



# 国际电信联盟

电信标准化局

2019年0月6日, 日内瓦

参考号: 电信标准化局**AAP-68**  
AAP/CL

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- 致国际电联成员国各主管部门;

- 致ITU-T各部门成员;

- 致ITU-T部门准成员;

- 国际电联学术成员

**抄送:**

- 电信标准化局研究组主席和副主席;

- 电信发展局主任;

- 无线电通信局主任

事由: **有关采用替换批准程序 (AAP) 处理的建议书的情况**

先生/女士,

ITU-T A.8 建议书中规定的建议书替换批准程序 (AAP) 适用于那些不会产生政策或 监管影响、因而不需与成员国正式协商的建议书 (见国际电联《公约》第246B款)。

**附件1**列出了那些在以往电信标准化局AAP预告后地位发生变化的案文。

如您希望针对某个适用AAP的建议书提出意见, 请使用可在ITU-T网站AAP区域 (<https://www.itu.int/ITU-T/aap>) 的“建议书”网页上获取的《AAP意见在线提交表格》(见**附件2**)。或者, 可填妥**附件3**中的表格并将意见发送给相关研究组的秘书处。

敬请留意, 我们不鼓励提交仅支持通过所涉案文而没有实质内容的意见。

顺致敬意!

李在摄

电信标准化局主任

**附件: 3件**

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[www.itu.int](http://www.itu.int)

Annex 1

(to TSB AAP-68)

**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/ITU-T/aapinfo>

Note – A tutorial on the ITU-T AAP application is available under the AAP welcome page

**ITU-T website AAP Recommendation search page:**

<https://www.itu.int/ITU-T/aap/>

**Study Group web pages and contacts:**

SG 2	<a href="https://www.itu.int/ITU-T/studygroups/com02">https://www.itu.int/ITU-T/studygroups/com02</a>	<a href="mailto:tsbsg2@itu.int">tsbsg2@itu.int</a>
SG 3	<a href="https://www.itu.int/ITU-T/studygroups/com03">https://www.itu.int/ITU-T/studygroups/com03</a>	<a href="mailto:tsbsg3@itu.int">tsbsg3@itu.int</a>
SG 5	<a href="https://www.itu.int/ITU-T/studygroups/com05">https://www.itu.int/ITU-T/studygroups/com05</a>	<a href="mailto:tsbsg5@itu.int">tsbsg5@itu.int</a>
SG 9	<a href="https://www.itu.int/ITU-T/studygroups/com09">https://www.itu.int/ITU-T/studygroups/com09</a>	<a href="mailto:tsbsg9@itu.int">tsbsg9@itu.int</a>
SG 11	<a href="https://www.itu.int/ITU-T/studygroups/com11">https://www.itu.int/ITU-T/studygroups/com11</a>	<a href="mailto:tsbsg11@itu.int">tsbsg11@itu.int</a>
SG 12	<a href="https://www.itu.int/ITU-T/studygroups/com12">https://www.itu.int/ITU-T/studygroups/com12</a>	<a href="mailto:tsbsg12@itu.int">tsbsg12@itu.int</a>
SG 13	<a href="https://www.itu.int/ITU-T/studygroups/com13">https://www.itu.int/ITU-T/studygroups/com13</a>	<a href="mailto:tsbsg13@itu.int">tsbsg13@itu.int</a>
SG 15	<a href="https://www.itu.int/ITU-T/studygroups/com15">https://www.itu.int/ITU-T/studygroups/com15</a>	<a href="mailto:tsbsg15@itu.int">tsbsg15@itu.int</a>
SG 16	<a href="https://www.itu.int/ITU-T/studygroups/com16">https://www.itu.int/ITU-T/studygroups/com16</a>	<a href="mailto:tsbsg16@itu.int">tsbsg16@itu.int</a>
SG 17	<a href="https://www.itu.int/ITU-T/studygroups/com17">https://www.itu.int/ITU-T/studygroups/com17</a>	<a href="mailto:tsbsg17@itu.int">tsbsg17@itu.int</a>
SG 20	<a href="https://www.itu.int/ITU-T/studygroups/com20">https://www.itu.int/ITU-T/studygroups/com20</a>	<a href="mailto:tsbsg20@itu.int">tsbsg20@itu.int</a>

