



Geneva, 16/06/2023

Ref: **TSB AAP-30**  
AAP/SO

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

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**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-30:**

Total Recommendations under AAP: 38

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 9 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="#">J.152</a> <a href="#">(J.cable-5G-req)</a>	Requirements for cable television services to use 5G radio system ( <a href="#">Summary</a> )	2023-06-16 2023-07-13						LC
<a href="#">J.224</a>	Fifth-generation transmission systems for interactive cable television services - IP cable modems ( <a href="#">Summary</a> )	2023-06-16 2023-07-13						LC
<a href="#">J.225</a>	Fourth-generation transmission systems for interactive cable television services - IP cable modems ( <a href="#">Summary</a> )	2023-06-16 2023-07-13						LC
<a href="#">J.299</a>	Functional requirements for remote management of cable set-top box by auto configuration server ( <a href="#">Summary</a> )	2023-06-16 2023-07-13						LC
<a href="#">J.484</a> <a href="#">(J.cable-mabr)</a>	Requirements of multicast adaptive bitrate (M-ABR) IP delivery ( <a href="#">Summary</a> )	2023-06-16 2023-07-13						LC
<a href="#">J.1036</a> <a href="#">(J.FSR-REQ)</a>	Factual subscriber-base reporting and protected content delivery in conditional access system - Requirements ( <a href="#">Summary</a> )	2023-06-16 2023-07-13						LC
<a href="#">J.1112</a> <a href="#">(J.FSPEC-DVCS)</a>	Functional Requirements for IP-based Digital Video Convergence Service ( <a href="#">Summary</a> )	2023-06-16 2023-07-13						LC
<a href="#">J.1305</a> <a href="#">(J.mma-req)</a>	Requirements of microservice architecture for audio-visual media in the converged media cloud ( <a href="#">Summary</a> )	2023-06-16 2023-07-13						LC
<a href="#">J.1306</a> <a href="#">(J.mma-spec)</a>	Specification of microservice architecture for audio-visual media in the converged media cloud ( <a href="#">Summary</a> )	2023-06-16 2023-07-13						LC
<a href="#">J.1612</a>	The Architecture for Smart Home Gateway ( <a href="#">Summary</a> )	2023-06-16 2023-07-13						LC

