Unión Internacional de Telecomunicaciones
Oficina de Normalización de las Telecomunicaciones

Ginebra, 16/04/2025

Ref: **TSB AAP-11**
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 secretaría 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

Annex 1

(To TSB AAP-11)

Result of AAP-11:

Total Recommendations under AAP: 53

Total Recommendations Approved: 10

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
SG9	https://www.itu.int/go/tsg9	tsbsg9@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
SG16	https://www.itu.int/go/tsg16	tsbsg16@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 11 Recommendations under AAP

Rec #	Title	Last Call (LC)			Additional Review (AR)			Status
		Start / End	LC Result	LJ Result	Start / End	AR Result	AJ Result	
Q.3722 (Q.BNG-CA)	Signalling requirements of virtual Broadband Network Gateway (vBNG) for cloud access (Summary)	2025-03-16 2025-04-12	A					A
Q.3956 (Q.VoiNR-test)	Voice over New Radio (VoNR)/Video over New Radio (ViNR) interconnection testing for interworking and roaming scenarios (Summary)	2025-03-16 2025-04-12	A					A
Q.3957 (Q.vbng-pup-iopt)	Interoperability testing suite for cloud-based control plane and pooled user plane of virtualized broadband network gateway (Summary)	2025-03-16 2025-04-12	A					A
Q.4076 (Q.ETFRM)	Evolution of Testbeds Federations Reference Model (Summary)	2025-03-16 2025-04-12	A					A
Q.4077 (Q.TADIR)	Testbed as a Service application program interfaces descriptions and interoperability requirements (Summary)	2025-03-16 2025-04-12	A					A
Q.4078 (Q.URRM)	User requirements and reference model for Testbed as a Service (Summary)	2025-03-16 2025-04-12	A					A
Q.4144 (Q.CSO)	Signalling requirements for cross-operator service orchestration in computing power network (Summary)	2025-03-16 2025-04-12	A					A
Q.4164 (Q.4164_rev)	Protocols for Ck interfaces for quantum key distribution networks (Summary)	2025-03-16 2025-04-12	A					A
Q.5033 (Q.NCMST)	Network coding multistream protocol for parallel data transmission (Summary)	2025-03-16 2025-04-12	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	
Y.2086 (Y.DNI-fr)	Framework and Requirements of Decentralized Trustworthy Network Infrastructure (Summary)							SG

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.661	Definitions and test methods for the relevant generic parameters of optical amplifier devices and subsystems (Summary)	2025-04-16 2025-05-13						LC
G.671	Transmission characteristics of optical components and subsystems (Summary)	2025-04-16 2025-05-13						LC
G.672	Characteristics of multi-degree reconfigurable optical add/drop multiplexers (Summary)	2025-04-16 2025-05-13						LC
G.695	Optical interfaces for coarse wavelength division multiplexing applications (Summary)	2025-04-16 2025-05-13						LC
G.698.4	Multichannel bi-directional DWDM applications with port agnostic single-channel optical interfaces (Summary)	2025-04-16 2025-05-13						LC
G.709.20 (2024) Amd.1	Overview of fine grain OTN - Amendment 1 (Summary)	2025-04-16 2025-05-13						LC
G.709.5 (2024) Cor.1	Flexible OTN short-reach interfaces - Corrigendum 1 (Summary)	2025-04-16 2025-05-13						LC
G.709/Y.1331 (2020) Amd.4	Interfaces for the optical transport network - Amendment 4 (Summary)	2025-04-16 2025-05-13						LC
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						LC
G.781.1	Synchronization layer functions for packet-based synchronization (Summary)	2025-04-16 2025-05-13						LC
G.798 (2023) Amd.3	Characteristics of optical transport network hierarchy equipment functional blocks - Amendment 3 (Summary)	2025-04-16 2025-05-13						LC
G.959.1 (2024) Amd.2	Optical transport network physical layer interfaces - Amendment 2 (Summary)	2025-04-16 2025-05-13						LC
G.978	Characteristics of optical fibre submarine cables (Summary)	2025-04-16 2025-05-13						LC
G.987.3	10-Gigabit-capable passive optical networks (XG-PON): Transmission convergence (TC) layer specification (Summary)	2025-04-16 2025-05-13						LC

