



# 国际电信联盟

电信标准化局

2022年 月 日, 日内瓦

参考号: 电信标准化局AAP-10  
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

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## Annex 1

(to TSB AAP-10)

### 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.114 (Revision of ITU-T K.114)</a> | Electromagnetic compatibility requirements and measurement methods for digital cellular mobile communication base station equipment ( <a href="#">Summary</a> ) | 2022-08-01            | 2022-08-28 |           |           |                               |        |           |           | LC     |

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="#">E.803</a>             | Quality of service parameters for supporting service aspects ( <a href="#">Summary</a> )                                                    | 2022-07-01            | 2022-07-28 | A         |           |                               |        |           |           | A      |
| <a href="#">G.191</a>             | Software tools for speech and audio coding standardization ( <a href="#">Summary</a> )                                                      | 2022-07-01            | 2022-07-28 | A         |           |                               |        |           |           | A      |
| <a href="#">G.1023 (G.NCAP)</a>   | Framework for capacity assessment of packet data services in mobile networks ( <a href="#">Summary</a> )                                    | 2022-07-01            | 2022-07-28 | A         |           |                               |        |           |           | A      |
| <a href="#">G.1036 (G.QoE-AR)</a> | Quality of experience (QoE) influencing factors for augmented reality (AR) services ( <a href="#">Summary</a> )                             | 2022-07-01            | 2022-07-28 | A         |           |                               |        |           |           | A      |
| <a href="#">P.64</a>              | Determination of sensitivity/frequency characteristics of local telephone systems ( <a href="#">Summary</a> )                               | 2022-07-01            | 2022-07-28 | A         |           |                               |        |           |           | A      |
| <a href="#">P.380</a>             | Electro-acoustic measurements on headsets ( <a href="#">Summary</a> )                                                                       | 2022-07-01            | 2022-07-28 | A         |           |                               |        |           |           | A      |
| <a href="#">P.581</a>             | Use of head and torso simulator for hands-free and handset terminal testing ( <a href="#">Summary</a> )                                     | 2022-07-01            | 2022-07-28 | A         |           |                               |        |           |           | A      |
| <a href="#">P.852 (P.SEC)</a>     | Subjective quality evaluation of text-based chatbots ( <a href="#">Summary</a> )                                                            | 2022-07-01            | 2022-07-28 | A         |           |                               |        |           |           | A      |
| <a href="#">P.863.2 (P.AMD)</a>   | Extension of P.863 for multi-dimensional assessment of degradations in telephony speech signals up to full-band ( <a href="#">Summary</a> ) | 2022-07-01            | 2022-07-28 | 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="#">P.910</a>              | Subjective video quality assessment methods for multimedia applications ( <a href="#">Summary</a> )                                                                                     | 2022-07-01            | 2022-07-28 | A         |           |                               |        |           |           | A      |
| <a href="#">P.1140</a>             | Speech communication requirements for emergency calls originating from vehicles ( <a href="#">Summary</a> )                                                                             | 2022-07-01            | 2022-07-28 | A         |           |                               |        |           |           | A      |
| <a href="#">P.1204.4</a>           | Video quality assessment of streaming services over reliable transport for resolutions up to 4K with access to full and reduced reference pixel information ( <a href="#">Summary</a> ) | 2022-07-01            | 2022-07-28 | A         |           |                               |        |           |           | A      |
| <a href="#">P.1320 (P.QXM)</a>     | QoE assessment of extended reality (XR) meetings ( <a href="#">Summary</a> )                                                                                                            | 2022-07-01            | 2022-07-28 | A         |           |                               |        |           |           | A      |
| <a href="#">P.1402 (P.MLGuide)</a> | Guidance for the development of machine learning based solutions for QoS/QoE prediction and network performances management in telecommunication scenarios ( <a href="#">Summary</a> )  | 2022-07-01            | 2022-07-28 | A         |           |                               |        |           |           | A      |
| <a href="#">Y.1545.2 (Y.COPI)</a>  | QoS metrics for continuity-of-performance of packet data based services ( <a href="#">Summary</a> )                                                                                     | 2022-07-01            | 2022-07-28 | A         |           |                               |        |           |           | A      |

