.2 (2021) Amd.1	Resilience information/data models for the Ethernet transport network element - Amendment 1 (Summary)	2025-05-16 2025-06-12	LJ	AT				AT
G.8272	Timing characteristics of primary reference time clocks (Summary)	2025-04-16 2025-05-13	LJ	AR	2025-07-01 2025-07-21	AC		AC
G.8272.1 (2024) Amd.1	Timing characteristics of enhanced primary reference time clocks - Amendment 1 (Summary)	2025-04-16 2025-05-13	LJ	AR	2025-07-01 2025-07-21	AC		AC
G.8371 (G.mtn-sync)	Synchronization aspects of metro transport network (Summary)	2025-04-16 2025-05-13	LJ	AR	2025-07-01 2025-07-21	AC		AC

(To TSB AAP-18)

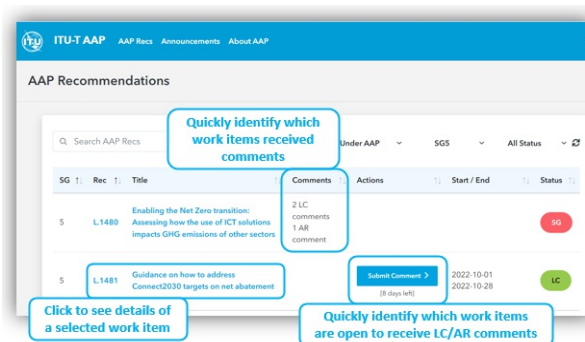
Using the on-line comment submission form

Comment submission

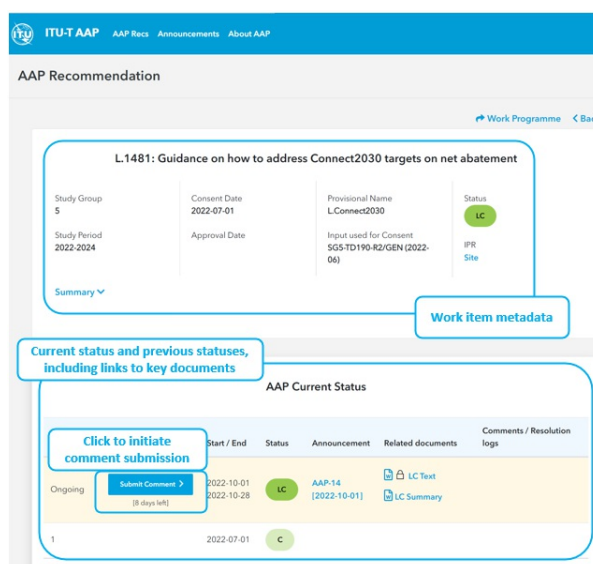
1. Go to AAP site <https://www.itu.int/t/aap/aap-recs> and select an AAP Recommendation:



- 2) Select your Recommendation



- 3) Click the "Submit Comment" button



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

Draft Recommendation L.1481
Study Group 5 - Last Call Additional Review
Deadline: 2022-10-28 (23:59 hours Geneva time)
Comment period deadline: 8d 12h 50m

About you

Your details

Contact details are automatically filled in

AAP Focal point

To update the AAP focal point details, please contact tsbaap@itu.int

Submit your comment

Level of support for Approval

☐ We support approval of this text on the condition that it be modified per the revisions given below and/or in the attachment.

☐ We do not support approval of this text. Reasons are given below and/or in the attachment

Comment

Please provide your comment(s), if any.

Attachment

☐ File attached

☐ None. Comments are given in the 'Comment' field, no attachment needed.

Submit

5) You will receive an email notification with details of your submission

(To TSB AAP-18)

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)**Sender name:**
(if different from AAP
Contact Person)**Sender email address:****Administration/Company:****Country:****Name of AAP Contact
Person:****Email of AAP Contact
Person:****Comments:**
(Level of support for
Approval)☐ We support approval of this text on the condition that it be modified per the revisions given☐ We do not support approval of this text. Reasons are given below and/or in the attachment.**Comments:****No attachment:** Comments are given in the 'Comment' field, no attachment needed.To be returned to: email: tsbgs...@itu.int
[or fax +41 22 730 5853]

Comments or revised text should be sent as an attachment in one of the following formats: .docx, .doc, .pdf, .xlsx, zip, rar, txt.

Revision marks must be shown relative to the text posted by TSB.