**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	
<a href="#">Q.3063 - Corr 1</a> <a href="#">(Q.3063 - Corr 1)</a>	Signalling procedures of calling line identification authentication ( <a href="#">Summary</a> )	2023-06-16 2023-07-13						LC
<a href="#">Q.4140 (Q.CPN)</a>	Signalling requirements for service deployment in computing power network ( <a href="#">Summary</a> )	2023-06-16 2023-07-13						LC
<a href="#">Q.5006 (Q.hns)</a>	Signalling requirements for hierarchical network slicing service ( <a href="#">Summary</a> )	2023-06-16 2023-07-13						LC
<a href="#">Q.5026 (Q.DIVS-IMT2020)</a>	Signalling Requirements and Protocol for Providing Network-oriented Data Integrity Verification Service based on Blockchain in IMT-2020 network ( <a href="#">Summary</a> )	2023-06-16 2023-07-13						LC
<a href="#">Q.5027 (Q.IITSN)</a>	Protocol for IMT-2020 network integration with Time Sensitive Network ( <a href="#">Summary</a> )	2023-06-16 2023-07-13						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	
<a href="#">G.698.1</a>	Multichannel DWDM applications with single-channel optical interfaces ( <a href="#">Summary</a> )	2023-05-16 2023-06-12	A					A
<a href="#">G.698.4</a>	Multichannel bi-directional DWDM applications with port agnostic single-channel optical interfaces ( <a href="#">Summary</a> )	2023-05-16 2023-06-12	A					A
<a href="#">G.709.1/Y.1331 Amd.4</a>	Flexible OTN short-reach interfaces - Amendment 4 ( <a href="#">Summary</a> )	2023-05-16 2023-06-12	LJ					LJ
<a href="#">G.798</a>	Characteristics of optical transport network hierarchy equipment functional blocks ( <a href="#">Summary</a> )	2023-05-16 2023-06-12	LJ					LJ
<a href="#">G.987.2 Amd.1</a>	10-Gigabit-capable passive optical networks (XG-PON): Physical media dependent (PMD) layer specification - Amendment 1 ( <a href="#">Summary</a> )	2023-05-16 2023-06-12	A					A
<a href="#">G.989.3 Amd.1</a>	40-Gigabit-capable passive optical networks (NG-PON2): Transmission convergence layer specification - Amendment 1 ( <a href="#">Summary</a> )	2023-05-16 2023-06-12	A					A
<a href="#">G.8013/Y.1731</a>	Operation, administration and maintenance (OAM) functions and mechanisms for Ethernet-based networks ( <a href="#">Summary</a> )	2023-05-16 2023-06-12	A					A
<a href="#">G.8051/Y.1345 Amd.1</a>	Management aspects of the Ethernet transport (ET) capable network element - Amendment 1 ( <a href="#">Summary</a> )	2023-05-16 2023-06-12	A					A
<a href="#">G.8251 Cor.1</a>	The control of jitter and wander within the optical transport network (OTN) - Corrigendum 1 ( <a href="#">Summary</a> )	2023-05-16 2023-06-12	A					A
<a href="#">G.8271.1/Y.1366.1 Amd.1</a>	Network limits for time synchronization in packet networks with full timing support from the network - Amendment 1 ( <a href="#">Summary</a> )	2023-05-16 2023-06-12	A					A
<a href="#">G.8273.2/Y.1368.2</a>	Timing characteristics of telecom boundary clocks and telecom time synchronous clocks for use with full timing support from the network ( <a href="#">Summary</a> )	2023-05-16 2023-06-12	A					A
<a href="#">G.8273/Y.1368</a>	Framework of phase and time clocks ( <a href="#">Summary</a> )	2023-05-16 2023-06-12	A					A
<a href="#">G.9701 Cor.4</a>	Fast access to subscriber terminals (G.fast) - Physical layer specification: Corrigendum 4 ( <a href="#">Summary</a> )	2023-05-16 2023-06-12	A					A
<a href="#">G.9711 Cor.2</a>	Multi-gigabit fast access to subscriber terminals (MGfast) - Physical layer specification - Corrigendum 2 ( <a href="#">Summary</a> )	2023-05-16 2023-06-12	A					A

Rec #	Title	Last Call (LC)			Additional Review (AR)			Status
		Start / End	LC Result	LJ Result	Start / End	AR Result	AJ Result	
<a href="#">G.9802.2 (G.WDMPON.pmd&amp;tc)</a>	Wavelength division multiplexed passive optical networks (WDM PON): physical media dependent (PMD) layer and transmission convergence (TC) layer specification ( <a href="#">Summary</a> )	2023-05-16 2023-06-12	LJ					LJ
<a href="#">G.9805 Amd.1</a>	Coexistence of Passive Optical Network Systems -Amendment 1 ( <a href="#">Summary</a> )	2023-05-16 2023-06-12	A					A
<a href="#">G.9806 Amd.3</a>	Higher-speed bidirectional, single fibre, point-to-point optical access system (HS-PtP) - Amendment 3 ( <a href="#">Summary</a> )	2023-05-16 2023-06-12	LJ					LJ
<a href="#">G.9940 (G.fin-SA)</a>	High speed fibre-based in-premises transceivers - system architecture ( <a href="#">Summary</a> )	2023-05-16 2023-06-12	LJ					LJ
<a href="#">G.9960</a>	Unified high-speed wireline-based home networking transceivers - System architecture and physical layer specification ( <a href="#">Summary</a> )	2023-05-16 2023-06-12	A					A
<a href="#">G.9961</a>	Unified high-speed wireline-based home networking transceivers - Data link layer specification ( <a href="#">Summary</a> )	2023-05-16 2023-06-12	LJ					LJ
<a href="#">G.9963</a>	Unified high-speed wireline-based home networking transceivers - Multiple input/multiple output specification ( <a href="#">Summary</a> )	2023-05-16 2023-06-12	A					A
<a href="#">L.340</a>	Maintenance of telecommunication underground facilities ( <a href="#">Summary</a> )	2023-05-16 2023-06-12	A					A

