International Telecommunication Union
Telecommunication Standardization Bureau

Geneva, 1/11/2023

Ref:	**TSB AAP-39**	– To Administrations of Member States of the Union;
	AAP/SO	– 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:**

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/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-39:

Total Recommendations under AAP: 31

Total Recommendations Approved: 15

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

Situation concerning Study Group 12 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.1092 (G.TeleMeTax)	Taxonomy of telemeetings from a QoE perspective (Summary)	2023-10-01 2023-10-28	A					A
P.910	Subjective video quality assessment methods for multimedia applications (Summary)	2023-10-01 2023-10-28	A					A
P.1204	Video quality assessment of streaming services over reliable transport for resolutions up to 4K (Summary)	2023-10-01 2023-10-28	A					A
P.1204.5	Video quality assessment of streaming services over reliable transport for resolutions up to 4K with access to transport and received pixel information (Summary)	2023-10-01 2023-10-28	A					A
P.1211 (P.DiAQoSE)	Derivation procedure of contribution values for quality degradation of adaptive audiovisual streaming services (Summary)	2023-10-01 2023-10-28	A					A
Y.1567 (Y.LUL)	Latency Under Load metrics and methods of measurement (Summary)	2023-10-01 2023-10-28	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	
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	LJ	SG				AC
Y.3540 (Y.ec-reqts)	Edge computing - Overview and high-level requirements (Summary)	2023-04-16 2023-05-13	LJ	AR	2023-10-01 2023-10-21	AC		AC
Y.3802 Amd1 (Y.3802)	Quantum key distribution networks - Functional architecture (Summary)	2023-11-01 2023-11-28						LC
Y.3803 Amd1 (Y.3803)	Quantum key distribution networks - Key management (Summary)	2023-11-01 2023-11-28						LC
Y.3804 Amd1 (Y.3804)	Quantum key distribution networks - Control and management (Summary)	2023-11-01 2023-11-28						LC
Y.3805 Amd1 (Y.3805)	Quantum key distribution networks - Software-defined networking control (Summary)	2023-11-01 2023-11-28						LC
Y.3811 Amd1 (Y.3811)	Quantum key distribution networks - Functional architecture for quality of service assurance (Summary)	2023-11-01 2023-11-28						LC
Y.3814 Amd1 (Y.3814)	Quantum key distribution networks - Functional requirements and architecture for machine learning enablement (Summary)	2023-11-01 2023-11-28						LC

Situation concerning Study Group 16 Recommendations under AAP

Rec #	Title	Last Call (LC)			Additional Review (AR)			Status
		Start / End	LC Result	LJ Result	Start / End	AR Result	AJ Result	
F.743.23 (F.VSSReqs)	Security requirements for video surveillance systems (Summary)	2023-10-01 2023-10-28	A					A

Situation concerning Study Group 17 Recommendations under AAP

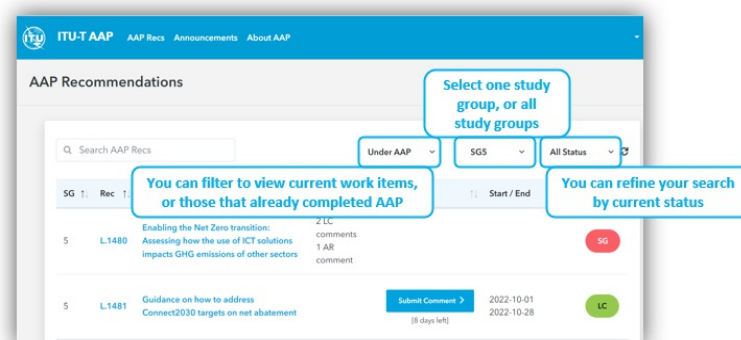| Rec #	Title	Last Call (LC)			Additional Review (AR)			Status
		Start / End	LC Result	LJ Result	Start / End	AR Result	AJ Result	
X.509 Cor. 2	Information Technology - Open systems Interconnection - The Directory Public-key and attribute certificate frameworks : Corrigendum 2 (Summary)	2023-10-01 2023-10-28	A					A
X.510	Information Technology - Open systems Interconnection - The Directory - Protocol specifications for secure operations (Summary)	2023-10-01 2023-10-28	A					A
X.590 (X.jss)	JSON Signature Scheme (JSS) (Summary)	2023-10-01 2023-10-28	A					A
Z.161	Testing and Test Control Notation version 3: TTCN-3 core language (Summary)	2023-10-01 2023-10-28	A					A
Z.166	Testing and Test Control Notation version 3: TTCN-3 control interface (TCI) (Summary)	2023-10-01 2023-10-28	A					A
Z.171	Testing and Test Control Notation version 3: Using JSON with TTCN-3 (Summary)	2023-10-01 2023-10-28	A					A