Situation concerning Study Group 5 Recommendations under AAP

Rec #	Title	Last Call (LC) Period				Additional Review (AR) Period				Status
		LC Start	LC End	LC Result	LJ Result	AR Start	AR End	AR Result	AJ Result	
<a href="#">K.20</a>	Resistibility of telecommunication equipment installed in a telecommunication centre to overvoltages and overcurrents ( <a href="#">Summary</a> )	2019-10-16	2019-11-12							LC
<a href="#">K.39</a>	Risk assessment of damages to telecommunication sites due to lightning discharges ( <a href="#">Summary</a> )	2019-10-16	2019-11-12							LC
<a href="#">K.40</a>	Protection against lightning electromagnetic pulses in telecommunication centres ( <a href="#">Summary</a> )	2019-10-16	2019-11-12							LC
<a href="#">K.66</a>	Protection of customer premises from overvoltages ( <a href="#">Summary</a> )	2019-10-16	2019-11-12							LC
<a href="#">K.73</a>	Shielding and bonding for cables between buildings ( <a href="#">Summary</a> )	2019-10-16	2019-11-12							LC
<a href="#">K.91</a>	Guidance for assessment, evaluation and monitoring of human exposure to radio frequency electromagnetic fields ( <a href="#">Summary</a> )	2019-10-16	2019-11-12							LC
<a href="#">K.142 (K.vss)</a>	Lightning protection and earthing of video surveillance system ( <a href="#">Summary</a> )	2019-10-16	2019-11-12							LC
<a href="#">K.143 (K.spdsafe)</a>	Guidance on safety relating to the use of surge protective devices and surge protective components in telecommunication terminal equipment ( <a href="#">Summary</a> )	2019-10-16	2019-11-12							LC

Rec #	Title	Last Call (LC) Period				Additional Review (AR) Period				Status
		LC Start	LC End	LC Result	LJ Result	AR Start	AR End	AR Result	AJ Result	
<a href="#">K.144 (K.appl6)</a>	Surge protective component application guide - Self-restoring thermally activated overcurrent protectors ( <a href="#">Summary</a> )	2019-10-16	2019-11-12							LC
<a href="#">K.145 (K.workers)</a>	Assessment and management of compliance with RF EMF exposure limits for workers at radiocommunication sites and facilities ( <a href="#">Summary</a> )	2019-10-16	2019-11-12							LC
<a href="#">L.1210 (L.5G_powering)</a>	Sustainable power-feeding solutions for 5G networks ( <a href="#">Summary</a> )	2019-10-16	2019-11-12							LC
<a href="#">L.1305 (L.DCIM)</a>	Data centre infrastructure management system based on big data and artificial intelligence technology ( <a href="#">Summary</a> )	2019-10-16	2019-11-12							LC
<a href="#">L.1316 (L.EEframe)</a>	Energy efficiency framework ( <a href="#">Summary</a> )	2019-10-16	2019-11-12							LC
<a href="#">L.1380 (L.SE_BS)</a>	Smart energy solution for telecom sites ( <a href="#">Summary</a> )	2019-10-16	2019-11-12							LC
<a href="#">L.1451 (L.MAAP)</a>	Methodology for assessing the aggregated positive sector-level impacts of ICT in other sectors ( <a href="#">Summary</a> )	2019-10-16	2019-11-12							LC
<a href="#">L.1470 (L.Trajectories)</a>	GHG emissions trajectories for the ICT sector compatible with the UNFCCC Paris Agreement ( <a href="#">Summary</a> )	2019-10-16	2019-11-12							LC

Situation concerning Study Group 9 Recommendations under AAP

Rec #	Title	Last Call (LC) Period				Additional Review (AR) Period				Status
		LC Start	LC End	LC Result	LJ Result	AR Start	AR End	AR Result	AJ Result	
<a href="#">J.1600 (J.pcnp-fmw)</a>	Premium Cable Network Platform (PCNP) - Framework ( <a href="#">Summary</a> )	2019-07-01	2019-07-28	LJ	AR	2019-09-16	2019-10-06	AC		AC

