



UNION INTERNATIONALE DES  
TELECOMMUNICATIONS

*Bureau de la normalisation des télécommunications*

Genève, le 16 octobre 2019

Réf: **AAP-68** **TSB** – Aux administrations des Etats Membres de l'Union;  
AAP/CL – Aux Membres du Secteur UIT-T;  
– Aux Associés de l'UIT-T;  
Tél: – Aux établissements universitaires participant aux travaux de l'UIT  
Fax: +41 22 730 5860 **Copie:**  
E-mail: +41 22 730 5853 – Aux Présidents et Vice-Présidents des Commissions d'études de l'UIT-T;  
[tsbdir@itu.int](mailto:tsbdir@itu.int) – Au Directeur du Bureau de développement des télécommunications;  
– Au Directeur du Bureau des radiocommunications

Objet: **Etat des Recommandations auxquelles s'applique la variante de la procédure d'approbation (AAP)**

Madame, Monsieur,

La variante de la procédure d'approbation (AAP), définie dans la Recommandation UIT-T A.8, s'applique aux Recommandations qui n'ont pas d'incidence politique ou réglementaire et ne nécessitent donc pas une consultation formelle des Etats Membres (voir le numéro 246B de la Convention de l'UIT).

L'**Annexe 1** énumère les textes dont le statut a changé par rapport aux annonces TSB AAP antérieures.

Si vous souhaitez soumettre des observations sur une Recommandation ayant fait l'objet de la procédure AAP, vous êtes encouragés à utiliser le formulaire en ligne de soumission des observations AAP, disponible dans l'espace AAP du site web de l'UIT-T à l'adresse <https://www.itu.int/ITU-T/aap/>, à la page de la Recommandation concernée (voir l'**Annexe 2**). Vous pouvez aussi soumettre vos observations en remplissant le formulaire figurant à l'**Annexe 3** et en l'envoyant au secrétariat de la Commission d'études concernée.

Veuillez noter que les observations ayant simplement pour objet d'appuyer l'adoption du texte en question ne sont pas encouragées.

Veuillez agréer, Madame, Monsieur, l'assurance de ma considération distinguée.

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

**Annexes: 3**

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/>

International Telecommunication Union

AAP Info | AAP Search | Rec. Under AAP | AAP Announcements

### Search for Recommendation(s)

Status:  Under AAP  Approved  Not Approved

Study Period: 2005-2008

Study Group: All **a) Select study group**

Recommendation No.: (e.g. G.993 or G.993.2 or G.vdsl2)

Advanced Search

Search **b) Click here** Reset

- 2) Select your Recommendation

International Telecommunication Union

AAP Info | AAP Search | Rec. Under AAP | AAP Announcements

SEARCH CRITERIA: Status: 'Under AAP' Study Period: '2005-2008' Study Group: '16'

### AAP Recommendations

Recommendation_No	Title	Study_Group	State	Consent_Date	Approval_Date	Study_Period	Comment
<b>G.711.1 (2008) Amd.1</b>	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"

The form contains the following fields and options:

- 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:** [Text area]

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.**

A red arrow points to the 'Submit' button.

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.