



Geneva, 1/05/2024

Ref: **TSB AAP-50**  
AAP/SO

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

Tel: +41 22 730 5860

Fax: +41 22 730 5853

E-mail: [tsbdir@itu.int](mailto:tsbdir@itu.int)

**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-50:**

Total Recommendations under AAP: 27

Total Recommendations Approved: 17

**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	<a href="https://www.itu.int/go/tsg2">https://www.itu.int/go/tsg2</a>	<a href="mailto:tsbsg2@itu.int">tsbsg2@itu.int</a>
SG3	<a href="https://www.itu.int/go/tsg3">https://www.itu.int/go/tsg3</a>	<a href="mailto:tsbsg3@itu.int">tsbsg3@itu.int</a>
SG5	<a href="https://www.itu.int/go/tsg5">https://www.itu.int/go/tsg5</a>	<a href="mailto:tsbsg5@itu.int">tsbsg5@itu.int</a>
SG9	<a href="https://www.itu.int/go/tsg9">https://www.itu.int/go/tsg9</a>	<a href="mailto:tsbsg9@itu.int">tsbsg9@itu.int</a>
SG11	<a href="https://www.itu.int/go/tsg11">https://www.itu.int/go/tsg11</a>	<a href="mailto:tsbsg11@itu.int">tsbsg11@itu.int</a>
SG12	<a href="https://www.itu.int/go/tsg12">https://www.itu.int/go/tsg12</a>	<a href="mailto:tsbsg12@itu.int">tsbsg12@itu.int</a>
SG13	<a href="https://www.itu.int/go/tsg13">https://www.itu.int/go/tsg13</a>	<a href="mailto:tsbsg13@itu.int">tsbsg13@itu.int</a>
SG15	<a href="https://www.itu.int/go/tsg15">https://www.itu.int/go/tsg15</a>	<a href="mailto:tsbsg15@itu.int">tsbsg15@itu.int</a>
SG16	<a href="https://www.itu.int/go/tsg16">https://www.itu.int/go/tsg16</a>	<a href="mailto:tsbsg16@itu.int">tsbsg16@itu.int</a>
SG17	<a href="https://www.itu.int/go/tsg17">https://www.itu.int/go/tsg17</a>	<a href="mailto:tsbsg17@itu.int">tsbsg17@itu.int</a>
SG20	<a href="https://www.itu.int/go/tsg20">https://www.itu.int/go/tsg20</a>	<a href="mailto:tsbsg20@itu.int">tsbsg20@itu.int</a>

## 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	
<a href="#">E.813</a> <a href="#">(E.MVS)</a>	Mapping and visualization strategies for the assessment of connectivity ( <a href="#">Summary</a> )	2024-05-01 2024-05-28						LC
<a href="#">G.191</a> <a href="#">(2024-04)</a>	Software tools for speech and audio coding standardization ( <a href="#">Summary</a> )	2024-05-01 2024-05-28						LC
<a href="#">G.1052</a> <a href="#">(Y.TestBed)</a>	Testbed framework for mobile application QoS and QoE evaluation ( <a href="#">Summary</a> )	2024-05-01 2024-05-28						LC
<a href="#">P.10/G.100</a> <a href="#">Amd.2</a>	Vocabulary for performance, quality of service and quality of experience. Amendment 2 New definitions for inclusion in Recommendation ITU-T P.10/G.100 ( <a href="#">Summary</a> )	2024-05-01 2024-05-28						LC
<a href="#">P.812</a> <a href="#">(P.IntVR)</a>	Principles of subjective test methods for interactive virtual reality (VR) applications ( <a href="#">Summary</a> )	2024-05-01 2024-05-28						LC
<a href="#">P.833.2</a>	Methodology for the derivation of equipment impairment factors from subjective listening only tests for fullband speech codecs ( <a href="#">Summary</a> )	2024-05-01 2024-05-28						LC
<a href="#">P.863.2</a> <a href="#">(2024-04)</a>	Extension of ITU-T P.863 for multi-dimensional assessment of degradations in telephony speech signals up to fullband ( <a href="#">Summary</a> )	2024-05-01 2024-05-28						LC

