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

Ginebra, 16 de febrero de 2014

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| Ref:  Tel:  Fax:  Correo-e: | **TSB AAP-28**  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-28)

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 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** |
| [K.58](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2944) | EMC, resistibility and safety requirements and guidance for determining responsibility under co-located information and communication technology installations ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B800801MSWE.docx&group=5)) | 2014-01-16 | 2014-02-12 | A |  |  |  |  |  | A |
| [K.95 (K.lit)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2941) | Surge parameters of isolating transformers used in telecommunication devices and equipment ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B7D0801MSWE.doc&group=5)) | 2014-01-16 | 2014-02-12 | A |  |  |  |  |  | A |
| [K.96 (K.appl)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2942) | Surge protective components: Overview of surge mitigation functions and technologies ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B7E0801MSWE.doc&group=5)) | 2014-01-16 | 2014-02-12 | A |  |  |  |  |  | A |
| [K.97 (K.dbs)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2943) | Lightning protection of distributed base stations ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B7F0801MSWE.docx&group=5)) | 2014-01-16 | 2014-02-12 | A |  |  |  |  |  | A |
| [L.1002 (L.adapter Phase 2 (L.UPA portable))](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2945) | External universal power adapter solutions for portable information and communication technology devices ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B810801MSWE.docx&group=5)) | 2014-01-16 | 2014-02-12 | LJ |  |  |  |  |  | LJ |
| [L.1005 (L.UCS test suites)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2946) | Test suites for assessment of the universal charger solution ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B820801MSWE.docx&group=5)) | 2014-01-16 | 2014-02-12 | A |  |  |  |  |  | A |
| [L.1010 (L.Green-batteries)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2947) | Green batteries solution for mobile phones and other hand-held information and communication technology devices ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B830801MSWE.docx&group=5)) | 2014-01-16 | 2014-02-12 | A |  |  |  |  |  | A |
| [L.1101 (L.rareMetals-measurement)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2948) | Measurement methods to characterize rare metals in information and communication technology goods ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B840801MSWE.doc&group=5)) | 2014-01-16 | 2014-02-12 | LJ |  |  |  |  |  | LJ |
| [L.1320 (L.MandM\_infra)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2949) | Energy efficiency metrics and measurement for power and cooling equipment for telecommunications and data centres ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B850801MSWE.doc&group=5)) | 2014-01-16 | 2014-02-12 | LJ |  |  |  |  |  | LJ |
| [L.1340 (L.ref)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2950) | Informative values on the energy efficiency of telecommunication equipment ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B860801MSWE.docx&group=5)) | 2014-01-16 | 2014-02-12 | A |  |  |  |  |  | A |
| [L.1500 (L.adaptationFramework)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2951) | Framework for information and communication technologies (ICTs) and adaptation to the effects of climate change ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B870801MSWE.doc&group=5)) | 2014-01-16 | 2014-02-12 | LJ |  |  |  |  |  | LJ |

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** |
| [E.804 (E.MQoS)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2940) | QoS Aspects for Popular Services in Mobile Networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B7C0801MSWE.doc&group=12)) | 2014-01-16 | 2014-02-12 | A |  |  |  |  |  | A |
| [E.807 (E.CCH-QoE)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2935) | Definitions, associated measurement methods and guidance targets of user-centric parameters for call handling in cellular mobile voice service ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B770802MSWE.docx&group=12)) | 2014-01-16 | 2014-02-12 | A |  |  |  |  |  | A |
| [G.107](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2938) | The E-model: a computational model for use in transmission planning ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B7A0801MSWE.docx&group=12)) | 2014-01-16 | 2014-02-12 | A |  |  |  |  |  | A |
| [G.1029 (G.VSDF)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2934) | Voice Service Diagnosis Framework ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B760801MSWE.docx&group=12)) | 2014-01-16 | 2014-02-12 | A |  |  |  |  |  | A |
| [G.1030](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2939) | Estimating end-to-end performance in IP networks for data applications ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B7B0801MSWE.doc&group=12)) | 2014-01-16 | 2014-02-12 | A |  |  |  |  |  | A |
| [G.1031 (G.QoE-web)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2936) | QoE factors in web-browsing ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B780801MSWE.doc&group=12)) | 2014-01-16 | 2014-02-12 | A |  |  |  |  |  | A |
| [P.381](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2953) | Technical requirements and test methods for the universal wired headset or headphone interface of digital mobile terminals ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B890801MSWE.docx&group=12)) | 2014-01-16 | 2014-02-12 | A |  |  |  |  |  | A |
| [P.581](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2937) | Use of head and torso simulator (HATS) for hands-free and handset terminal testing ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B790801MSWE.docx&group=12)) | 2014-01-16 | 2014-02-12 | A |  |  |  |  |  | A |
| [P.806 (P.MULTI)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2933) | A Subjective Quality Test Methodology using Multiple Rating Scales ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B750801MSWE.docx&group=12)) | 2014-01-16 | 2014-02-12 | A |  |  |  |  |  | A |
| [P.1501 (P.STMWeb)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2932) | Subjective testing Methodology for web browsing ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B740801MSWE.doc&group=12)) | 2014-01-16 | 2014-02-12 | A |  |  |  |  |  | A |

