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| itu_logo | Unión Internacional de Telecomunicaciones  *Oficina de Normalización de las Telecomunicaciones* | ITU-T60_blue-small |

Ginebra, 16 de noviembre de 2017

|  |  |  |
| --- | --- | --- |
| Ref:  Tel:  Fax:  Correo-e: | **TSB AAP-24**  AAP/CL  +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,

Chaesub Lee  
Director de la Oficina de   
Normalización de las Telecomunicaciones

**Anexos:** 3

Annex 1

(to TSB AAP-24)

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) |
| SG 20 | <http://www.itu.int/ITU-T/studygroups/com20> | [tsbsg20@itu.int](mailto:tsbsg20@itu.int) |

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.10/G.100](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7985) | Vocabulary for performance, quality of service and quality of experience ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F310801MSWE.docx&group=12)) | 2017-10-16 | 2017-11-12 | A |  |  |  |  |  | A |

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.798](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7921) | Characteristics of optical transport network hierarchy equipment functional blocks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001EF10801MSWE.docx&group=15)) | 2017-07-16 | 2017-08-12 | LJ | AR | 2017-11-16 | 2017-12-06 |  |  | AR |
| [G.988](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7901) | ONU management and control interface (OMCI) specification ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001EDD0802MSWE.docx&group=15)) | 2017-07-16 | 2017-08-12 | LJ | AR | 2017-10-16 | 2017-11-05 | AC |  | AC |
| [G.993.5 (2015) Amd.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7891) | Self-FEXT cancellation (vectoring) for use with VDSL2 transceivers: Amendment 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001ED30801MSWE.docx&group=15)) | 2017-07-16 | 2017-08-12 | LJ | AR | 2017-11-16 | 2017-12-06 |  |  | AR |
| [G.994.1 (2012) Amd.9](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7895) | Handshake procedures for digital subscriber line transceivers: Amendment 9 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001ED70801MSWE.docx&group=15)) | 2017-07-16 | 2017-08-12 | LJ | AR | 2017-11-16 | 2017-12-06 |  |  | AR |
| [G.996.2 (2009) Amd.5](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7889) | Single-ended line testing for digital subscriber lines (DSL): Amendment 5 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001ED10801MSWE.docx&group=15)) | 2017-07-16 | 2017-08-12 | LJ | AR | 2017-11-16 | 2017-12-06 |  |  | AR |
| [G.997.1 (2012) Amd.7](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7896) | Physical layer management for digital subscriber line transceivers - Amendment 7 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001ED80801MSWE.docx&group=15)) | 2017-07-16 | 2017-08-12 | LJ | AR | 2017-11-16 | 2017-12-06 |  |  | AR |
| [G.997.2 (2015) Amd.4](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7898) | Physical layer management for G.fast transceivers: Amendment 4 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001EDA0801MSWE.docx&group=15)) | 2017-07-16 | 2017-08-12 | LJ | AR | 2017-11-16 | 2017-12-06 |  |  | AR |
| [G.9701 (2014) Amd.4](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7893) | Fast access to subscriber terminals (G.fast) - Physical layer specification: Amendment 4 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001ED50801MSWE.docx&group=15)) | 2017-07-16 | 2017-08-12 | LJ | AR | 2017-11-16 | 2017-12-06 |  |  | AR |
| [G.9701 (2014) Cor.4](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7894) | Fast access to subscriber terminals (G.fast) - Physical layer specification: Corrigendum 4 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001ED60801MSWE.docx&group=15)) | 2017-07-16 | 2017-08-12 | LJ | AR | 2017-11-16 | 2017-12-06 |  |  | AR |

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.746.5 (H.LLS-FW)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8001) | Framework for language learning system based on speech/NLP technology ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F410801MSWE.docx&group=16)) | 2017-11-16 | 2017-12-13 |  |  |  |  |  |  | LC |
| [F.746.6 (F.NRICNReqs)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7998) | Requirements for a name resolution service in information-centric networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F3E0801MSWE.docx&group=16)) | 2017-11-16 | 2017-12-13 |  |  |  |  |  |  | LC |
| [G.722.2 Annex C (G.722.2 Annex C)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8007) | Wideband coding of speech at around 16 kbit/s using Adaptive Multi-Rate Wideband (AMR-WB): Fixed-point C-code ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F470801MSWE.docx&group=16)) | 2017-11-16 | 2017-12-13 |  |  |  |  |  |  | LC |
| [G.722.2 Annex D (G.722.2 Annex D)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8008) | Wideband coding of speech at around 16 kbit/s using Adaptive Multi-Rate Wideband (AMR-WB): Digital test sequences ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F480801MSWE.docx&group=16)) | 2017-11-16 | 2017-12-13 |  |  |  |  |  |  | LC |
| [H.222.0 (2017) Amd.1 (H.222.0 (2014) Amd.9)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8006) | Information technology - Generic coding of moving pictures and associated audio information: Systems: Ultra-low latency and 4k and higher resolution support for transport of JPEG 2000 video ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F460801MSWE.docx&group=16)) | 2017-11-16 | 2017-12-13 |  |  |  |  |  |  | LC |
| [H.248.77](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8003) | Gateway control protocol: Secure real-time transport protocol (SRTP) package and procedures ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F430801MSWE.docx&group=16)) | 2017-11-16 | 2017-12-13 |  |  |  |  |  |  | LC |
| [H.550 (H.VGP-ARCH)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8005) | Architecture and functional entities of Vehicle Gateway Platforms ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F450801MSWE.docx&group=16)) | 2017-11-16 | 2017-12-13 |  |  |  |  |  |  | LC |
| [H.560 (G.V2A)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8004) | Communications interface between external applications and a Vehicle Gateway Platform ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F440801MSWE.docx&group=16)) | 2017-11-16 | 2017-12-13 |  |  |  |  |  |  | LC |
| [H.626.2 (H.CSVS-Arch)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8000) | Architecture for cloud storage in visual surveillance ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F400801MSWE.docx&group=16)) | 2017-11-16 | 2017-12-13 |  |  |  |  |  |  | LC |
| [H.724 (H.IPTV-TDES.5)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8009) | IPTV Terminal Device: Interworking-enabled model of multiple devices ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F490801MSWE.docx&group=16)) | 2017-11-16 | 2017-12-13 |  |  |  |  |  |  | LC |
| [H.763.3 (H.IPTV-MAFR.13)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8010) | HTML for IPTV services ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F4A0801MSWE.docx&group=16)) | 2017-11-16 | 2017-12-13 |  |  |  |  |  |  | LC |
| [H.782 (H.DS-META)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8002) | Digital signage: Metadata ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F420801MSWE.docx&group=16)) | 2017-11-16 | 2017-12-13 |  |  |  |  |  |  | LC |
| [H.861.0 (H.MBI-PF)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7999) | Requirements on communication platform for multimedia brain information ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F3F0801MSWE.docx&group=16)) | 2017-11-16 | 2017-12-13 |  |  |  |  |  |  | LC |

Situation concerning Study Group 17 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** |
| [X.1053 (X.sgsm)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7967) | Code of practice for information security controls based on ITU-T X.1051 for small and medium-sized telecommunication organizations ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F1F0801MSWE.docx&group=17)) | 2017-10-16 | 2017-11-12 | A |  |  |  |  |  | A |

Situation concerning Study Group 20 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.4806 (Y.IoT-sec-safety)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7975) | Security capabilities supporting safety of the Internet of Things ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F270801MSWE.docx&group=20)) | 2017-10-16 | 2017-11-12 | A |  |  |  |  |  | A |

Annex 2

(to TSB AAP-24)

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-24)

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.*