



# UNIÓN INTERNACIONAL DE TELECOMUNICACIONES

*Oficina de Normalización de las Telecomunicaciones*

Ginebra, 01 de octubre de 2022

Ref: **TSB AAP-14** – A las Administraciones de los Estados Miembros de la Unión;  
AAP/CL – A los Miembros del Sector UIT-T;  
– A los Asociados del UIT-T;  
Tel: +41 22 730 5860 – A las Instituciones Académicas de la UIT  
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Correo-e: [tsbdir@itu.int](mailto:tsbdir@itu.int) **Copia:**  
– A los Presidentes y a los Vicepresidentes de las Comisiones de Estudio del  
UIT-T;  
– Al Director de la Oficina de Desarrollo de las Telecomunicaciones;  
– Al Director de la Oficina de Radiocomunicaciones

Asunto: **Situación de las Recomendaciones sometidas al proceso de aprobación alternativo (AAP)**

Muy señora mía/Muy señor mío:

El proceso de aprobación alternativo (AAP) definido en la Recomendación A.8 del UIT-T se aplica a las Recomendaciones que no tienen consecuencias en materia de política o reglamentación y que no requieren, por lo tanto, la consulta formal de los Estados Miembros (véase el número 246B del Convenio de la UIT).

En el **anexo 1** se enumera la lista de los textos cuyo estado ha cambiado con respecto a los anuncios TSB AAP precedentes.

Si desea formular un comentario en relación con una Recomendación sometida al AAP, le alentamos a utilizar el formulario de presentación de comentarios disponible en la página de la Recomendación que figura en el área AAP del sitio web del UIT-T, en la dirección <https://www.itu.int/ITU-T/aap/> (véase también el **anexo 2**). Alternativamente, pueden presentarse comentarios completando el formulario del **anexo 3** y remitiéndolo a la secretaría de la Comisión de Estudio correspondiente.

Le rogamos tenga en cuenta que no se alientan comentarios que se limiten a apoyar la adopción del texto en cuestión.

Le saluda atentamente,

Chaesub Lee  
Director de la Oficina de  
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**Anexos: 3**

Annex 1

(to TSB AAP-14)

**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="#">L.1333 (L.NCle)</a>	Carbon data intensity for network energy performance monitoring ( <a href="#">Summary</a> )	2022-07-16	2022-08-12	LJ	AR	2022-09-01	2022-09-21	AC		AC
<a href="#">L.1481 (L.Connect2030)</a>	Guidance on how to address Connect2030 targets on net abatement ( <a href="#">Summary</a> )	2022-10-01	2022-10-28							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.1</a>	Terms, definitions and acronyms for television and sound transmission and integrated broadband cable networks ( <a href="#">Summary</a> )	2022-10-01	2022-10-28							LC
<a href="#">J.224</a>	Fifth-generation transmission systems for interactive cable television services - IP cable modems ( <a href="#">Summary</a> )	2022-10-01	2022-10-28							LC
<a href="#">J.225</a>	Fourth-generation transmission systems for interactive cable television services - IP cable modems ( <a href="#">Summary</a> )	2022-10-01	2022-10-28							LC
<a href="#">J.1611</a>	Functional requirements for Smart Home Gateway ( <a href="#">Summary</a> )	2022-10-01	2022-10-28							LC

Situation concerning Study Group 11 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="#">Q.3062 (Q.Pro-Trust)</a>	Signalling procedures and protocols for enabling interconnection between trustable network entities in support of existing and emerging networks ( <a href="#">Summary</a> )	2022-09-01	2022-09-28	AT						AT
<a href="#">Q.3063 (Q.CIDA)</a>	Signalling procedures of calling line identification authentication ( <a href="#">Summary</a> )	2022-09-01	2022-09-28	A						A
<a href="#">Q.3406 (Q.telemetry-VBNS)</a>	Signalling requirements for telemetry of virtual broadband network services ( <a href="#">Summary</a> )	2022-09-01	2022-09-28	A						A
<a href="#">Q.3721 (Q.BNG-P4switch)</a>	Procedures for Programming Protocol-Independent Packet Processors (p4) Switch-based vBNG ( <a href="#">Summary</a> )	2022-09-01	2022-09-28	A						A
<a href="#">Q.4069 (Q.GDC-IoT-test)</a>	Testing requirements and procedures for Internet of Things based green data centres ( <a href="#">Summary</a> )	2022-09-01	2022-09-28	A						A
<a href="#">Q.5025 (Q.PMUPF)</a>	Protocol for managing User Plane function in IMT-2020 network ( <a href="#">Summary</a> )	2022-09-01	2022-09-28	A						A

