|  |  |
| --- | --- |
|  | الا تحــاد الــدولي للاتصــالات  *مكتب تقييس الاتصالات* |

|  |  |  |
| --- | --- | --- |
|  |  | جنيف، 1 اكتوبر 2012 |
| المرجع:    الهاتف:  الفاكس:  البريد الإلكتروني: | **TSB AAP-91**  AAP/MJ  +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  **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 [http://www.itu.int/ITU-T/aap](http://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.

مالكولم جونسون  
مدير مكتب تقييس الاتصالات

**الملحقات:** 3

Annex 1

(to TSB AAP-91)

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:

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

Alternative approval process (AAP) welcome page:

[http://www.itu.int/ITU-T/aapinfo](http://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:

<http://www.itu.int/ITU-T/aap/>

Study Group web pages and contacts:

|  |  |  |
| --- | --- | --- |
| SG 2 | <http://www.itu.int/ITU-T/studygroups/com02> | [tsbsg2@itu.int](mailto:tsbsg2@itu.int) |
| SG 3 | <http://www.itu.int/ITU-T/studygroups/com03> | [tsbsg3@itu.int](mailto:tsbsg3@itu.int) |
| SG 5 | <http://www.itu.int/ITU-T/studygroups/com05> | [tsbsg5@itu.int](mailto:tsbsg5@itu.int) |
| SG 9 | <http://www.itu.int/ITU-T/studygroups/com09> | [tsbsg9@itu.int](mailto:tsbsg9@itu.int) |
| SG 11 | <http://www.itu.int/ITU-T/studygroups/com11> | [tsbsg11@itu.int](mailto:tsbsg11@itu.int) |
| SG 12 | <http://www.itu.int/ITU-T/studygroups/com12> | [tsbsg12@itu.int](mailto:tsbsg12@itu.int) |
| SG 13 | <http://www.itu.int/ITU-T/studygroups/com13> | [tsbsg13@itu.int](mailto:tsbsg13@itu.int) |
| SG 15 | <http://www.itu.int/ITU-T/studygroups/com15> | [tsbsg15@itu.int](mailto:tsbsg15@itu.int) |
| SG 16 | <http://www.itu.int/ITU-T/studygroups/com16> | [tsbsg16@itu.int](mailto:tsbsg16@itu.int) |
| SG 17 | <http://www.itu.int/ITU-T/studygroups/com17> | [tsbsg17@itu.int](mailto:tsbsg17@itu.int) |

Situation concerning Study Group 9 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** |
| [J.381 (J.atrans-req)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2573) | Requirements for advanced digital cable transmission technologies | 2012-05-16 | 2012-06-12 | LJ | AR | 2012-09-01 | 2012-09-21 | AC |  | AC |

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.381 (P.UHIP)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2606) | Technical requirements and test methods for universal wired headset or headphone interface of digital wireless terminals | 2012-06-16 | 2012-07-13 | AR |  | 2012-08-01 | 2012-08-21 | AJ | AC | AC |

