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| Unión Internacional de Telecomunicaciones  *Oficina de Normalización de las Telecomunicaciones* |  |

Ginebra, 01 de octubre de 2012

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| Ref:  Tel:  Fax:  Correo-e: | **TSB AAP-91**  AAP/MJ  +41 22 730 5860  +41 22 730 5853  [tsbdir@itu.int](mailto:tsbdir@itu.int) | – A las Administraciones de los Estados Miembros de la Unión;  – A los Miembros del Sector UIT‑T;  – A los Asociados del UIT‑T  **Copia**:  – A los Presidentes y a los Vicepresidentes de las Comisiones de Estudio del UIT‑T;  – Al Director de la Oficina de Desarrollo de las Telecomunicaciones;  – Al Director de la Oficina de Radiocomunicaciones |

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| Asunto: | **Situación de las Recomendaciones sometidas al proceso de aprobación alternativo (AAP)** |

Muy señora mía/Muy señor mío:

El proceso de aprobación alternativo (AAP) definido en la Recomendación A.8 del UIT-T se aplica a las Recomendaciones que no tienen consecuencias en materia de política o reglamentación y que no requieren, por lo tanto, la consulta formal de los Estados Miembros (véase el número 246B del Convenio de la UIT).

En el **anexo 1** se enumera la lista de los textos cuyo estado ha cambiado con respecto a los anuncios TSB AAP precedentes.

Si desea formular un comentario en relación con una Recomendación sometida al AAP, le alentamos a utilizar el formulario de presentación de comentarios disponible en la página de la Recomendación que figura en el área AAP del sitio web del UIT-T, en la dirección <http://www.itu.int/ITU-T/aap/> (véase también el **anexo 2**). Alternativamente, pueden presentarse comentarios completando el formulario del **anexo 3** y remitiéndolo a la secretaría de la Comisión de Estudio correspondiente.

Le rogamos tenga en cuenta que no se alientan comentarios que se limiten a apoyar la adopción del texto en cuestión.

Le saluda atentamente,

Malcolm Johnson  
Director de la Oficina de   
Normalización de las Telecomunicaciones

**Anexos:** 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.*