Situation concerning Study Group 12 Recommendations under AAP

Rec #	Title	Last Call (LC) Period				Additional Review (AR) Period				Status
		LC Start	LC End	LC Result	LJ Result	AR Start	AR End	AR Result	AJ Result	
<a href="#">G.1033 (G.DFS)</a>	QoS and QoE aspects of digital financial services ( <a href="#">Summary</a> )	2019-09-16	2019-10-13	A						A
<a href="#">Y.1540</a>	Internet protocol data communication service - IP packet transfer and availability performance parameters ( <a href="#">Summary</a> )	2019-06-01	2019-06-28	LJ	AR	2019-09-16	2019-10-06	AJ		AJ

Situation concerning Study Group 15 Recommendations under AAP

Rec #	Title	Last Call (LC) Period				Additional Review (AR) Period				Status
		LC Start	LC End	LC Result	LJ Result	AR Start	AR End	AR Result	AJ Result	
<a href="#">G.709/Y.1331 (2016) Cor.2</a>	Interfaces for the optical transport network: Corrigendum 2 ( <a href="#">Summary</a> )	2019-08-01	2019-08-28	LJ	AR	2019-10-16	2019-11-05			AR

Situation concerning Study Group 17 Recommendations under AAP

Rec #	Title	Last Call (LC) Period				Additional Review (AR) Period				Status
		LC Start	LC End	LC Result	LJ Result	AR Start	AR End	AR Result	AJ Result	
<a href="#">X.500</a>	Edition 9 of Rec. ITU-T X.500   ISO/IEC 9594-1 Information technology - Open Systems Interconnection - The Directory: Overview of concepts, models and services ( <a href="#">Summary</a> )	2019-09-16	2019-10-13	A						A
<a href="#">X.501</a>	Edition 9 of Rec. ITU-T X.501   ISO/IEC 9594-2 Information technology - Open Systems Interconnection - The Directory: Models ( <a href="#">Summary</a> )	2019-09-16	2019-10-13	A						A
<a href="#">X.509</a>	Edition 9 of Rec. ITU-T X.509   ISO/IEC 9594-8 Information technology - Open Systems Interconnection - The Directory: Public-key and attribute certificate frameworks ( <a href="#">Summary</a> )	2019-09-16	2019-10-13	A						A
<a href="#">X.511</a>	Edition 9 of Rec. ITU-T X.511   ISO/IEC 9594-3 Information technology - Open Systems Interconnection - The Directory: Abstract service definition ( <a href="#">Summary</a> )	2019-09-16	2019-10-13	A						A
<a href="#">X.518</a>	Edition 9 of Rec. ITU-T X.518   ISO/IEC 9594-4 Information technology - Open Systems Interconnection - The Directory: Procedures for distributed operation ( <a href="#">Summary</a> )	2019-09-16	2019-10-13	A						A
<a href="#">X.519</a>	Edition 9 of Rec. ITU-T X.519   ISO/IEC 9594-5 Information technology - Open Systems Interconnection - The Directory: Protocol specifications ( <a href="#">Summary</a> )	2019-09-16	2019-10-13	A						A



Rec #	Title	Last Call (LC) Period				Additional Review (AR) Period				Status
		LC Start	LC End	LC Result	LJ Result	AR Start	AR End	AR Result	AJ Result	
<a href="#">X.520</a>	Edition 9 of Rec. ITU-T X.520   ISO/IEC 9594-6 Information technology - Open Systems Interconnection - The Directory: Selected attribute types ( <a href="#">Summary</a> )	2019-09-16	2019-10-13	A						A
<a href="#">X.521</a>	Edition 9 of Rec. ITU-T X.521   ISO/IEC 9594-7 Information technology - Open Systems Interconnection - The Directory: Selected object classes ( <a href="#">Summary</a> )	2019-09-16	2019-10-13	A						A
<a href="#">X.525</a>	Edition 9 of Rec. ITU-T X.525   ISO/IEC 9594-9 Information technology - Open Systems Interconnection - The Directory: Replication ( <a href="#">Summary</a> )	2019-09-16	2019-10-13	A						A
<a href="#">X.694 (2015) Cor.1</a>	Information technology - ASN.1 encoding rules: Mapping W3C XML schema definitions into ASN.1 Corrigendum 1 ( <a href="#">Summary</a> )	2019-09-16	2019-10-13	A						A
<a href="#">X.893 (2007) Cor.1</a>	Information technology - Generic applications of ASN.1: Fast infosec security Technical Corrigendum 1 ( <a href="#">Summary</a> )	2019-09-16	2019-10-13	A						A
<a href="#">X.1702 (X.qrng-a)</a>	Quantum noise random number generator architecture ( <a href="#">Summary</a> )	2019-10-16	2019-11-12							LC
<a href="#">Z.100</a>	Specification and Description Language - Overview of SDL-2010 ( <a href="#">Summary</a> )	2019-09-16	2019-10-13	A						A
<a href="#">Z.100 Annex F1</a>	Specification and Description Language - Overview of SDL-2010 - SDL formal definition: General overview ( <a href="#">Summary</a> )	2019-09-16	2019-10-13	A						A