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.1409 (X.ss-dlt)</a> | Security services based on distributed ledger technology ( <a href="#">Summary</a> ) | 2022-07-01            | 2022-07-28 | A         |           |                               |        |           |           | A      |

Situation concerning Study Group 20 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.4052 (Y.blockchain-terms)</a> | Vocabulary for blockchain for supporting Internet of things and smart cities and communities in data processing and management aspects ( <a href="#">Summary</a> ) | 2022-08-01            | 2022-08-28 |           |           |                               |        |           |           | LC     |
| <a href="#">Y.4216 (Y.infra)</a>            | Requirements of sensing and data collection system for city infrastructure ( <a href="#">Summary</a> )                                                             | 2022-08-01            | 2022-08-28 |           |           |                               |        |           |           | LC     |
| <a href="#">Y.4217 (Y.CS-framework)</a>     | Service requirements and capability framework for IoT-related crowdsourced systems ( <a href="#">Summary</a> )                                                     | 2022-08-01            | 2022-08-28 |           |           |                               |        |           |           | LC     |
| <a href="#">Y.4481 (Y.data-MP)</a>          | Framework for data middle-platform in IoT and smart sustainable cities ( <a href="#">Summary</a> )                                                                 | 2022-08-01            | 2022-08-28 |           |           |                               |        |           |           | LC     |
| <a href="#">Y.4482 (Y.IoT-SLF)</a>          | Requirements and framework for smart livestock farming based on the Internet of things ( <a href="#">Summary</a> )                                                 | 2022-08-01            | 2022-08-28 |           |           |                               |        |           |           | LC     |
| <a href="#">Y.4483 (Y.IoT-DSE-arc)</a>      | Reference architecture of service exposure for decentralized services for Internet of things applications ( <a href="#">Summary</a> )                              | 2022-08-01            | 2022-08-28 |           |           |                               |        |           |           | LC     |
| <a href="#">Y.4484 (Y.eHealth-Semantic)</a> | Framework to support Web of Objects ontology based semantic data interoperability of eHealth services ( <a href="#">Summary</a> )                                  | 2022-08-01            | 2022-08-28 |           |           |                               |        |           |           | LC     |
| <a href="#">Y.4600 (Y.scdt-regts)</a>       | Requirements and capabilities of a digital twin system for smart cities ( <a href="#">Summary</a> )                                                                | 2022-08-01            | 2022-08-28 |           |           |                               |        |           |           | LC     |



## Annex 2

(to TSB AAP-10)

### 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    |         |
| <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

The screenshot shows the ITU AAP (Administrative Approval Process) interface. At the top, there's a header with the ITU logo and navigation links. Below that, a banner displays 'AAP Recommendation: G.711.1 (2008) Amd.1'. The main content area is divided into sections: 'Basic Information' (a table with details like Title, Study Group, Current Status, etc.), 'Observation', and 'AAP Process Details' (a table with Last Call (LC) and Additional Review (AR) information). At the bottom of the 'AAP Process Details' section, a 'Submit Comment' button is highlighted with a red arrow.

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

The screenshot shows the ITU AAP online form. It contains several fields for user information and recommendations, including 'Study group', 'Announcement number', 'Recommendation number', 'Recommendation under', 'Country', 'Administration or Company', 'Email of contact', 'Email of Administration or Company', 'Technical contact email', 'Sender name', 'Sender email address', and 'Telephone'. Below these fields are radio buttons for 'Comments: (Choose as applicable)' and a text area for 'Observation'. There is also a section for 'Attach the file' with a 'Browse...' button and a note about the maximum file size. At the bottom, there is a 'Submit' button highlighted with a red arrow, and a note stating: '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-10)

**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  
[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.*