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

|  |  |  |
| --- | --- | --- |
|  |  | جنيف، 16 فبراير 2021 |
| المرجع:    الهاتف:  الفاكس:  البريد الإلكتروني: | **TSB AAP-98**  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-98)

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 2 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** |
| [M.3080 (M.AI-tom)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=9923) | Framework of AI enhanced Telecom Operation and Management (AITOM) ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020026C30801MSWE.docx&group=2)) | 2021-01-16 | 2021-02-12 | A |  |  |  |  |  | A |

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** |
| [P.57](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=9925) | Artificial ears ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020026C50801MSWE.docx&group=12)) | 2021-01-16 | 2021-02-12 | A |  |  |  |  |  | A |
| [P.58](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=9926) | Head and torso simulator for telephonometry ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020026C60801MSWE.docx&group=12)) | 2021-01-16 | 2021-02-12 | 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** |
| [Y.3056 (Y.OBF\_trust)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=9920) | Framework for bootstrapping of devices and applications for open access to trusted services in distributed ecosystems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020026C00801MSWE.docx&group=13)) | 2021-01-16 | 2021-02-12 | A |  |  |  |  |  | A |
| [Y.3113 (Y.IMT2020-qos-lg)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=9919) | Requirements and framework for latency guarantee in large scale networks including IMT-2020 network ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020026BF0801MSWE.docx&group=13)) | 2021-01-16 | 2021-02-12 | A |  |  |  |  |  | A |
| [Y.3135 (Y.FMC-SS)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=9924) | Service scheduling for supporting FMC in IMT-2020 network ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020026C40801MSWE.docx&group=13)) | 2021-01-16 | 2021-02-12 | A |  |  |  |  |  | A |
| [Y.3157 (Y.IMT2020-NSC)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=9922) | IMT-2020 network slice configuration ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020026C20801MSWE.docx&group=13)) | 2021-01-16 | 2021-02-12 | A |  |  |  |  |  | A |
| [Y.3177 (Y.ML-IMT2020-NA-RAFR)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=9921) | Architectural framework of artificial intelligence-based network automation for resource and fault management in future networks including IMT-2020 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020026C10801MSWE.docx&group=13)) | 2021-01-16 | 2021-02-12 | 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.680](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=9927) | Information technology - Abstract Syntax Notation One (ASN.1): Specification of basic notation ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020026C70801MSWE.docx&group=17)) | 2021-01-16 | 2021-02-12 | A |  |  |  |  |  | A |
| [X.681](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=9928) | Information technology - Abstract Syntax Notation One (ASN.1): Information object specification ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020026C80801MSWE.docx&group=17)) | 2021-01-16 | 2021-02-12 | A |  |  |  |  |  | A |
| [X.682](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=9929) | Information technology - Abstract Syntax Notation One (ASN.1): Constraint specification ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020026C90801MSWE.docx&group=17)) | 2021-01-16 | 2021-02-12 | A |  |  |  |  |  | A |
| [X.683](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=9930) | Information technology - Abstract Syntax Notation One (ASN.1): Parameterization of ASN.1 specifications ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020026CA0801MSWE.docx&group=17)) | 2021-01-16 | 2021-02-12 | A |  |  |  |  |  | A |
| [X.690](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=9931) | Information technology - ASN.1 encoding rules: Specification of Basic Encoding Rules (BER), Canonical Encoding Rules (CER) and Distinguished Encoding Rules (DER) ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020026CB0801MSWE.docx&group=17)) | 2021-01-16 | 2021-02-12 | A |  |  |  |  |  | A |
| [X.691](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=9932) | Information technology - ASN.1 encoding rules: Specification of Packed Encoding Rules (PER) ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020026CC0801MSWE.docx&group=17)) | 2021-01-16 | 2021-02-12 | A |  |  |  |  |  | A |
| [X.692](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=9933) | Information technology - ASN.1 encoding rules: Specification of Encoding Control Notation (ECN) ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020026CD0801MSWE.docx&group=17)) | 2021-01-16 | 2021-02-12 | A |  |  |  |  |  | A |
| [X.693](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=9934) | Information technology - ASN.1 encoding rules: XML Encoding Rules (XER) ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020026CE0801MSWE.docx&group=17)) | 2021-01-16 | 2021-02-12 | A |  |  |  |  |  | A |
| [X.694](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=9935) | Information technology - ASN.1 encoding rules: Mapping W3C XML schema definitions into ASN.1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020026CF0801MSWE.docx&group=17)) | 2021-01-16 | 2021-02-12 | A |  |  |  |  |  | A |
| [X.695](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=9936) | Information technology - ASN.1 encoding rules: Registration and application of PER encoding instructions ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020026D00801MSWE.docx&group=17)) | 2021-01-16 | 2021-02-12 | A |  |  |  |  |  | A |
| [X.696](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=9937) | Information technology - ASN.1 encoding rules: Specification of Octet Encoding Rules (OER) ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020026D10801MSWE.docx&group=17)) | 2021-01-16 | 2021-02-12 | A |  |  |  |  |  | A |
| [X.697](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=9938) | Information technology - ASN.1 encoding rules: Specification of JavaScript Object Notation Encoding Rules (JER) ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020026D20801MSWE.docx&group=17)) | 2021-01-16 | 2021-02-12 | A |  |  |  |  |  | A |
| [X.894 (2018) Cor.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=9939) | Generic applications of ASN.1 Cryptographic Message Syntax Technical Corrigendum 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020026D30801MSWE.docx&group=17)) | 2021-01-16 | 2021-02-12 | 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.4476 (Y.IoT-rf-dlt)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=9913) | OID-based resolution framework for transaction of distributed ledger assigned to IoT resources ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020026B90801MSWE.docx&group=20)) | 2020-11-16 | 2020-12-13 | LJ | AR | 2021-01-16 | 2021-02-05 | AC |  | AC |

Annex 2

(to TSB AAP-98)

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-98)

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.*