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.3511 (Y.ccic)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2905) | Framework of inter-cloud computing ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B590801MSWE.doc&group=13)) | 2013-12-01 | 2014-01-12 | LJ | AR | 2014-02-16 | 2014-03-08 |  |  | 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.989.2 (G.ngpon2.2)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2924) | 40-Gigabit-capable passive optical networks 2 (NG-PON2): Physical media dependent (PMD) layer specification ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B6C0801MSWE.doc&group=15)) | 2014-01-16 | 2014-02-12 | SG |  |  |  |  |  | SG |
| [G.993.5 (2010) Amd.5](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2912) | Self-FEXT cancellation (vectoring) for use with VDSL2 transceivers: Amendment 5 - Exchange of transceiver IDs during initialization ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B600801MSWE.docx&group=15)) | 2013-12-16 | 2014-01-12 | LJ | SG |  |  |  |  | SG |
| [G.994.1 (2012) Amd.4](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2911) | Handshake procedures for digital subscriber line transceivers: Amendment 4 - Additional codepoints for the support of G.fast ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B5F0801MSWE.docx&group=15)) | 2013-12-16 | 2014-01-12 | LJ | SG |  |  |  |  | SG |
| [G.999.1 (2009) Amd.1 (G.int)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2925) | Interface between the link layer and the physical layer for digital subscriber line (DSL) transceivers: Amendment 1 Extension for upstream flow control over gamma reference point. ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B6D0801MSWE.docx&group=15)) | 2013-12-16 | 2014-01-12 | LJ | SG |  |  |  |  | SG |
| [G.9701 (G.fast-phy)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2921) | Fast Access to Subscriber Terminals (G.fast) - Physical layer specification ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B690801MSWE.docx&group=15)) | 2014-01-16 | 2014-02-12 | SG |  |  |  |  |  | SG |
| [G.9961 (2010) Amd.2 (G.hn)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2914) | Unified high-speed wire-line based home networking transceivers - Data link layer specification: Amendment 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B620801MSWE.docx&group=15)) | 2013-12-16 | 2014-01-12 | LJ | SG |  |  |  |  | SG |
| [G.9961 (G.hn)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2919) | Unified high-speed wire-line based home networking transceivers - Data link layer specification ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B670801MSWE.docx&group=15)) | 2013-12-16 | 2014-01-12 | LJ | SG |  |  |  |  | SG |
| [G.9962](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2920) | Unified high-speed wire-line based home networking transceivers - Management specification ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B680801MSWE.docx&group=15)) | 2013-12-16 | 2014-01-12 | LJ | SG |  |  |  |  | SG |
| [G.9963 (2011) Cor.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2917) | Unified high-speed wire-line based home networking transceivers - Multiple input/multiple output specification: Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B650801MSWE.doc&group=15)) | 2013-12-16 | 2014-01-12 | LJ | SG |  |  |  |  | SG |
| [G.9972 (2010) Cor.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2918) | Coexistence mechanism for wireline home networking transceivers: Corrigendum 1 - Revised definition of coexisting systems categories ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B660801MSWE.docx&group=15)) | 2013-12-16 | 2014-01-12 | LJ | SG |  |  |  |  | SG |
| [G.9979 (G.99xx, 1905.1 Ext)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2907) | ITU-T Extension to the IEEE 1905.1 2013 Standard ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B5B0810MSWE.doc&group=15)) | 2013-12-16 | 2014-01-12 | LJ | SG |  |  |  |  | SG |

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** |
| [F.746.2 (F.UDExch)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2880) | Service description for user data exchange between functional components in network entities and terminals ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B400801MSWE.docx&group=16)) | 2014-01-16 | 2014-02-12 | A |  |  |  |  |  | A |
| [H.264 (V9)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2894) | Advanced video coding for generic audiovisual services ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B4E0801MSWE.docx&group=16)) | 2014-01-16 | 2014-02-12 | A |  |  |  |  |  | A |

Annex 2

(to TSB AAP-28)

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-28)

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.*