Situation concerning Study Group 20 Recommendations under AAP

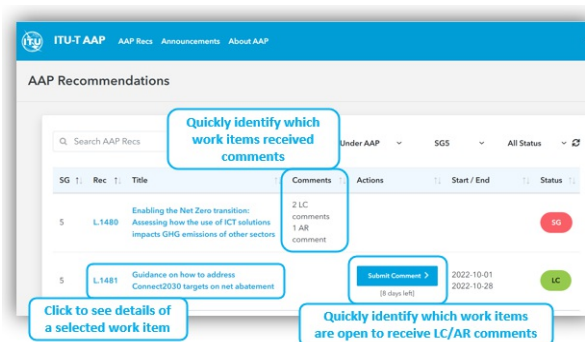| Rec #	Title	Last Call (LC)			Additional Review (AR)			Status
		Start / End	LC Result	LJ Result	Start / End	AR Result	AJ Result	
Y.4224 (Y.dtf-reqts)	Requirements for digital twin federation in smart cities and communities (Summary)	2023-11-01 2023-11-28						LC
Y.4489 (Y.dtf-rach)	Reference architecture of digital twin federation in smart cities and communities (Summary)	2023-11-01 2023-11-28						LC
Y.4490 (Y.water-SFP)	Framework of monitoring of water system for smart fire protection (Summary)	2023-11-01 2023-11-28						LC
Y.4491 (Y.BC-SON)	Framework of blockchain-based self-organization networking in IoT environments (Summary)	2023-11-01 2023-11-28						LC
Y.4492 (Y.dec-IoT-arch)	Decentralized IoT communication architecture based on information centric networking and blockchain (Summary)	2023-11-01 2023-11-28						LC
Y.4493 (Y.IoT-AOS-prot)	Autonomic operations support protocols in the Internet of things (Summary)	2023-11-01 2023-11-28						LC
Y.4494 (Y.CDML-arc)	Reference architecture of collaborative decentralized machine learning for intelligent IoT services (Summary)	2023-11-01 2023-11-28						LC
Y.4495 (Y.DSGS-reqts)	Requirements and a reference model of data for smart greenhouse service (Summary)	2023-11-01 2023-11-28						LC
Y.4605 (Y.dtf-infoex)	Information exchange model for digital twin federation in smart cities and communities (Summary)	2023-11-01 2023-11-28						LC
Y.4606 (Y.DSGS-dms)	Requirements and functional model of data management system for smart greenhouse service (Summary)	2023-11-01 2023-11-28						LC

Annex 2

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:
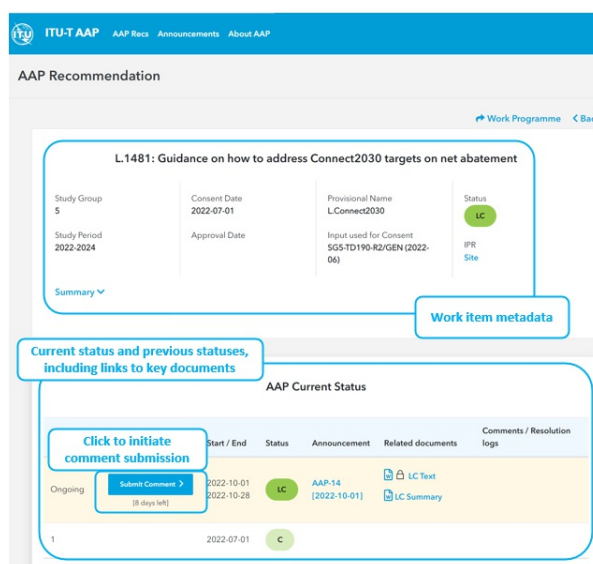

2) Select your Recommendation

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

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.