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

|  |  |  |
| --- | --- | --- |
|  |  | جنيف، 16 يناير 2023 |
| المرجع:    الهاتف:  الفاكس:  البريد الإلكتروني: | **TSB AAP-20**  AAP/SO  +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.

مدير مكتب تقييس الاتصالات

**الملحقات:** 3

Annex 1

(to TSB AAP-20)

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** |
| [L.1306 (L.Spec\_Edge DC)](https://www.itu.int/t/aap/recdetails/10376) | Specification of edge data centre infrastructure ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028880802MSWE.docx&group=5)) | 2022-12-01 | 2023-01-12 | LJ |  |  |  |  |  | LJ |
| [L.1400 (L.1400rev)](https://www.itu.int/t/aap/recdetails/10375) | Overview and general principles of methodologies for assessing the environmental impact of information and communication technologies ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028870802MSWE.docx&group=5)) | 2022-12-01 | 2023-01-12 | LJ |  |  |  |  |  | LJ |
| [L.1630 (L.FrameworkBIMSssc)](https://www.itu.int/t/aap/recdetails/10377) | Framework of building infrastructure management system for sustainable city ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028890802MSWE.docx&group=5)) | 2022-12-01 | 2023-01-12 | A |  |  |  |  |  | A |

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** |
| [Q.3647 (Q.Sig\_Req\_ETS\_IMS\_roaming)](https://www.itu.int/t/aap/recdetails/10426) | Signalling requirements for emergency service in IMS roaming environment ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028BA0801MSWE.docx&group=11)) | 2023-01-16 | 2023-02-12 |  |  |  |  |  |  | LC |
| [Q.4070 (Q.vbng-iop-ts)](https://www.itu.int/t/aap/recdetails/10425) | Test suite for interoperability testing of virtualized broadband network gateway ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028B90801MSWE.docx&group=11)) | 2023-01-16 | 2023-02-12 |  |  |  |  |  |  | LC |
| [Q.5004 (Q.LiteIMS-SA)](https://www.itu.int/t/aap/recdetails/10424) | Signalling architecture of Lite IMS for IMT-2020 network and beyond ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028B80801MSWE.docx&group=11)) | 2023-01-16 | 2023-02-12 |  |  |  |  |  |  | LC |
| [Q.5005 (Q.IMT2020-SAO)](https://www.itu.int/t/aap/recdetails/10423) | Requirement, framework and protocols for signalling network analysis and optimization in IMT-2020 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028B70801MSWE.docx&group=11)) | 2023-01-16 | 2023-02-12 |  |  |  |  |  |  | LC |

