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

Ginebra, 16 de mayo de 2018

|  |  |  |
| --- | --- | --- |
| Ref:  Tel:  Fax:  Correo-e: | **TSB AAP-35**  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-35)

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 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** |
| [L.1030 (L.EWFrame)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8139) | E-waste management framework for countries ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FCB0801MSWE.docx&group=5)) | 2018-05-16 | 2018-06-12 |  |  |  |  |  |  | LC |
| [L.1207 (L.400migration)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8136) | Progressive migration of a telecommunication/information and communication technology site to 400 VDC sources and distribution ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FC80801MSWE.docx&group=5)) | 2018-04-16 | 2018-05-13 | A |  |  |  |  |  | A |
| [L.1222 (L.ENST3supercap)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8137) | Innovative energy storage technology for stationary use - Part 3: Supercapacitor technology ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FC90801MSWE.docx&group=5)) | 2018-04-16 | 2018-05-13 | A |  |  |  |  |  | A |
| [L.1450 (L.MAE)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8140) | Methodologies for the assessment of the environmental impact of the information and communication technology sector ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FCC0802MSWE.docx&group=5)) | 2018-04-16 | 2018-05-13 | LJ |  |  |  |  |  | LJ |
| [L.1460 (L.Connect2020 framework)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8141) | Connect 2020 greenhouse gases emissions – Guidelines ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FCD0801MSWE.docx&group=5)) | 2018-04-16 | 2018-05-13 | 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.802 Amd.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8166) | Amendment 2 to ITU-T E.802 - Updates and additional information on the degree of variability function in support of E.802 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FE60801MSWE.docx&group=12)) | 2018-05-16 | 2018-06-12 |  |  |  |  |  |  | LC |
| [E.831 (E.CEMI)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7976) | Customer experience management index for popular services in operators' network to score service quality that customer experience in terms of key network performance parameters ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F280801MSWE.docx&group=12)) | 2017-10-01 | 2017-10-28 | LJ | SG |  |  |  |  | NA |
| [E.840 (E.NetPerfRank)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8165) | Statistical framework for end to end network-performance benchmark scoring and ranking ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FE50801MSWE.docx&group=12)) | 2018-05-16 | 2018-06-12 |  |  |  |  |  |  | LC |
| [G.1070](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8167) | Opinion model for video-telephony applications ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FE70801MSWE.docx&group=12)) | 2018-05-16 | 2018-06-12 |  |  |  |  |  |  | LC |
| [P.501 Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8162) | Amendment 1 to ITU-T P.501 -Addition to P.501 - AM-FM test signal for super-wideband and fullband applications ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FE20801MSWE.docx&group=12)) | 2018-05-16 | 2018-06-12 |  |  |  |  |  |  | LC |
| [P.570 (P.TBN)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8161) | Artificial noise-fields in laboratory conditions ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FE10801MSWE.docx&group=12)) | 2018-05-16 | 2018-06-12 |  |  |  |  |  |  | LC |
| [P.808 (P.CROWD)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8164) | Subjective evaluation of speech quality with a crowdsourcing approach ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FE40801MSWE.docx&group=12)) | 2018-05-16 | 2018-06-12 |  |  |  |  |  |  | LC |
| [P.809 (P.GAME)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8163) | Subjective Evaluation Methods for Gaming Quality ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FE30801MSWE.docx&group=12)) | 2018-05-16 | 2018-06-12 |  |  |  |  |  |  | LC |
| [Y.1543](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8169) | Measurements in IP networks for inter-domain performance assessment ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FE90801MSWE.docx&group=12)) | 2018-05-16 | 2018-06-12 |  |  |  |  |  |  | LC |
| [Y.1546 Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8168) | Amendment 1 to ITU-T Y.1546 - IP-Based Service Availability Function ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FE80801MSWE.docx&group=12)) | 2018-05-16 | 2018-06-12 |  |  |  |  |  |  | LC |