## 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	
<a href="#">Y2250 (Y.fmsl)</a>	Requirements and Framework of Human-oriented Message Service for Smart Learning in Future Network ( <a href="#">Summary</a> )	2024-04-01 2024-04-28	A					A
<a href="#">Y2502 (Y.ARA-CPN)</a>	Computing power network - Authentication and orchestration architecture ( <a href="#">Summary</a> )	2024-04-01 2024-04-28	LJ					LJ
<a href="#">Y3062 (Y.TIAN-eval)</a>	Trustworthiness Evaluation for IMT-2020 and Beyond with Autonomous Network Functions ( <a href="#">Summary</a> )	2024-04-01 2024-04-28	LJ					LJ
<a href="#">Y3073 (2019) Amd. 1</a>	Framework for service chaining in information-centric networking ( <a href="#">Summary</a> )	2024-04-01 2024-04-28	A					A
<a href="#">Y3129 (Y.det-FQ-rf)</a>	Requirements and framework for stateless fair queuing in large scale networks including IMT-2020 and beyond ( <a href="#">Summary</a> )	2024-04-01 2024-04-28	A					A
<a href="#">Y3142 (Y.IMT2020-AINDO-reg-frame)</a>	Requirements and framework for AI/ML-based network design optimization in future networks including IMT-2020 ( <a href="#">Summary</a> )	2024-04-01 2024-04-28	A					A
<a href="#">Y3162 (Y.IMT2020-EIL)</a>	Evaluating intelligence capability for network slice management and orchestration in IMT-2020 network and beyond ( <a href="#">Summary</a> )	2024-04-01 2024-04-28	A					A
<a href="#">Y3186 (Y.IMT2020-DJLML)</a>	Requirements and framework for distributed joint learning to enable machine learning in future networks including IMT-2020 ( <a href="#">Summary</a> )	2024-04-01 2024-04-28	A					A
<a href="#">Y3207 (Y.FMSC-INCA)</a>	Fixed, mobile and satellite convergence - Integrated network control architecture framework for IMT-2020 networks and beyond ( <a href="#">Summary</a> )	2024-04-01 2024-04-28	A					A
<a href="#">Y3551 (Y.ccdm-reqts)</a>	Cloud computing - Framework and functional requirements of cloud data mobility management ( <a href="#">Summary</a> )	2024-04-01 2024-04-28	LJ					LJ
<a href="#">Y3658 (Y.bDDN-NP-ReqArch)</a>	Big Data Driven Networking- Functional requirements and functional architecture of network programmability ( <a href="#">Summary</a> )	2024-04-01 2024-04-28	A					A
<a href="#">Y3820 (Y.QKDNi-SDNC)</a>	Quantum Key Distribution Network Interworking - Software Defined Networking Control ( <a href="#">Summary</a> )	2024-04-01 2024-04-28	A					A
<a href="#">Y3821 (Y.QKDN-rsrq)</a>	Quantum key distribution networks - requirements for resilience ( <a href="#">Summary</a> )	2024-04-01 2024-04-28	A					A

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	
<a href="#">G.798 (2022) Amd.1</a>	Characteristics of optical transport network hierarchy equipment functional blocks - Amendment 1 ( <a href="#">Summary</a> )	2023-12-16 2024-01-12	LJ	AR	2024-04-01 2024-04-21	AC		AC

