|  |  |  |
| --- | --- | --- |
|  | الا تحــاد الــدولي للاتصــالات  *مكتب تقييس الاتصالات* | ITU official logo_blue_RGB |

|  |  |  |
| --- | --- | --- |
|  |  | جنيف، 1 اغسطس 2022 |
| المرجع:    الهاتف:  الفاكس:  البريد الإلكتروني: | **TSB AAP-10**  AAP/CL  +41 22 730 5860  +41 22 730 5853  tsbdir@itu.int | - إلى إدارات الدول الأعضاء في الاتحاد؛  - إلى أعضاء قطاع تقييس الاتصالات؛  - إلى المنتسبين إلى قطاع تقييس الاتصالات؛  - الهيئات الأكاديمية المنضمة إلى الاتحاد  **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 أوتنظيمي 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 رغبتم في تقديم تعليق بشأن توصية ما خاضعة لعملية الموافقة البديلة، فنرجو منكم استعمال استمارة التعليق على الخط المتوفّرة على موقع قطاع تقييس الاتصالات على صفحة عملية الموافقة البديلة [https://www.itu.int/ITU-T/aap](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 يفضّل عدم إرسال تعليقات تقتصر على تأييد اعتماد النص قيد النظر.

وتفضلوا بقبول فائق الاحترام والتقدير.

تشيساب لي  
مدير مكتب تقييس الاتصالات

**الملحقات:** 3

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](https://www.itu.int/ITU-T/)

Alternative approval process (AAP) welcome page:

