



Ginebra, 1/08/2025

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

Tel: +41 22 730 5860
Fax: +41 22 730 5853
Correo-e: tsbdir@itu.int

A:

- las Administraciones de los Estados Miembros de la Unión;
- el Estado de Palestina (Resolución 99 (Rev. Dubái, 2018));
- los Miembros del Sector UIT T;
- los Asociados del UIT T;
- las Instituciones Académicas de la UIT

Copia a:

- los Presidentes y a los Vicepresidentes de las Comisiones de Estudio del UIT T;
- el Director de la Oficina de Desarrollo de las Telecomunicaciones;
- el Director de la Oficina de Radiocomunicaciones

Asunto: **Situación de las Recomendaciones sometidas al proceso de aprobación alternativo (AAP)**

Muy señora mía/Muy señor mío,

El proceso de aprobación alternativo (AAP) definido en la Recomendación A.8 del UIT-T se aplica a las Recomendaciones que no tienen consecuencias en materia de política o reglamentación y que no requieren, por lo tanto, la consulta formal de los Estados Miembros (véase el número 246B del Convenio de la UIT).

En el **anexo 1** se enumera la lista de los textos cuyo estado ha cambiado con respecto a los anuncios TSB AAP precedentes.

Si desea formular un comentario en relación con una Recomendación sometida al AAP, le alentamos a utilizar el formulario de presentación de comentarios disponible en la página de la Recomendación que figura en el área AAP del sitio web del UIT-T, en la dirección <https://www.itu.int/t/aap/aap-recs> (véase también el **anexo 2**). Alternativamente, pueden presentarse comentarios completando el formulario del **anexo 3** y remitiéndolo a la secretaria de la Comisión de Estudio correspondiente.

Le rogamos tenga en cuenta que no se alientan comentarios que se limiten a apoyar la adopción del texto en cuestión.

Le saluda atentamente,

Seizo Onoe
Director de la Oficina de Normalización de las Telecomunicaciones

Anexos: 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

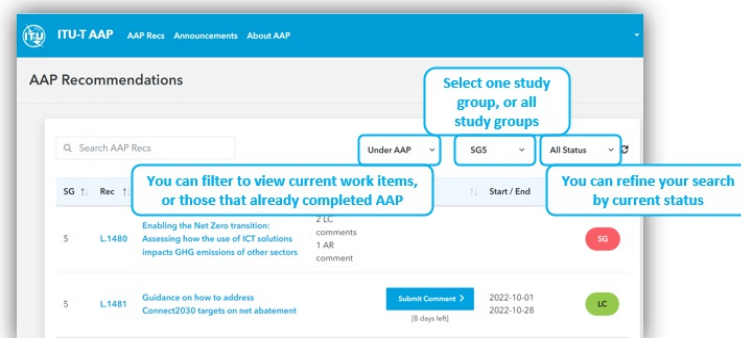
Rec #	Title	Last Call (LC)			Additional Review (AR)			Status
		Start / End	LC Result	LJ Result	Start / End	AR Result	AJ Result	
G.709/Y.1331 (2020) Amd.4	Interfaces for the optical transport network - Amendment 4 (Summary)	2025-04-16 2025-05-13	LJ	AR	2025-07-01 2025-07-21	AC		AC
G.781 (2024) Amd.2	Synchronization 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)

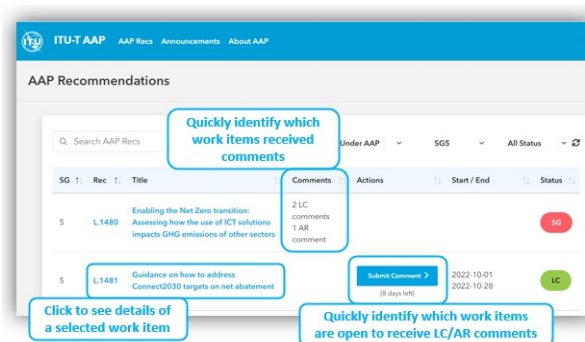
Using the on-line comment submission form

Comment submission

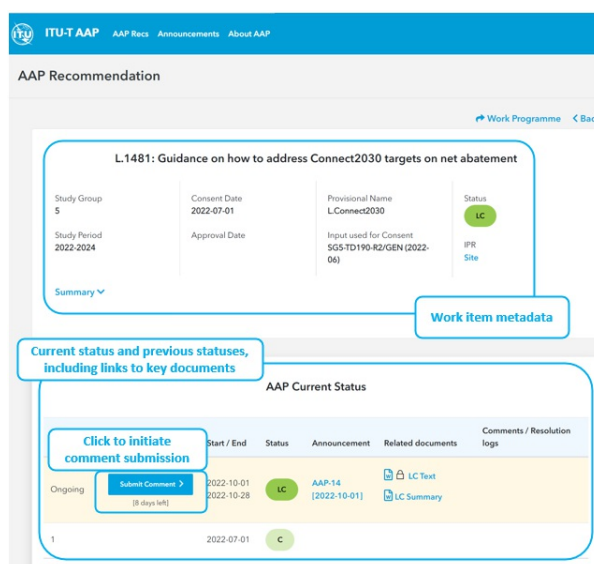
1. Go to AAP site <https://www.itu.int/t/aap/aap-recs> and select an AAP Recommendation:



- 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: tsbsg...@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.