Rec #	Title	Last Call (LC) Period				Additional Review (AR) Period				Status
		LC Start	LC End	LC Result	LJ Result	AR Start	AR End	AR Result	AJ Result	
<a href="#">Z.100 Annex F2</a>	Specification and Description Language - Overview of SDL-2010 - SDL formal definition: Static semantics ( <a href="#">Summary</a> )	2019-09-16	2019-10-13	A						A
<a href="#">Z.100 Annex F3</a>	Specification and Description Language - Overview of SDL-2010 - SDL formal definition: Dynamic semantics ( <a href="#">Summary</a> )	2019-09-16	2019-10-13	A						A
<a href="#">Z.101</a>	Specification and Description Language - Basic SDL-2010 ( <a href="#">Summary</a> )	2019-09-16	2019-10-13	A						A
<a href="#">Z.102</a>	Specification and Description Language - Comprehensive SDL-2010 ( <a href="#">Summary</a> )	2019-09-16	2019-10-13	A						A
<a href="#">Z.103</a>	Specification and Description Language - Shorthand notation and annotation in SDL-2010 ( <a href="#">Summary</a> )	2019-09-16	2019-10-13	A						A
<a href="#">Z.104</a>	Specification and Description Language - Data and action language in SDL-2010 ( <a href="#">Summary</a> )	2019-09-16	2019-10-13	A						A
<a href="#">Z.105</a>	Specification and Description Language - SDL-2010 combined with ASN.1 modules ( <a href="#">Summary</a> )	2019-09-16	2019-10-13	A						A
<a href="#">Z.106</a>	Specification and Description Language - Common interchange format for SDL-2010 ( <a href="#">Summary</a> )	2019-09-16	2019-10-13	A						A
<a href="#">Z.107</a>	Specification and Description Language - Object-oriented data in SDL-2010 ( <a href="#">Summary</a> )	2019-09-16	2019-10-13	A						A

Rec #	Title	Last Call (LC) Period				Additional Review (AR) Period				Status
		LC Start	LC End	LC Result	LJ Result	AR Start	AR End	AR Result	AJ Result	
<a href="#">Z.161</a>	Testing and Test Control Notation version 3: TTCN-3 core language ( <a href="#">Summary</a> )	2019-09-16	2019-10-13	A						A
<a href="#">Z.161.2</a>	Testing and Test Control Notation version 3: TTCN-3 language extensions: Configuration and deployment support ( <a href="#">Summary</a> )	2019-09-16	2019-10-13	A						A
<a href="#">Z.161.6</a>	Testing and Test Control Notation version 3: TTCN-3 language extensions: Advanced Matching ( <a href="#">Summary</a> )	2019-09-16	2019-10-13	A						A
<a href="#">Z.161.7</a>	Testing and Test Control Notation version 3: TTCN-3 Language Extensions: Object-Oriented Features ( <a href="#">Summary</a> )	2019-09-16	2019-10-13	A						A
<a href="#">Z.166</a>	Testing and Test Control Notation version 3: TTCN-3 control interface (TCI) ( <a href="#">Summary</a> )	2019-09-16	2019-10-13	A						A
<a href="#">Z.169</a>	Testing and Test Control Notation version 3: Using XML schema with TTCN-3 ( <a href="#">Summary</a> )	2019-09-16	2019-10-13	A						A



Annex 2

(to TSB AAP-68)