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.650.1 (2010) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2681) | Definitions and test methods for linear, deterministic attributes of single-mode fibre and cable: Amendment 1 | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.654](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2674) | Characteristics of a cut-off shifted single-mode optical fibre and cable | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.657](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2675) | Characteristics of a bending-loss insensitive single-mode optical fibre and cable for the access network | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.664](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2676) | Optical safety procedures and requirements for optical transmission systems | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.672 (G.rmon)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2677) | Characteristics of multi-degree reconfigurable optical add/drop multiplexers | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.709/Y.1331 (2012) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2699) | Interfaces for the Optical Transport Network (OTN): Amendment 1 | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.709/Y.1331 (2012) Cor.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2700) | Interfaces for the Optical Transport Network (OTN): Corrigendum 1 | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.798](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2685) | Characteristics of optical transport network hierarchy equipment functional blocks | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.798.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2686) | Types and characteristics of optical transport network equipment | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.806 (2012) Cor.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2687) | Characteristics of transport equipment - Description methodology and generic functionality: Corrigendum 1 | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.808.3 (G.smp)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2688) | Generic protection switching - Shared Mesh Protection | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.870/Y.1352](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2682) | Terms and definitions for Optical Transport Networks (OTN) | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.872](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2701) | Architecture of optical transport networks | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.873.1 (2011) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2689) | Optical Transport Network (OTN): Linear protection: Amendment 1 | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.873.2 (2012) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2690) | Optical Transport Network (OTN) - Ring Protection: Amendment 1 | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.874 (2010) Amd.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2705) | Management aspects of optical transport network elements: Amendment 2 | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.874.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2706) | Optical transport network (OTN): Protocol-neutral management information model for the network element view | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.979 (G.msub)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2678) | Characteristics of monitoring systems for optical submarine cable systems | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.988 (G.omci)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2664) | ONU management and control interface (OMCI) specification | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.989.1 (G.ngpon2)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2663) | 40-Gigabit-capable passive optical networks (NG-PON2): General requirements | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.992.3 (2009) Amd.5](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2665) | Asymmetric digital subscriber line transceivers 2 (ADSL2): Amendment 5 - Accuracy of test parameters | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.993.2 (2011) Amd.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2666) | Very high speed digital subscriber line transceivers 2 (VDSL2): Amendment 2 | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.993.5 (2010) Amd.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2667) | Self-FEXT cancellation (vectoring) for use with VDSL2 transceivers: Amendment 2 | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.994.1 (2012) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2668) | Handshake procedures for digital subscriber line (DSL) transceivers: Amendment 1 | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.997.1 (2012) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2669) | Physical layer management for digital subscriber line (DSL) transceivers: Amendment 1 | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.7041/Y.1303 (2011) Amd.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2691) | Generic Framing Procedure (GFP): Amendment 2 | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.8001/Y.1354](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2683) | Terms and definitions for Ethernet frames over Transport | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.8011/Y.1307](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2695) | Ethernet over Transport – Ethernet service characteristics | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.8012.1/Y.1308.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2696) | Interfaces for the Ethernet Transport network | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.8021.1/Y.1341.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2693) | Types and characteristics of Ethernet transport network equipment | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.8021/Y.1341 (2012) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2692) | Characteristics of Ethernet transport network equipment functional blocks: Amendment 1 | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.8101/Y.1355](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2684) | Terms and definitions for MPLS Transport Profile (MPLS-TP) | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.8112/Y.1371](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2697) | Interfaces for the MPLS Transport Profile (MPLS-TP) layer network | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.8121/Y.1381](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2470) | Characteristics of MPLS-TP Network Equipment Functional Blocks | 2012-01-16 | 2012-02-12 | LJ | AR | 2012-07-01 | 2012-07-21 | AJ | SG | AC |
| [G.8121/Y.1381 (2012) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2694) | Characteristics of MPLS-TP Network equipment functional blocks: Amendment 1 | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.8151/Y.1374 (2012) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2707) | Management aspects of the MPLS-TP network element: Amendment 1 | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.8251 (2010) Amd.3](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2702) | The control of jitter and wander within the optical transport network (OTN): Amendment 3 | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.8262/Y.1362 (2010) Amd.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2703) | Timing characteristics of a synchronous Ethernet equipment slave clock (EEC): Amendment 2 | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.8265.1/Y.1365.1 (2010) Amd.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2698) | Precision time protocol telecom profile for frequency synchronization: Amendment 2 | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.8272/Y.1367](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2704) | Timing characteristics of primary reference time clock | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.9902 (G.9956, G.hnem)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2671) | Narrow-band OFDM power line communication transceivers - G.hnem | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.9903 (G.9956 Annex A, G.9957, G)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2672) | Narrow-band OFDM power line communication transceivers - G3-PLC | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.9904 (G.9956 Annex B, G.9958, P)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2673) | Narrow-band OFDM power line communication transceivers - PRIME | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.9956 (2011) Amd.1 (G.hnem)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2670) | Narrow-band OFDM power line communication transceivers - Data link layer specification: Amendment 1 | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [G.9956 (2011) Cor.1 (G.hnem)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2448) | Narrow-band OFDM power line communication transceivers - Data link layer specification: Corrigendum 1 | 2012-01-16 | 2012-02-12 | LJ | AR | 2012-06-16 | 2012-07-06 | AJ | SG | AC |
| [G.9961 (2010) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2262) | Data link layer (DLL) for unified high-speed wire-line based home networking transceivers: Amendment 1 | 2012-02-01 | 2012-02-28 | LJ | AR | 2012-06-16 | 2012-07-06 | AJ | SG | AC |
| [L.64](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2679) | ID tag requirements for infrastructure and network elements management | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [L.92 (L.dmosp)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2680) | Disaster management for outside plant facilities | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |
| [O.175 (O.xgponjitter)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2708) | Jitter measuring equipment for digital systems based on XG-PON | 2012-10-01 | 2012-10-28 |  |  |  |  |  |  | LC |

Annex 2

(to TSB AAP-91)

Using the on-line comment submission form

Comment submission

1) Go to AAP search Web page at <http://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:   
<http://www.itu.int/ITU-T/aapinfo/files/AAPTutorial.pdf>

Annex 3

(to TSB AAP-91)

Recommendations under LC/AR – Comment submission form

*(Separate form for each Recommendation being commented upon)*

|  |  |
| --- | --- |
| ITU-T AAP comment submission form for the period 2009-2012 | |
| **Study Group:** |  |
| **Announcement number:** |  |
| **Recommendation number:** |  |
| **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.*