Situation concerning Study Group 13 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="#">Y.2344 (Y.IBN-reqts)</a>	Scenarios and requirements of Intent-Based Network for network evolution ( <a href="#">Summary</a> )	2022-09-01	2022-09-28	LJ						LJ
<a href="#">Y.3079 (Y.ICN-NMR)</a>	Information-Centric Networking in networks beyond IMT-2020: Framework of locally enhanced name mapping and resolution ( <a href="#">Summary</a> )	2022-09-01	2022-09-28	A						A
<a href="#">Y.3080 (Y.ICN-TL)</a>	Information-Centric Networking in networks beyond IMT-2020: Requirements and Mechanisms of Transport Layer ( <a href="#">Summary</a> )	2022-09-01	2022-09-28	A						A
<a href="#">Y.3081 (Y.SCid-fr)</a>	Self-Controlled Identity based on Blockchain: Requirements and Framework ( <a href="#">Summary</a> )	2022-09-01	2022-09-28	A						A
<a href="#">Y.3117 (Y.IMT2020-gos-req-se)</a>	Quality of service assurance-related requirements and framework for smart education supported by IMT-2020 and beyond ( <a href="#">Summary</a> )	2022-09-01	2022-09-28	A						A
<a href="#">Y.3118 (Y.IMT2020-jg-lsn)</a>	Requirements and framework for jitter guarantee in large scale networks including IMT-2020 and beyond ( <a href="#">Summary</a> )	2022-09-01	2022-09-28	A						A
<a href="#">Y.3137 (Y.FMC -AAEC-req)</a>	Technical requirements for supporting application addressing in edge computing for future networks including IMT-2020 ( <a href="#">Summary</a> )	2022-09-01	2022-09-28	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="#">Y.3138 (Y.FMC-EC)</a>	Unified multi-access edge computing for supporting fixed mobile convergence in IMT-2020 networks ( <a href="#">Summary</a> )	2022-09-01	2022-09-28	A						A
<a href="#">Y.3139 (Y.FMC-SDWAN)</a>	Fixed mobile convergence enhancements to support IMT-2020 based software-defined wide area networking service ( <a href="#">Summary</a> )	2022-09-01	2022-09-28	A						A
<a href="#">Y.3158 (Y.LSMEC)</a>	Local shunting for multi-access edge computing in IMT-2020 networks ( <a href="#">Summary</a> )	2022-09-01	2022-09-28	A						A
<a href="#">Y.3181 (Y.ML-IMT2020-SANDBOX)</a>	Architectural framework for Machine Learning Sandbox in future networks including IMT-2020 ( <a href="#">Summary</a> )	2022-09-01	2022-09-28	A						A
<a href="#">Y.3182 (Y.ML-IMT2020-E2E-MGMT)</a>	Machine learning based end-to-end multi-domain network slice management and orchestration ( <a href="#">Summary</a> )	2022-09-01	2022-09-28	A						A
<a href="#">Y.3537 (Y.mc-reqts)</a>	Cloud computing – Functional requirements of cloud service partner for multi-cloud ( <a href="#">Summary</a> )	2022-09-01	2022-09-28	A						A
<a href="#">Y.3538 (Y.ccgmfcd)</a>	Cloud computing - Global management framework of distributed cloud ( <a href="#">Summary</a> )	2022-09-01	2022-09-28	A						A
<a href="#">Y.3602 (Y.3602 (Rev))</a>	Big data - Functional requirements for data provenance ( <a href="#">Summary</a> )	2022-09-01	2022-09-28	LJ						LJ
<a href="#">Y.3655 (Y. bDDN-MCMec)</a>	Big data driven networking - management and control mechanisms ( <a href="#">Summary</a> )	2022-09-01	2022-09-28	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="#">Y.3810 (Y.QKDN-iwfr)</a>	Quantum key distribution network interworking - framework ( <a href="#">Summary</a> )	2022-09-01	2022-09-28	A						A
<a href="#">Y.3811 (Y.QKDN-gos-fa)</a>	Quantum key distribution networks - Functional architecture for quality of service assurance ( <a href="#">Summary</a> )	2022-09-01	2022-09-28	A						A
<a href="#">Y.3812 (Y.QKDN-gos-ml-req)</a>	Quantum key distribution networks - Requirements for machine learning based quality of service assurance ( <a href="#">Summary</a> )	2022-09-01	2022-09-28	LJ						LJ



Annex 2

(to TSB AAP-14)

Using the on-line comment submission form

Comment submission

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

- 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	
<a href="#">G.718 (2008) Cor.1</a>	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	
<a href="#">G.719 (2008) Amd.1</a>	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	
<a href="#">G.722.2 (2003) Cor.3</a>	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	
<a href="#">G.729.1 (2006) Amd.5</a>	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	
<a href="#">H.264 (2007) Cor.1</a>	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

**International Telecommunication Union**

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

**AAP Recommendation: G.711.1 (2008) Amd.1**

Work Programme: G.711.1 (2008) Amd.1

Basic Information									
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	

**Observation**

**AAP Process Details**

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	

**Submit Comment**

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

<b>Study group*:</b>	SG16
<b>Announcement number*:</b>	AAP 92
<b>Recommendation number*:</b>	G.711.1 (2008) Amd.1
<b>Recommendation under*:</b>	<input checked="" type="radio"/> Last Call (LC) <input type="radio"/> Additional Review (AR)
<b>Country:</b>	Adelie Land
<b>Administration or Company*:</b>	
<b>Email of contact (for AAP):</b>	
<b>Email of Administration or Company:</b>	
<b>Technical contact email:</b>	
<b>Sender name*:</b>	
<b>Sender email address*:</b>	
<b>Telephone:</b>	

**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 reprocessible format such as RTF or Winword. Revision marks must be shown relative to the text posted by TSB.

**Attach the file:**

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-14)

**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:**

*(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.

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

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