Using the on-line comment submission form

Comment submission

- 1) Go to AAP search Web page at <https://www.itu.int/ITU-T/aap/>

- 2) Select your Recommendation

Recommendation_No	Title	Study_Group	State	Consent_Date	Approval_Date	Study_Period	Comment
<a href="#">G.711.1 (2008) Amd.1</a>	Wideband embedded extension for G.711 pulse code modulation; New Annex A on a reference floating-point implementation for G.711.1 and editorial corrections to the main body text	16	LC	2008-10-03		2005-2008	
G.718 (2008) Cor.1	Frame error robust narrowband and wideband embedded variable bit-rate coding of speech and audio from 8-32 kbit/s; Corrections to fixed-point C-code	16	LC	2008-10-03		2005-2008	
G.719 (2008) Amd.1	New Annex A on storage format definitions for G.719, and new Annex B on a reference floating-point implementation for G.719	16	LC	2008-10-03		2005-2008	
G.722.2 (2003) Cor.3	Wideband coding of speech at around 16 kbit/s using Adaptive Multi-Rate Wideband (AMR-WB); Corrections to text and C source code in Annex C	16	LC	2008-10-03		2005-2008	
G.729.1 (2006) Amd.5	G.729-based embedded variable bit-rate coder; An 8-32 kbit/s scalable wideband coder bitstream interoperable with G.729; New Annex D (Reference floating-point implementation for G.729.1 Annex C DTX/CNG) and corrections to the main body and Annex B	16	LC	2008-10-03		2005-2008	
H.264 (2007) Cor.1	Advanced video coding for generic audiovisual services: corrections and updates	16	LJ	2008-05-02		2005-2008	★

Total 6 records match.

3) Click the "Submit Comment" button

The screenshot shows the ITU AAP interface for Recommendation G.711.1 (2008) Amd.1. The 'Basic Information' table is as follows:

Title	Study Group	Current Status	Consent Date	Approval Date	Study Period	Provisional Name	IPR	Input used for Consent
Wideband embedded extension for G.711 pulse code modulation: New Annex A on a reference floating-point implementation for G.711.1 and editorial corrections to the main body text	16	LC	2008-10-03		2005-2008	G.711-WB-Float	?	TD 381-WP3

The 'AAP Process Details' table is as follows:

Last Call (LC)				Additional Review (AR)				Study Group (SG)	
LC Start	LC End	LC Result	LJ Result	AR Start	AR End	AR Result	AJ Result	SG Date	SG Result
2008-10-16	2008-11-12								
[AAP-92]									
LC - Text / Summary				AR - Text / Summary				SG Documents	
<a href="#">LC Text</a> <a href="#">LC Summary</a>									
LC - Comments				AR - Comments				SG Decisions	

A red arrow points to the 'Submit Comment' button at the bottom of the page.

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

Study group\*: SG16

Announcement number\*: AAP 92

Recommendation number\*: G.711.1 (2008) Amd.1

Recommendation under\*:  Last Call (LC)  Additional Review (AR)

Country: Adelie Land

Administration or Company\*: [Dropdown]

Email of contact (for AAP): [Dropdown]

Email of Administration or Company: [Text]

Technical contact email: [Text]

Sender name\*: [Text]

Sender email address\*: [Text]

Telephone: [Text]

**Comments: (Choose as applicable)**

We do not support this text. Reasons are given in the attachment.

We support this text on the condition that it be modified as per revision shown in the attachment.

**Observation:**

Comments or revised text should be sent as an attachment in reprocessable format such as RTF or Winword. Revision marks must be shown relative to the text posted by TSB.

Attach the file: [Text]

Note: Maximum file size is 10 Mb

No attachment Comments are given in the Observation field, no attachment needed

Please check your entries and click on **Submit to confirm**

If the submission is successful, you will get an acknowledgement report and receive an email containing this report.

For more information, read the AAP tutorial on:  
<https://www.itu.int/ITU-T/aapinfo/files/AAPTutorial.pdf>

(to TSB AAP-68)

**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)

**Country:** \_\_\_\_\_

**Administration/Company:** \_\_\_\_\_

**Name of AAP Contact Person:** \_\_\_\_\_

**Email of AAP Contact Person:** \_\_\_\_\_

**Sender name:** \_\_\_\_\_  
(if different from AAP Contact Person)

**Sender email address:** \_\_\_\_\_

**Telephone:** \_\_\_\_\_

**Comments:**  We do not support this text. Reasons are given in the attachment.  
(Choose as applicable)  We support this text on the condition that it be modified as per  
revision shown in the attachment.

**Observations:** \_\_\_\_\_

**No attachment:** Comments are given in the Observation 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 RTF or WinWord format.  
Revision marks must be shown relative to the text posted by TSB.