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

|  |  |  |
| --- | --- | --- |
|  |  | جنيف، 1 سبتمبر 2019 |
| المرجع:    الهاتف:  الفاكس:  البريد الإلكتروني: | **TSB AAP-65**  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-65)

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 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.2775 (Y.DpiArchFn)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8476) | Functional architecture of deep packet inspection for future networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200211C0801MSWE.docx&group=13)) | 2019-07-16 | 2019-08-12 | LJ | AT |  |  |  |  | AT |
| [Y.3800 (Y.QKDN\_FR)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8483) | Framework for Networks supporting Quantum Key Distribution ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021230801MSWE.docx&group=13)) | 2019-07-16 | 2019-08-12 | LJ | AR | 2019-09-01 | 2019-09-21 |  |  | AR |

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.671](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8496) | Transmission characteristics of optical components and subsystems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021300801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A |  |  |  |  |  | A |
| [G.709/Y.1331 (2016) Cor.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8502) | Interfaces for the optical transport network: Corrigendum 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021360801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | LJ |  |  |  |  |  | LJ |
| [G.798 (2017) Amd.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8503) | Characteristics of optical transport network hierarchy equipment functional blocks - Amendment 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021370801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | LJ |  |  |  |  |  | LJ |
| [G.807 (G.media)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8506) | Generic functional architecture of the optical media network ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200213A0801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | LJ |  |  |  |  |  | LJ |
| [G.808.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8504) | Generic protection switching - ring protection ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021380801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A |  |  |  |  |  | A |
| [G.872](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8507) | Architecture of the Optical Transport network (OTN) ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200213B0801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | LJ |  |  |  |  |  | LJ |
| [G.984.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8484) | Gigabit-capable Passive Optical Networks (GPON): Physical Media Dependent (PMD) layer specification ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021240801MSWE.doc&group=15)) | 2019-08-01 | 2019-08-28 | A |  |  |  |  |  | A |
| [G.988 (2017) Amd.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8485) | ONU management and control interface (OMCI) specification: Amendment 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021250801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A |  |  |  |  |  | A |
| [G.989.2 (2019) Cor.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8486) | 40-Gigabit-capable passive optical networks (NG PON2): Physical media dependent (PMD) layer specification: Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021260802MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A |  |  |  |  |  | A |
| [G.998.4 (2018) Cor.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8489) | Improved impulse noise protection for digital subscriber line (DSL) transceivers - Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021290801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A |  |  |  |  |  | A |
| [G.7041/Y.1303 (2016) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8505) | Generic framing procedure - Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021390801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A |  |  |  |  |  | A |
| [G.7710/Y.1701](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8517) | Common equipment management function requirements ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021450801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A |  |  |  |  |  | A |
| [G.7712/Y.1703](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8518) | Architecture and specification of data communication network ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021460801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A |  |  |  |  |  | A |
| [G.8013/Y.1731 (2015) Cor.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8499) | Operation, administration and maintenance (OAM) functions and mechanisms for Ethernet-based networks - Corrigendum 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021330802MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A |  |  |  |  |  | A |
| [G.8021/Y.1341 (2018) Cor.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8500) | Characteristics of Ethernet transport network equipment functional blocks - Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021340801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A |  |  |  |  |  | A |
| [G.8132/Y.1383 (2017) Cor.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8501) | MPLS-TP shared ring protection - Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021350801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A |  |  |  |  |  | A |
| [G.8133 (G.mtdh)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8498) | Dual-Homing Protection for MPLS-TP Pseudowires ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021320801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A |  |  |  |  |  | A |
| [G.8261/Y.1361](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8508) | Timing and synchronization aspects in packet networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200213C0801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A |  |  |  |  |  | A |
| [G.8262.1/Y.1362.1 (2019) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8509) | Timing characteristics of enhanced synchronous equipment slave clock: Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200213D0801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A |  |  |  |  |  | A |
| [G.8265.1/Y.1365.1 (2014) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8510) | Precision time protocol telecom profile for frequency synchronization -Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200213E0801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A |  |  |  |  |  | A |
| [G.8271.1/Y.1366.1 (2017) Amd.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8511) | Network limits for time synchronization in Packet networks - Amendment 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200213F0801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A |  |  |  |  |  | A |
| [G.8272.1/Y.1367.1 (2016) Amd.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8512) | Timing characteristics of enhanced primary reference time clocks -Amendment 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021400801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A |  |  |  |  |  | A |
| [G.8273.2/Y.1368.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8513) | Timing characteristics of telecom boundary clocks and telecom time slave clocks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021410801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | AT |  |  |  |  |  | AT |
| [G.8275.1/Y.1369.1 (2016) Amd.3](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8515) | Precision time protocol telecom profile for phase/time synchronization with full timing support from the network -Amendment 3 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021430801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A |  |  |  |  |  | A |
| [G.8275.2/Y.1369.2 (2016) Amd.3](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8516) | Precision time protocol telecom profile for phase/time synchronization with partial timing support from the network ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021440802MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A |  |  |  |  |  | A |
| [G.8275/Y.1369 (2017) Amd.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8514) | Architecture and requirements for packet-based time and phase distribution - Amendment 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021420801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A |  |  |  |  |  | A |
| [G.9701 (2019) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8491) | Fast access to subscriber terminals (G.fast) - Physical layer specification - Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200212B0802MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | LJ |  |  |  |  |  | LJ |
| [G.9701 (2019) Cor.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8490) | Fast access to subscriber terminals (G.fast) - Physical layer specification - Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200212A0801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | LJ |  |  |  |  |  | LJ |
| [G.9803 (2018) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8487) | Radio over fibre systems - Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021270801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A |  |  |  |  |  | A |
| [G.9804.1 (G.hsp.req)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8488) | Higher Speed Passive Optical Networks: Requirements ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021280801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | LJ |  |  |  |  |  | LJ |
| [G.9960 (2018) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8495) | Unified high-speed wire-line based home networking transceivers - System architecture and physical layer specification: Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200212F0801MSWE.docx&group=15)) | 2019-09-01 | 2019-09-28 |  |  |  |  |  |  | LC |
| [G.9960 (2018) Cor.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8494) | Unified high-speed wire-line based home networking transceivers - System architecture and physical layer specification: Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200212E0801MSWE.docx&group=15)) | 2019-09-01 | 2019-09-28 |  |  |  |  |  |  | LC |
| [G.9961 (2018) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8493) | Unified high-speed wireline-based home networking transceivers - Data link layer specification: Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200212D0801MSWE.docx&group=15)) | 2019-09-01 | 2019-09-28 |  |  |  |  |  |  | LC |
| [G.9961 (2018) Cor.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8492) | Unified high-speed wireline-based home networking transceivers - Data link layer specification: Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200212C0801MSWE.docx&group=15)) | 2019-09-01 | 2019-09-28 |  |  |  |  |  |  | LC |
| [L.208 (L.fdb)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8497) | Requirements for passive optical nodes: Fibre Distribution Box ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021310801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A |  |  |  |  |  | A |

Annex 2

(to TSB AAP-65)

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-65)

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.*