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

Ginebra, 01 de agosto de 2013

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| Ref:  Tel:  Fax:  Correo-e: | **TSB AAP-16**  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-16)

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 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) Cor.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2835) | Definitions and test methods for linear, deterministic attributes of single-mode fibre and cable: Corrigendum 1 | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.703 (2001) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2854) | Physical/electrical characteristics of hierarchical digital interfaces: Amendment 1 | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.709/Y.1331 (2012) Amd.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2856) | Interfaces for the Optical Transport Network (OTN): Amendment 2 | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.783 (2006) Amd.4](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2857) | Characteristics of synchronous digital hierarchy (SDH) equipment functional blocks : Amendment 4 | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.798.1 (2013) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2855) | Types and characteristics of optical transport network equipment: Amendment 1 | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.870/Y.1352 (2012) Cor.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2838) | Terms and definitions for Optical Transport Networks (OTN): Corrigendum 1 | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.872 (2012) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2858) | Architecture of optical transport networks: Amendment 1 | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.874](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2867) | Management aspects of optical transport network elements | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.874.1 (2012) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2868) | Optical transport network (OTN): Protocol-neutral management information model for the network element view: Amendment 1 | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.992.3 (2009) Cor.3](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2824) | Asymmetric digital subscriber line transceivers 2 (ADSL2): Corrigendum 3 | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.993.2 (2011) Amd.4](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2825) | Very high speed digital subscriber line transceivers 2 (VDSL2): Amendment 4 | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.993.5 (2010) Amd.4](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2826) | Self-FEXT cancellation (vectoring) for use with VDSL2 transceivers: Amendment 4 | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.994.1 (2012) Amd.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2827) | Handshake procedures for digital subscriber line (DSL) transceivers: Amendment 2 | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.996.2 (2009) Amd.4](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2828) | Single-ended line testing for digital subscriber lines (DSL): Amendment 4 | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.997.1 (2012) Amd.3](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2829) | Physical layer management for digital subscriber line transceivers: Amendment 3 | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.998.1 (2005) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2830) | ATM-based multi-pair bonding: Amendment 1 | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.998.2 (2005) Amd.3](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2831) | Ethernet-based multi-pair bonding: Amendment 3 | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.998.3 (2005) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2832) | Multi-pair bonding using time-division inverse multiplexing: Amendment 1 | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.7712/Y.1703 (2010) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2869) | Architecture and specification of data communication network: Amendment 1 | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.8011.1/Y.1307.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2844) | Ethernet private line service | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.8011.2/Y.1307.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2845) | Ethernet virtual private line service | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.8011.3/Y.1307.3](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2846) | Ethernet virtual private LAN service | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.8011.4/Y.1307.4](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2847) | Ethernet private tree and Ethernet virtual private Tree services | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.8011.5/Y.1307.5](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2848) | Ethernet private LAN service | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.8011/Y.1307 (2012) Cor.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2843) | Ethernet over Transport – Ethernet service characteristics: Corrigendum 1 | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.8013/Y.1731](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2849) | OAM functions and mechanisms for Ethernet-based networks | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.8021/Y.1341 (2012) Amd.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2850) | Characteristics of Ethernet Transport network equipment functional blocks: Amendment 1 | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.8031/Y.1342 (2011) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2842) | Ethernet linear protection switching: Amendment 1 | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.8051/Y.1345 (G.eot-mgmt)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2870) | Management aspects of the Ethernet Transport (ET) capable network element | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.8052/Y.1346 (G.eot-mgmt-info)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2871) | Protocol-neutral management information model for the Ethernet Transport capable network element | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.8113.1/Y.1372.1 (2012) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2836) | Operations, administration and maintenance mechanism for MPLS-TP in packet transport network (PTN): Amendment 1 | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.8113.2/Y.1372.2 (2012) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2837) | Operations, administration and maintenance mechanisms for MPLS-TP networks using the tools defined for MPLS: Amendment 1 | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.8121.1/Y.1381.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2852) | Characteristics of MPLS-TP equipment functional blocks supporting ITU-T G.8113.1/Y.1372.1 | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.8121.2/Y.1381.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2853) | Characteristics of MPLS-TP equipment functional blocks supporting ITU-T G.8113.2/Y.1372.2 | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.8121/Y.1381](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2851) | Characteristics of MPLS-TP equipment functional blocks | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.8151/Y.1374 (2012) Amd.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2872) | Management aspects of the MPLS-TP network element: Amendment 2 | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.8260 (2012) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2859) | Definitions and terminology for synchronization in packet networks: Amendment 1 | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.8261/Y.1361](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2860) | Timing and synchronization aspects in packet networks | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.8263/Y.1363 (2012) Amd.1 (G.paclock-bis)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2861) | Timing characteristics of packet-based equipment clocks: Amendment 1 | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.8271.1/Y.1366.1 (G.pactiming-bis)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2863) | Network Limits for Time Synchronization in Packet Networks | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.8271/Y.1366 (2012) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2874) | Time and phase synchronization aspects of Packet Networks: Amendment 1 | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.8272/Y.1367 (2012) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2864) | Timing characteristics of primary reference time clock: Amendment 1 | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.8273/Y.1368](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2865) | Framework of phase and time clocks | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.9801 (G.epon)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2873) | Ethernet passive optical networks using OMCI | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.9902 (2012) Amd.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2833) | Narrow-band orthogonal frequency division multiplexing power line communication ransceivers for ITU-T G.hnem networks: Amendment 2 | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.9905 (G.cmsr)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2875) | Centralized metric-based source routing | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.9959 (2012) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2834) | Short range narrowband digital radiocommunication transceivers – PHY and MAC layer specifications: Amendment 1 | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |
| [G.9962 (2013) Amd.1 (G.hn)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2823) | Unified high-speed wire-line based home networking transceivers - Management specification: Amendment 1 | 2013-08-01 | 2013-08-28 |  |  |  |  |  |  | LC |

Annex 2

(to TSB AAP-16)

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-16)

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.*