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

Ginebra, 01 de junio de 2018

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| Ref:  Tel:  Fax:  Correo-e: | **TSB AAP-36**  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-36)

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.1351 (L.BMM)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8138) | Base station site energy parameter measurement methodology ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FCA0801MSWE.docx&group=5)) | 2018-05-01 | 2018-05-28 | LJ |  |  |  |  |  | LJ |

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.2072 (Y.energy-platform)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8154) | Framework of Energy Sharing and Trading Platform ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FDA0801MSWE.docx&group=13)) | 2018-05-01 | 2018-05-28 | A |  |  |  |  |  | A |
| [Y.2305 (Y.UMCDN)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8159) | Unified management of Content Delivery Networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FDF0801MSWE.docx&group=13)) | 2018-05-01 | 2018-05-28 | A |  |  |  |  |  | A |
| [Y.2619 (Y.PTDN-OAM)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8157) | Operation, administration, and maintenance functions and mechanisms for Public packet Telecommunication Data Network (PTDN) ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FDD0801MSWE.docx&group=13)) | 2018-05-01 | 2018-05-28 | A |  |  |  |  |  | A |
| [Y.3054 (Y.trustworthy-media)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8155) | Framework of Trust-based Media Services ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FDB0801MSWE.docx&group=13)) | 2018-05-01 | 2018-05-28 | A |  |  |  |  |  | A |
| [Y.3102 (Y.IMT2020-frame)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8160) | Framework of the IMT-2020 network ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FE00802MSWE.docx&group=13)) | 2018-05-01 | 2018-05-28 | A |  |  |  |  |  | A |
| [Y.3112 (Y.IMT2020-MultiSL)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8158) | Framework for the support of Multiple Network Slicing ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FDE0801MSWE.docx&group=13)) | 2018-05-01 | 2018-05-28 | A |  |  |  |  |  | A |
| [Y.3505 (Y.dsf-reqts)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8153) | Cloud computing - Overview and functional requirements for data storage federation ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FD90801MSWE.docx&group=13)) | 2018-05-01 | 2018-05-28 | A |  |  |  |  |  | A |
| [Y.3506 (Y.csb-reqts)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8156) | Cloud computing - Functional requirements for cloud service brokerage ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FDC0801MSWE.docx&group=13)) | 2018-05-01 | 2018-05-28 | 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.709.1/Y.1331.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8106) | Flexible OTN short-reach interface ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FAA0801MSWE.docx&group=15)) | 2018-02-16 | 2018-03-15 | LJ | AR | 2018-06-01 | 2018-06-21 |  |  | AR |
| [G.709.3 (G.709.flexo-lr)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8105) | Flexible OTN long-reach interface ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FA90801MSWE.docx&group=15)) | 2018-02-16 | 2018-03-15 | LJ | AR | 2018-06-01 | 2018-06-21 |  |  | AR |
| [G.996.2 (2009) Amd.6](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8084) | Single-ended line testing for digital subscriber lines (DSL): Amendment 6 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F940801MSWE.docx&group=15)) | 2018-02-16 | 2018-03-15 | LJ | AR | 2018-06-01 | 2018-06-21 |  |  | AR |
| [G.996.2 (2009) Cor.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8083) | Single-ended line testing for digital subscriber lines (DSL): Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F930801MSWE.docx&group=15)) | 2018-02-16 | 2018-03-15 | LJ | AR | 2018-06-01 | 2018-06-21 |  |  | AR |
| [G.997.1 (2016) Amd.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8132) | Physical layer management for digital subscriber line transceivers - Amendment 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FC40801MSWE.docx&group=15)) | 2018-02-16 | 2018-03-15 | LJ | AR | 2018-05-01 | 2018-05-21 | AC |  | AC |

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.4003 (Y.SmartMan-IIoT-overview)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8172) | Overview of smart manufacturing in the context of the industrial Internet of things ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FEC0801MSWE.docx&group=20)) | 2018-06-01 | 2018-06-28 |  |  |  |  |  |  | LC |
| [Y.4120 (Y.IoT-Retail-Reqts)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8170) | Requirements of Internet of things applications for smart retail stores ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FEA0801MSWE.docx&group=20)) | 2018-06-01 | 2018-06-28 |  |  |  |  |  |  | LC |
| [Y.4121 (Y.IoT-GP-Reqts)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8171) | Requirements of an Internet of Things enabled network for support of applications for global processes of the Earth ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FEB0801MSWE.docx&group=20)) | 2018-06-01 | 2018-06-28 |  |  |  |  |  |  | LC |
| [Y.4415 (Y.WoO-hn)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8178) | Architecture of web of objects based virtual home network ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FF20801MSWE.docx&group=20)) | 2018-06-01 | 2018-06-28 |  |  |  |  |  |  | LC |
| [Y.4416 (Y.NGNe-IoT-arch)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8173) | Architecture of the Internet of things based on next generation network evolution ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FED0801MSWE.docx&group=20)) | 2018-06-01 | 2018-06-28 |  |  |  |  |  |  | LC |
| [Y.4417 (Y.IoT-son)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8174) | Framework of self-organization network in the IoT environments ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FEE0801MSWE.docx&group=20)) | 2018-06-01 | 2018-06-28 |  |  |  |  |  |  | LC |
| [Y.4418 (Y.gw-IoT-arch)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8175) | Functional architecture of gateway for Internet of things applications ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FEF0801MSWE.docx&group=20)) | 2018-06-01 | 2018-06-28 |  |  |  |  |  |  | LC |
| [Y.4457 (Y.TPS-afw)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8177) | Architectural framework for transportation safety services ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FF10801MSWE.docx&group=20)) | 2018-06-01 | 2018-06-28 |  |  |  |  |  |  | LC |
| [Y.4500.32 (Y.oneM2M.MAF.MEF)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8176) | oneM2M- MAF and MEF Interface Specification ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001FF00801MSWE.docx&group=20)) | 2018-06-01 | 2018-06-28 |  |  |  |  |  |  | LC |

Annex 2

(to TSB AAP-36)

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-36)

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.*