

# الاتحاد الدولي للاتصالات



مكتب تقييس الاتصالات

جنيف، اغسطس 2020 1

- إلى إدارات الدول الأعضاء في الاتحاد؛
- إلى أعضاء قطاع تقييس الاتصالات؛
- إلى المنتسبين إلى قطاع تقييس الاتصالات؛
- الهيئات الأكاديمية المنضمة إلى الاتحاد

TSB AAP-86

المرجع:

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البريد الإلكتروني:

نسخة إلى:

- رؤساء لجان الدراسات في قطاع تقييس الاتصالات ونوابهم؛
- مدير مكتب تنمية الاتصالات؛
- مدير مكتب الاتصالات الراديوية

الموضوع: حالة التوصيات الخاضعة لعملية الموافقة البديلة (AAP)

حضرات السادة والسيدات،

تحية طيبة وبعد،

تنطبق عملية الموافقة البديلة (AAP) المعرفة في التوصية ITU-T A.8 على التوصيات التي لا تنطوي على بعد سياسي أو تنظيمي ولا تتطلب بالتالي استشارة الدول الأعضاء رسمياً (انظر الرقم 246B من اتفاقية الاتحاد).

ويتضمن الملحق 1 لائحة بالنصوص التي تغيرت حالتها مقارنة بما جاء في إعلانات عملية الموافقة البديلة السابقة.

إذا رغبت في تقديم تعليق بشأن توصية ما خاضعة لعملية الموافقة البديلة، فترجو منكم استعمال استمارة التعليق على الخط المتوقّرة على موقع قطاع تقييس الاتصالات على صفحة عملية الموافقة البديلة <https://www.itu.int/ITU-T/aap> على المدخل الخاص بالتوصية المعنية (انظر الملحق 2). وبديلاً من ذلك، يمكنكم تقديم التعليقات باستكمال الاستمارة الواردة في الملحق 3 وإرسالها إلى أمانة لجنة الدراسات المعنية بالأمر.

وتجدر الإشارة إلى أنه يفضل عدم إرسال تعليقات تقتصر على تأييد اعتماد النص قيد النظر.

وتفضلوا بقبول فائق الاحترام والتقدير.

تشيساب لي

مدير مكتب تقييس الاتصالات

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Annex 1

(to TSB AAP-86)

**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 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.9960 (2018) Amd.2</a> | Unified high-speed wire-line based home networking transceivers - System architecture and physical layer specification ( <a href="#">Summary</a> ) | 2020-02-16            | 2020-03-14 | LJ        | AR        | 2020-07-01                    | 2020-07-21 | AC        |           | AC     |
| <a href="#">G.9961 (2018) Amd.2</a> | Unified high-speed wireline-based home networking transceivers - Data link layer specification - Amendment 2 ( <a href="#">Summary</a> )           | 2020-02-16            | 2020-03-14 | LJ        | AR        | 2020-07-01                    | 2020-07-21 | AC        |           | AC     |

Situation concerning Study Group 16 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="#">H.266 (H.VVC, ex H.FVC)</a> | Versatile video coding ( <a href="#">Summary</a> )   | 2020-08-01            | 2020-08-28 |           |           |                               |        |           |           | LC     |
| <a href="#">H.274 (H.SEI)</a>           | Versatile supplemental enhancement information messages for coded video bitstreams ( <a href="#">Summary</a> ) | 2020-08-01            | 2020-08-28 |           |           |                               |        |           |           | LC     |

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.510 (X.509prot)</a>  | Information technology - Open Systems Interconnection - The Directory: Protocol specifications for secure operations ( <a href="#">Summary</a> ) | 2020-06-16            | 2020-07-13 | LJ        | AR        | 2020-08-01                    | 2020-08-21 |           |           | AR     |
| <a href="#">X.1402 (X.sra-dlt)</a> | Security framework for distributed ledger technology ( <a href="#">Summary</a> )   | 2020-05-01            | 2020-05-28 | LJ        | AR        | 2020-07-01                    | 2020-07-21 | AC        |           | AC     |

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.4210 (Y.IoT-UM-reqts)</a>    | Requirements and use cases for universal communication module of mobile IoT devices ( <a href="#">Summary</a> )                           | 2020-08-01            | 2020-08-28 |           |           |                               |        |           |           | LC     |
| <a href="#">Y.4469 (Y.SCCE-arch)</a>       | Reference architecture of spare computational capability exposure of IoT devices for smart home ( <a href="#">Summary</a> )               | 2020-08-01            | 2020-08-28 |           |           |                               |        |           |           | LC     |
| <a href="#">Y.4470 (Y.SSC-AISE-arc)</a>    | Reference architecture of artificial intelligence service exposure for smart sustainable cities ( <a href="#">Summary</a> )               | 2020-08-01            | 2020-08-28 |           |           |                               |        |           |           | LC     |
| <a href="#">Y.4472 (Y.API4IOT)</a>         | Open data application programming interface (APIs) for IoT data in smart cities and communities ( <a href="#">Summary</a> )               | 2020-08-01            | 2020-08-28 |           |           |                               |        |           |           | LC     |
| <a href="#">Y.4473 (Y.DPM-ST-API)</a>      | SensorThings API - Sensing ( <a href="#">Summary</a> )  | 2020-08-01            | 2020-08-28 |           |           |                               |        |           |           | LC     |
| <a href="#">Y.4474 (Y.IoT-VLC-Arch)</a>    | Functional architecture for IoT services based on Visible Light Communications ( <a href="#">Summary</a> )                                | 2020-08-01            | 2020-08-28 |           |           |                               |        |           |           | LC     |
| <a href="#">Y.4475 (Y.IoT-LISF)</a>        | Lightweight intelligent software framework for IoT devices ( <a href="#">Summary</a> )  | 2020-08-01            | 2020-08-28 |           |           |                               |        |           |           | LC     |
| <a href="#">Y.4558 (Y.smoke-detection)</a> | Requirements and functional architecture of smart fire smoke detection service ( <a href="#">Summary</a> )                                | 2020-08-01            | 2020-08-28 |           |           |                               |        |           |           | LC     |
| <a href="#">Y.4560 (Y.DPM-BC-ES)</a>       | Blockchain-based data exchange and sharing for supporting Internet of things and smart cities and communities ( <a href="#">Summary</a> ) | 2020-08-01            | 2020-08-28 |           |           |                               |        |           |           | 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="#">Y.4561 (Y.DPM-BC-DM)</a>          | Blockchain-based Data Management for supporting Internet of things and smart cities and communities ( <a href="#">Summary</a> ) | 2020-08-01            | 2020-08-28 |           |           |                               |        |           |           | LC     |
| <a href="#">Y.4808 (Y.IoT-DA-Counterfeit)</a> | Digital entity architecture framework to combat counterfeiting in IoT ( <a href="#">Summary</a> )                               | 2020-08-01            | 2020-08-28 |           |           |                               |        |           |           | LC     |
| <a href="#">Y.4907 (Y.SSC-BKDMS-arc)</a>      | Reference architecture of blockchain-based unified KPI data management for smart sustainable cities ( <a href="#">Summary</a> ) | 2020-08-01            | 2020-08-28 |           |           |                               |        |           |           | LC     |





Annex 2

(to TSB AAP-86)

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

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

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

| 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><br><a href="#">LC Summary</a> |            |           |           |                        |        |           |           |                  |           |
| LC - Comments   |            |           |           | AR - Comments          |        |           |           | SG Decisions     |           |

Submit Comment

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\*:

Email of contact (for AAP):

Email of Administration or Company:

Technical contact email:

Sender name\*:

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.

**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:

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-86)

**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.