Rec #	Title	Last Call (LC)			Additional Review (AR)			Status
		Start / End	LC Result	LJ Result	Start / End	AR Result	AJ Result	
G.988 (2022) Amd.2	ONU management and control interface (OMCI) specification - Amendment 2 (Summary)	2025-04-16 2025-05-13						LC
G.989.3 (2021) Amd.2	40-Gigabit-capable passive optical networks (NG-PON2): Transmission convergence layer specification - Amendment 2 (Summary)	2025-04-16 2025-05-13						LC
G.8013/Y.1731 (2023) Amd.1	Operation, administration and maintenance (OAM) functions and mechanisms for Ethernet-based networks - Amendment 1 (Summary)	2025-04-16 2025-05-13						LC
G.8020.3 (G.eth)	Ethernet (Summary)	2025-04-16 2025-05-13						LC
G.8021/Y.1341 (2022) Amd. 2	Characteristics of Ethernet transport network equipment functional blocks - Amendment 2 (Summary)	2025-04-16 2025-05-13						LC
G.8023 (2018) Amd.3	Characteristics of equipment functional blocks supporting Ethernet physical layer and Flex Ethernet interfaces- Amendment 3 (Summary)	2025-04-16 2025-05-13						LC
G.8121/Y.1381 (2018) Amd.2	Characteristics of MPLS-TP equipment functional blocks - Amendment 2 (Summary)	2025-04-16 2025-05-13						LC
G.8151 (2024) Amd. 1	Management aspects of the MPLS-TP network element - Amendment 1 (Summary)	2025-04-16 2025-05-13						LC
G.8271.1/Y.1366.1 (2022) Amd.3	Network limits for time synchronization in packet networks with full timing support from the network-Amendment 3 (Summary)	2025-04-16 2025-05-13						LC
G.8272	Timing characteristics of primary reference time clocks (Summary)	2025-04-16 2025-05-13						LC
G.8272.1 (2024) Amd.1	Timing characteristics of enhanced primary reference time clocks - Amendment 1 (Summary)	2025-04-16 2025-05-13						LC
G.8272.2 (2024) Amd.1	Timing characteristics of coherent network primary reference time clocks - Amendment 1 (Summary)	2025-04-16 2025-05-13						LC
G.8273/Y.1368 (2023) Amd.1	Framework of phase and time clocks - Amendment 1 (Summary)	2025-04-16 2025-05-13						LC
G.8275 (2024) Amd. 2	Architecture and requirements for packet-based time and phase distribution - Amendment 2 (Summary)	2025-04-16 2025-05-13						LC
G.8310 (2020) Amd 2	Architecture of the metro transport network - Amendment 2 (Summary)	2025-04-16 2025-05-13						LC

Rec #	Title	Last Call (LC)			Additional Review (AR)			Status
		Start / End	LC Result	LJ Result	Start / End	AR Result	AJ Result	
G.8312 (2020)Amd.4	Interfaces for metro transport networks - Amendment 4 (Summary)	2025-04-16 2025-05-13						LC
G.8321 (2022) Amd.2	Characteristics of metro transport network equipment functional blocks - Amendment 2 (Summary)	2025-04-16 2025-05-13						LC
G.8371 (G.mtn-sync)	Synchronization aspects of metro transport network (Summary)	2025-04-16 2025-05-13						LC
G.9804.1 (2019) Amd.3	Higher speed passive optical networks: Requirements - Amendment 3 (Summary)	2025-04-16 2025-05-13						LC
G.9807.1 (2023) Amd.1	10-Gigabit-capable symmetric passive optical network (XGS-PON) - Amendment 1 (Summary)	2025-04-16 2025-05-13						LC
G.9943 (G.fin-NM)	High speed fibre-based in-premises transceivers - network management (Summary)	2025-04-16 2025-05-13						LC
G.9949 (G.WMCI)	WLAN management control interface (WMCI) for in-premises network (Summary)	2025-04-16 2025-05-13						LC
G.9961 (2023) Cor. 1	Unified high-speed wireline-based home networking transceivers - Data link layer specification - Corrigendum 1 (Summary)	2025-04-16 2025-05-13						LC
G.9975 (G.uvs-XR)	Technical requirements of extended reality service over in-premises networks (Summary)	2025-04-16 2025-05-13						LC
L.104	Small count optical fibre cables for indoor applications (Summary)	2025-04-16 2025-05-13						LC
L.341	Maintenance of telecommunication poles and overhead facilities (Summary)	2025-04-16 2025-05-13						LC
L.360	Operations support system requirements for network infrastructure management using ID technology (Summary)	2025-04-16 2025-05-13						LC