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.3601 (Y.BigDataEX-reqts)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8016) | Big data - framework and requirements for data exchange ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F500801MSWE.docx&group=13)) | 2017-12-16 | 2018-01-12 | LJ | AR | 2018-04-16 | 2018-05-06 | 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.709/Y.1331 (2016) Amd.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8107) | Interfaces for the optical transport network (OTN): Amendment 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FAB0801MSWE.docx&group=15)) | 2018-02-16 | 2018-03-15 | LJ | AR | 2018-05-16 | 2018-06-05 |  |  | AR |
| [G.984.5 (2014) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8075) | Gigabit-capable passive optical networks (G-PON): Enhancement band - Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F8B0801MSWE.docx&group=15)) | 2018-02-16 | 2018-03-15 | LJ | AR | 2018-04-16 | 2018-05-06 | AC |  | AC |
| [G.993.2 (2015) Amd.4](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8076) | Very high speed digital subscriber line transceivers 2 (VDSL2) - Amendment 4 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F8C0820MSWE.docx&group=15)) | 2018-02-16 | 2018-03-15 | LJ | AR | 2018-04-16 | 2018-05-06 | AC |  | AC |
| [G.8021/Y.1341](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8103) | Characteristics of Ethernet transport network equipment functional blocks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FA70801MSWE.docx&group=15)) | 2018-02-16 | 2018-03-15 | LJ | AR | 2018-05-16 | 2018-06-05 |  |  | AR |
| [G.8023](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8111) | Characteristics of equipment functional blocks supporting Ethernet physical layer and FlexE interfaces ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FAF0801MSWE.docx&group=15)) | 2018-02-16 | 2018-03-15 | LJ | AR | 2018-05-16 | 2018-06-05 |  |  | AR |

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.680 Amd.1 (())](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8142) | Information technology – Abstract Syntax Notation One (ASN.1): Specification of basic notation Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FCE0801MSWE.docx&group=17)) | 2018-04-16 | 2018-05-13 | A |  |  |  |  |  | A |
| [X.680 Cor.3 (X.680 Cor.3)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8143) | Information technology - Abstract Syntax Notation One (ASN.1): Specification of basic notation Technical Corrigendum 3 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FCF0801MSWE.docx&group=17)) | 2018-04-16 | 2018-05-13 | A |  |  |  |  |  | A |
| [X.681 Cor.1 (X.681 Cor.1)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8144) | Information technology - Abstract Syntax Notation One (ASN.1): Information object specificationTechnical Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FD00801MSWE.docx&group=17)) | 2018-04-16 | 2018-05-13 | A |  |  |  |  |  | A |
| [X.682 Cor.2 (X.682 Cor.2)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8145) | Information technology - Abstract Syntax Notation One (ASN.1): Constraint specification - Technical Corrigendum 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FD10801MSWE.docx&group=17)) | 2018-04-16 | 2018-05-13 | A |  |  |  |  |  | A |
| [X.683 Cor.1 (X.683 Cor.1)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8146) | Information technology - Abstract Syntax Notation One (ASN.1): Parameterization of ASN.1 specifications Technical Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FD20801MSWE.docx&group=17)) | 2018-04-16 | 2018-05-13 | A |  |  |  |  |  | A |
| [X.696 Cor.3 (X.696 Cor.3)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8147) | Information technology - ASN.1 encoding rules: Specification of Octet Encoding Rules (OER) Corrigendum 3 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FD30801MSWE.docx&group=17)) | 2018-04-16 | 2018-05-13 | A |  |  |  |  |  | A |
| [X.1041 (X.voLTEsec-1)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8148) | Security framework for voice-over-long-term-evolution (VoLTE) network operation ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FD40801MSWE.docx&group=17)) | 2018-04-16 | 2018-05-13 | A |  |  |  |  |  | A |
| [X.1080.1 rev (X.1080.1 rev)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8151) | e-Health and world-wide telemedicines - Generic telecommunication protocol ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FD70801MSWE.docx&group=17)) | 2018-04-16 | 2018-05-13 | A |  |  |  |  |  | A |
| [X.1276 (X.te)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8152) | Authentication Step-Up Protocol and Metadata Version 1.0 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FD80801MSWE.docx&group=17)) | 2018-04-16 | 2018-05-13 | 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.4118 (Y.IoT-AC-reqts)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8058) | Internet of Things requirements and technical capabilities for support of accounting and charging ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F7A0801MSWE.docx&group=20)) | 2018-02-01 | 2018-02-28 | LJ | AR | 2018-05-16 | 2018-06-05 |  |  | AR |

Annex 2

(to TSB AAP-35)

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-35)

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.*