Situation concerning Study Group 17 Recommendations under AAP

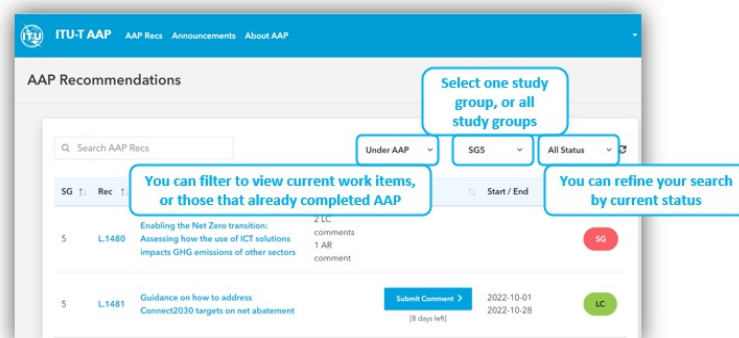
Rec #Title		Last Call (LC)			Additional Review (AR)			Status
		Start / End	LC Result	LJ Result	Start / End	AR Result	AJ Result	
<a href="#">X.1051</a>	Information security, cybersecurity and privacy protection - Information security controls based on ISO/IEC 27002 for telecommunications organizations ( <a href="#">Summary</a> )	2023-05-16 2023-06-12	A					A

(To TSB AAP-30)

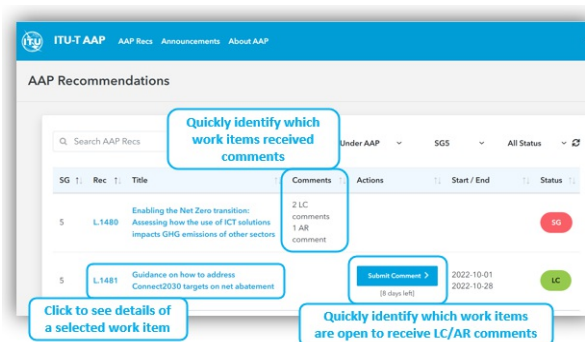
## Using the on-line comment submission form

### Comment submission

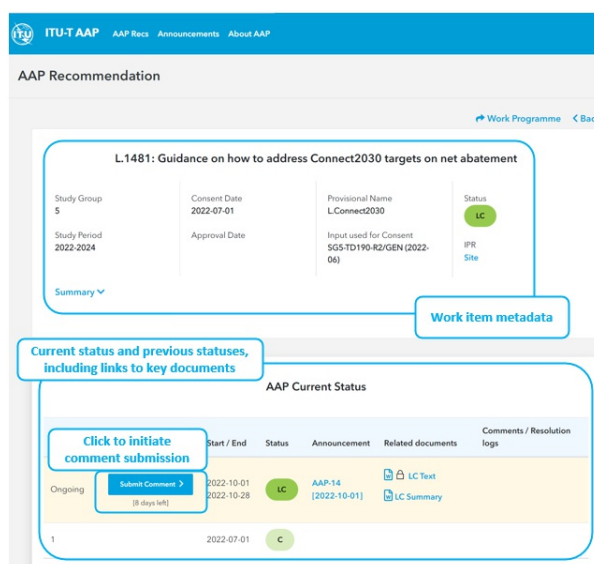
1. Go to AAP site <https://www.itu.int/t/aap/aap-recs> and select an AAP Recommendation:



- 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-30)

**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](mailto: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.