Situation concerning Study Group 21 Recommendations under AAP

Rec #	Title	Last Call (LC)			Additional Review (AR)			Status
		Start / End	LC Result	LJ Result	Start / End	AR Result	AJ Result	
H.222.0 v10 (H.222.0 Amd.1)	Information technology - Generic coding of moving pictures and associated audio information: Systems (Summary)	2025-03-16 2025-04-12	A					A
J.157 (J.wtv-req)	Functional Requirements for secondary distribution of digital television and audiovisual content to portable devices using the wireless local area network (Summary)	2025-03-16 2025-04-12	LJ					LJ

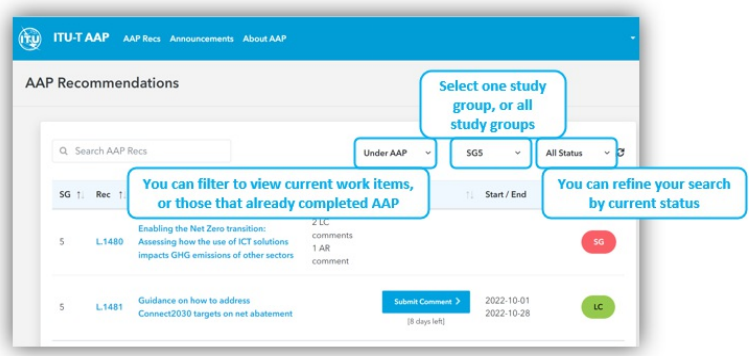
Annex 2

(To TSB AAP-11)

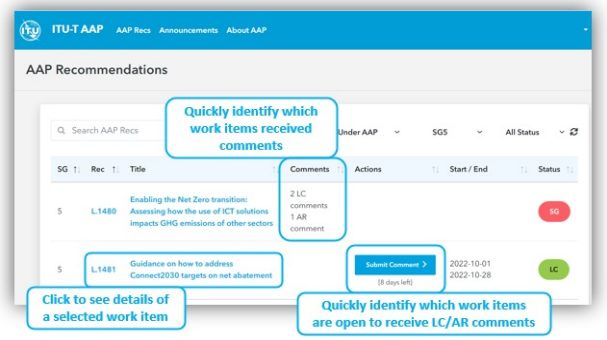
Using the on-line comment submission form

Comment submission

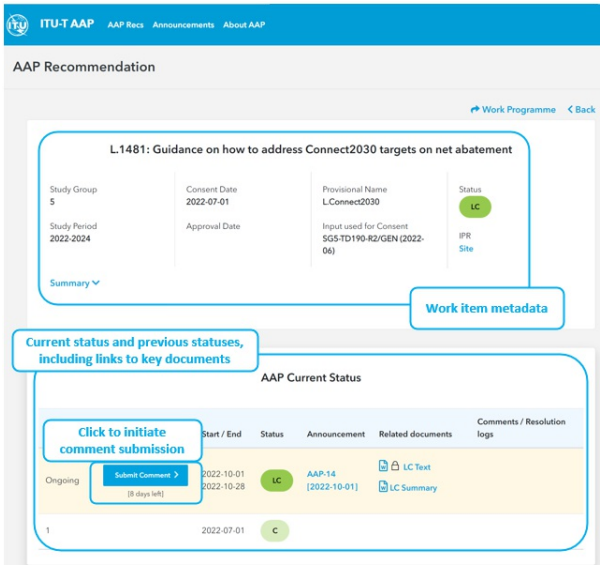
1. Go to AAP site https://www.itu.int/t/aap/aap-recs and select an AAP Recommendation:



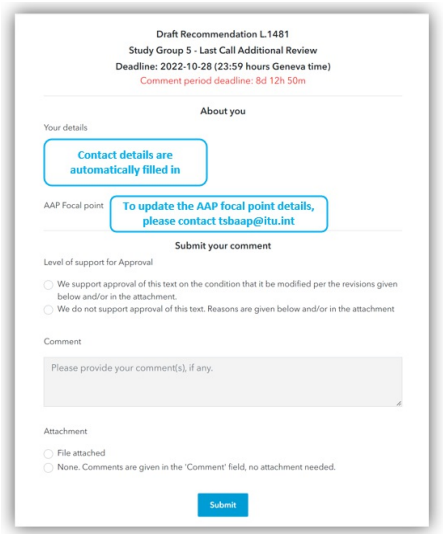
2) Select your Recommendation



3) Click the "Submit Comment" button



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



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

Annex 3

(To TSB AAP-11)

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.