## Situation concerning Study Group 17 Recommendations under AAP

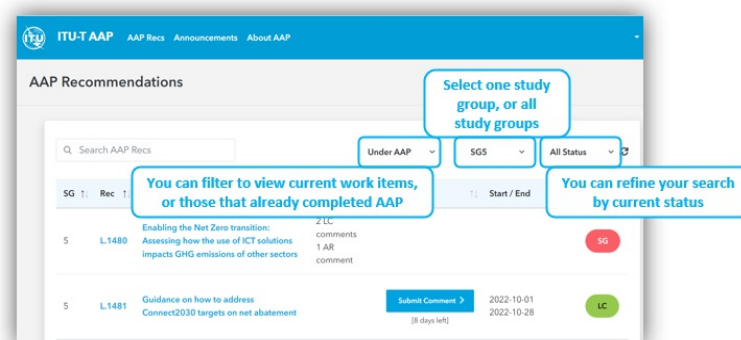
Rec #	Title	Last Call (LC)			Additional Review (AR)			Status
		Start / End	LC Result	LJ Result	Start / End	AR Result	AJ Result	
<a href="#">X.1144</a>	eXtensible Access Control Markup Language (XACML) 3.1 ( <a href="#">Summary</a> )	2024-04-01 2024-04-28	A					A
<a href="#">X.1455 (X.smsrc)</a>	Security measure for smart residential community ( <a href="#">Summary</a> )	2024-04-01 2024-04-28	A					A
<a href="#">X.1713 (X.sec-QKDN-tn)</a>	Security requirements for the protection of quantum key distribution nodes ( <a href="#">Summary</a> )	2024-04-01 2024-04-28	A					A
<a href="#">X.1715 (2022) Amd1 (X.1715Amd1)</a>	Security requirements and measures for integration of quantum key distribution network and secure storage network ( <a href="#">Summary</a> )	2024-04-01 2024-04-28	A					A
<a href="#">X.1771 (X.guide-cdd)</a>	Security guidelines for combining de-identified data using trusted third party ( <a href="#">Summary</a> )	2024-04-01 2024-04-28	A					A
<a href="#">X.2011 (X.sg-dtn)</a>	Security Guidelines for Digital Twin Network ( <a href="#">Summary</a> )	2024-04-01 2024-04-28	A					A

(To TSB AAP-50)

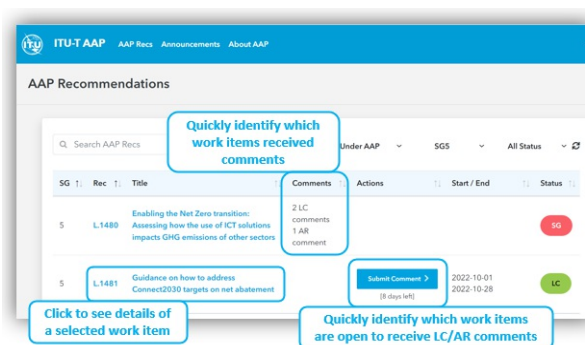
## Using the on-line comment submission form

### Comment submission

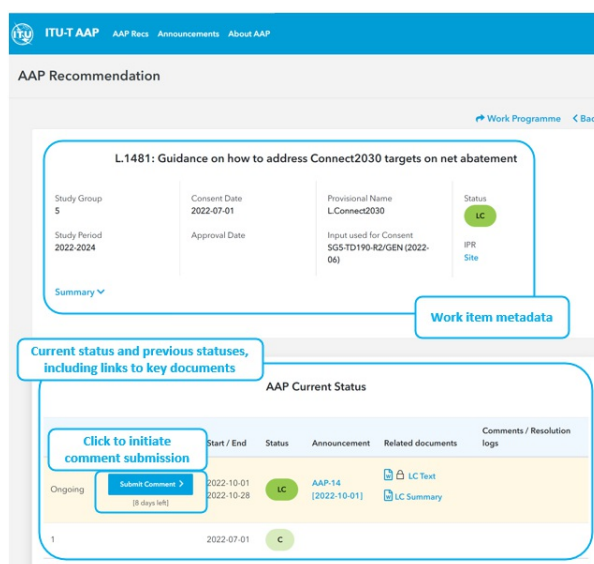
1. Go to AAP site <https://www.itu.int/t/aap/aap-recs> and select an AAP Recommendation:



- 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

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**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](mailto:tsbaap@itu.int)

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**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-50)

**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](mailto: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.