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.2247 (Y.frd)](https://www.itu.int/t/aap/recdetails/10409) | Framework and Requirements of Network-oriented Data Integrity Verification Service based on Blockchain in Future Network ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028A90801MSWE.docx&group=13)) | 2022-12-16 | 2023-01-12 | A |  |  |  |  |  | A |
| [Y.2248 (Y.esm)](https://www.itu.int/t/aap/recdetails/10410) | Service model for Entry-level Smart Farm ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028AA0801MSWE.docx&group=13)) | 2022-12-16 | 2023-01-12 | A |  |  |  |  |  | A |
| [Y.3119 (Y.IMT2020-DN-CCF)](https://www.itu.int/t/aap/recdetails/10411) | Future networks including IMT-2020: capability classification framework for dedicated networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028AB0801MSWE.docx&group=13)) | 2022-12-16 | 2023-01-12 | A |  |  |  |  |  | A |
| [Y.3120 (Y.IMT2020-fa-lg-lsn)](https://www.itu.int/t/aap/recdetails/10412) | Functional Architecture for latency guarantee in large scale networks including IMT-2020 and beyond ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028AC0801MSWE.docx&group=13)) | 2022-12-16 | 2023-01-12 | A |  |  |  |  |  | A |
| [Y.3121 (Y.IMT2020-det-qos-reqts-lan)](https://www.itu.int/t/aap/recdetails/10413) | QoS requirements and framework for supporting deterministic communication services in local area network for IMT-2020 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028AD0801MSWE.docx&group=13)) | 2022-12-16 | 2023-01-12 | A |  |  |  |  |  | A |
| [Y.3140 (Y.SBN-TR)](https://www.itu.int/t/aap/recdetails/10414) | Service brokering network framework for Trusted Reality ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028AE0801MSWE.docx&group=13)) | 2022-12-16 | 2023-01-12 | LJ |  |  |  |  |  | LJ |
| [Y.3159 (Y.IMT-2020-NSL-fra)](https://www.itu.int/t/aap/recdetails/10415) | Framework for classifying network slice level in future networks including IMT-2020 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028AF0801MSWE.docx&group=13)) | 2022-12-16 | 2023-01-12 | LJ |  |  |  |  |  | LJ |
| [Y.3183 (Y.ML-IMT2020-VNS)](https://www.itu.int/t/aap/recdetails/10416) | Framework for network slicing management assisted by machine learning leveraging QoE feedback from verticals ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028B00802MSWE.docx&group=13)) | 2022-12-16 | 2023-01-12 | A |  |  |  |  |  | A |
| [Y.3201 (Y.FMSC-frame)](https://www.itu.int/t/aap/recdetails/10417) | Fixed, mobile and satellite convergence – Framework for IMT-2020 networks and beyond ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028B10801MSWE.docx&group=13)) | 2022-12-16 | 2023-01-12 | A |  |  |  |  |  | A |
| [Y.3325 (Y.DL-AINW-fra)](https://www.itu.int/t/aap/recdetails/10418) | Framework for high-level AI-based management communicating with external management systems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028B20801MSWE.docx&group=13)) | 2022-12-16 | 2023-01-12 | A |  |  |  |  |  | A |
| [Y.3539 (Y.ccrm)](https://www.itu.int/t/aap/recdetails/10419) | Cloud computing - Framework of risk management ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028B30801MSWE.docx&group=13)) | 2022-12-16 | 2023-01-12 | A |  |  |  |  |  | A |
| [Y.3607 (Y.bdp-arch)](https://www.itu.int/t/aap/recdetails/10420) | Big data – Functional architecture for data provenance ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028B40801MSWE.docx&group=13)) | 2022-12-16 | 2023-01-12 | A |  |  |  |  |  | A |
| [Y.3813 (Y.QKDN-iwrq)](https://www.itu.int/t/aap/recdetails/10421) | Quantum key distribution networks interworking – functional requirements ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028B50801MSWE.docx&group=13)) | 2022-12-16 | 2023-01-12 | A |  |  |  |  |  | A |
| [Y.3814 (Y.QKDN-ml-fra)](https://www.itu.int/t/aap/recdetails/10422) | Quantum key distribution networks - functional requirements and architecture for machine learning enablement ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028B60801MSWE.docx&group=13)) | 2022-12-16 | 2023-01-12 | A |  |  |  |  |  | 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** |
| [G.8052.1/Y.1346.1 (2021) Amd.1](https://www.itu.int/t/aap/recdetails/10365) | Operation, administration, maintenance (OAM) management information and data models for the Ethernet-transport network element - Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200287D0801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 | LJ | AR | 2022-12-16 | 2023-01-12 | AC |  | AC |
| [G.8152.1/Y.1375.1 (2021) Amd.1](https://www.itu.int/t/aap/recdetails/10408) | Operation, administration, maintenance (OAM) management information and data models for the MPLS-TP network element - Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028A80801MSWE.docx&group=15)) | 2022-11-16 | 2022-12-13 | LJ | AR | 2023-01-16 | 2023-02-05 |  |  | AR |
| [G.9711 (2021) Cor.1](https://www.itu.int/t/aap/recdetails/10330) | Multi-gigabit fast access to subscriber terminals (MGfast) Physical layer specification - Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200285A0801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 | LJ | AR | 2022-12-01 | 2022-12-21 | 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** |
| [T.807 (V2)](https://www.itu.int/t/aap/recdetails/10406) | Information technology – JPEG 2000 image coding system: Secure JPEG 2000 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028A60801MSWE.docx&group=16)) | 2023-01-16 | 2023-02-12 |  |  |  |  |  |  | LC |
| [T.816 (V1)](https://www.itu.int/t/aap/recdetails/10407) | Information technology - JPEG 2000 image coding system: Extensions for coding of discontinuous media ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028A70801MSWE.docx&group=16)) | 2023-01-16 | 2023-02-12 |  |  |  |  |  |  | LC |

Annex 2

(to TSB AAP-20)

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-20)

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.*