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

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** |
| [K.114 (Revision of ITU-T K.114)](https://www.itu.int/t/aap/recdetails/10271) | Electromagnetic compatibility requirements and measurement methods for digital cellular mobile communication base station equipment ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200281F0801MSWE.docx&group=5)) | 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** |
| [E.803](https://www.itu.int/t/aap/recdetails/10250) | Quality of service parameters for supporting service aspects ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200280A0801MSWE.docx&group=12)) | 2022-07-01 | 2022-07-28 | A |  |  |  |  |  | A |
| [G.191](https://www.itu.int/t/aap/recdetails/10239) | Software tools for speech and audio coding standardization ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027FF0801MSWE.docx&group=12)) | 2022-07-01 | 2022-07-28 | A |  |  |  |  |  | A |
| [G.1023 (G.NCAP)](https://www.itu.int/t/aap/recdetails/10253) | Framework for capacity assessment of packet data services in mobile networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200280D0801MSWE.docx&group=12)) | 2022-07-01 | 2022-07-28 | A |  |  |  |  |  | A |
| [G.1036 (G.QoE-AR)](https://www.itu.int/t/aap/recdetails/10254) | Quality of experience (QoE) influencing factors for augmented reality (AR) services ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200280E0801MSWE.docx&group=12)) | 2022-07-01 | 2022-07-28 | A |  |  |  |  |  | A |
| [P.64](https://www.itu.int/t/aap/recdetails/10241) | Determination of sensitivity/frequency characteristics of local telephone systems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028010801MSWE.docx&group=12)) | 2022-07-01 | 2022-07-28 | A |  |  |  |  |  | A |
| [P.380](https://www.itu.int/t/aap/recdetails/10242) | Electro-acoustic measurements on headsets ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028020801MSWE.docx&group=12)) | 2022-07-01 | 2022-07-28 | A |  |  |  |  |  | A |
| [P.581](https://www.itu.int/t/aap/recdetails/10243) | Use of head and torso simulator for hands-free and handset terminal testing ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028030801MSWE.docx&group=12)) | 2022-07-01 | 2022-07-28 | A |  |  |  |  |  | A |
| [P.852 (P.SEC)](https://www.itu.int/t/aap/recdetails/10244) | Subjective quality evaluation of text-based chatbots ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028040801MSWE.docx&group=12)) | 2022-07-01 | 2022-07-28 | A |  |  |  |  |  | A |
| [P.863.2 (P.AMD)](https://www.itu.int/t/aap/recdetails/10246) | Extension of P.863 for multi-dimensional assessment of degradations in telephony speech signals up to full-band ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028060801MSWE.docx&group=12)) | 2022-07-01 | 2022-07-28 | A |  |  |  |  |  | A |
| [P.910](https://www.itu.int/t/aap/recdetails/10249) | Subjective video quality assessment methods for multimedia applications ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028090801MSWE.docx&group=12)) | 2022-07-01 | 2022-07-28 | A |  |  |  |  |  | A |
| [P.1140](https://www.itu.int/t/aap/recdetails/10240) | Speech communication requirements for emergency calls originating from vehicles ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028000801MSWE.docx&group=12)) | 2022-07-01 | 2022-07-28 | A |  |  |  |  |  | A |
| [P.1204.4](https://www.itu.int/t/aap/recdetails/10248) | Video quality assessment of streaming services over reliable transport for resolutions up to 4K with access to full and reduced reference pixel information ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028080810MSWE.docx&group=12)) | 2022-07-01 | 2022-07-28 | A |  |  |  |  |  | A |
| [P.1320 (P.QXM)](https://www.itu.int/t/aap/recdetails/10245) | QoE assessment of extended reality (XR) meetings ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028050801MSWE.docx&group=12)) | 2022-07-01 | 2022-07-28 | A |  |  |  |  |  | A |
| [P.1402 (P.MLGuide)](https://www.itu.int/t/aap/recdetails/10247) | Guidance for the development of machine learning based solutions for QoS/QoE prediction and network performances management in telecommunication scenarios ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028070801MSWE.docx&group=12)) | 2022-07-01 | 2022-07-28 | A |  |  |  |  |  | A |
| [Y.1545.2 (Y.COPI)](https://www.itu.int/t/aap/recdetails/10252) | QoS metrics for continuity-of-performance of packet data based services ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200280C0801MSWE.docx&group=12)) | 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** |
| [X.1409 (X.ss-dlt)](https://www.itu.int/t/aap/recdetails/10255) | Security services based on distributed ledger technology ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200280F0801MSWE.docx&group=17)) | 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** |
| [Y.4052 (Y.blockchain-terms)](https://www.itu.int/t/aap/recdetails/10306) | Vocabulary for blockchain for supporting Internet of things and smart cities and communities in data processing and management aspects ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028420801MSWE.docx&group=20)) | 2022-08-01 | 2022-08-28 |  |  |  |  |  |  | LC |
| [Y.4216 (Y.infra)](https://www.itu.int/t/aap/recdetails/10299) | Requirements of sensing and data collection system for city infrastructure ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200283B0801MSWE.docx&group=20)) | 2022-08-01 | 2022-08-28 |  |  |  |  |  |  | LC |
| [Y.4217 (Y.CS-framework)](https://www.itu.int/t/aap/recdetails/10300) | Service requirements and capability framework for IoT-related crowdsourced systems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200283C0801MSWE.docx&group=20)) | 2022-08-01 | 2022-08-28 |  |  |  |  |  |  | LC |
| [Y.4481 (Y.data-MP)](https://www.itu.int/t/aap/recdetails/10301) | Framework for data middle-platform in IoT and smart sustainable cities ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200283D0801MSWE.docx&group=20)) | 2022-08-01 | 2022-08-28 |  |  |  |  |  |  | LC |
| [Y.4482 (Y.IoT-SLF)](https://www.itu.int/t/aap/recdetails/10302) | Requirements and framework for smart livestock farming based on the Internet of things ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200283E0801MSWE.docx&group=20)) | 2022-08-01 | 2022-08-28 |  |  |  |  |  |  | LC |
| [Y.4483 (Y.IoT-DSE-arc)](https://www.itu.int/t/aap/recdetails/10304) | Reference architecture of service exposure for decentralized services for Internet of things applications ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028400801MSWE.docx&group=20)) | 2022-08-01 | 2022-08-28 |  |  |  |  |  |  | LC |
| [Y.4484 (Y.eHealth-Semantic)](https://www.itu.int/t/aap/recdetails/10305) | Framework to support Web of Objects ontology based semantic data interoperability of eHealth services ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028410801MSWE.docx&group=20)) | 2022-08-01 | 2022-08-28 |  |  |  |  |  |  | LC |
| [Y.4600 (Y.scdt-reqts)](https://www.itu.int/t/aap/recdetails/10303) | Requirements and capabilities of a digital twin system for smart cities ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200283F0801MSWE.docx&group=20)) | 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



3) Click the "Submit Comment" button



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



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

Annex 3

(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*](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.*