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| ITU official logo_blue_RGB | Unión Internacional de Telecomunicaciones  *Oficina de Normalización de las Telecomunicaciones* |  |

Ginebra, 16 de enero de 2019

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| --- | --- | --- |
| Ref:  Tel:  Fax:  Correo-e: | **TSB AAP-50**  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-50)

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.1015 (L.CEM)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8265) | Criteria for evaluation of the environmental impact of mobile phones ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020490801MSWE.docx&group=5)) | 2018-10-16 | 2018-11-12 | LJ | AR | 2018-12-16 | 2019-01-11 | SG |  | SG |

Situation concerning Study Group 9 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** |
| [J.1 (J.tda)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8355) | Terms, definitions and acronyms for television and sound transmission and integrated broadband cable networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020A30801MSWE.docx&group=9)) | 2018-12-16 | 2019-01-12 | A |  |  |  |  |  | A |
| [J.298 (J.stb-cts)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8358) | Requirements and technical specifications of cable TV hybrid set-top box that has the compatibility with terrestrial and satellite TV transport ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020A60801MSWE.docx&group=9)) | 2018-12-16 | 2019-01-12 | LJ |  |  |  |  |  | LJ |
| [J.302 (2016) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8373) | System specifications of augmented reality smart television service: Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020B50801MSWE.docx&group=9)) | 2018-12-16 | 2019-01-12 | A |  |  |  |  |  | A |
| [J.383 (J.atrans-tlvts)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8356) | Conversion of type length value (TLV) packet and transport stream for advanced cable transmission systems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020A40801MSWE.docx&group=9)) | 2018-12-16 | 2019-01-12 | A |  |  |  |  |  | A |
| [J.1108 (J.roip-trans)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8359) | Transmission specification for Radio over IP transmission system ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020A70801MSWE.docx&group=9)) | 2018-12-16 | 2019-01-12 | A |  |  |  |  |  | A |
| [J.1109 (J.fdx-req)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8360) | Requirement for in-band full-duplex in HFC based network ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020A80801MSWE.docx&group=9)) | 2018-12-16 | 2019-01-12 | A |  |  |  |  |  | A |
| [J.1201 (J.stvos-spec-req)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8357) | The functional requirements of smart TV operating system ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020A50801MSWE.docx&group=9)) | 2018-12-16 | 2019-01-12 | A |  |  |  |  |  | A |

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** |
| [G.191 (V6)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8351) | Software tools for speech and audio coding standardization ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200209F0801MSWE.docx&group=12)) | 2018-12-16 | 2019-01-12 | A |  |  |  |  |  | A |
| [G.1028.1 (G.ViLTE)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8345) | End-to-end QoS for Video Telephony over 4G mobile networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020990801MSWE.docx&group=12)) | 2018-12-16 | 2019-01-12 | AR |  | 2019-01-16 | 2019-02-05 |  |  | AR |
| [P.340 Amd.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8349) | Transmission characteristics and speech quality parameters of hands-free terminals - Amendment 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200209D0801MSWE.docx&group=12)) | 2018-12-16 | 2019-01-12 | A |  |  |  |  |  | A |
| [P.811 (P.SOSH -P.SAT)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8348) | Subjective test methodology for evaluating Speech oriented stereo communication systems over headphones ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200209C0801MSWE.docx&group=12)) | 2018-12-16 | 2019-01-12 | A |  |  |  |  |  | A |
| [P.917 (P.QUITS)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8346) | Subjective test methodolgy for assessing impact of initial loading delay on user experience ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200209A0801MSWE.docx&group=12)) | 2018-12-16 | 2019-01-12 | A |  |  |  |  |  | A |
| [P.1100](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8350) | Narrowband hands-free communication in motor vehicles ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200209E0801MSWE.docx&group=12)) | 2018-12-16 | 2019-01-12 | A |  |  |  |  |  | A |
| [P.1110](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8352) | Wideband hands-free communication in motor vehicles ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020A00801MSWE.docx&group=12)) | 2018-12-16 | 2019-01-12 | A |  |  |  |  |  | A |
| [P.1203.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8353) | Parametric bitstream-based quality assessment of progressive download and adaptive audiovisual streaming services over reliable transport - Video quality estimation module ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020A10801MSWE.docx&group=12)) | 2018-12-16 | 2019-01-12 | A |  |  |  |  |  | A |
| [P.1203.3](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8354) | Parametric bitstream-based quality assessment of progressive download and adaptive audiovisual streaming services over reliable transport - Quality integration module ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020A20801MSWE.docx&group=12)) | 2018-12-16 | 2019-01-12 | A |  |  |  |  |  | A |
| [Y.1550 (Y.cvms)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8347) | Considerations for Realizing Virtual Measurement Systems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200209B0801MSWE.docx&group=12)) | 2018-12-16 | 2019-01-12 | 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.989.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8267) | 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=T010200204B0801MSWE.docx&group=15)) | 2018-11-01 | 2018-11-28 | LJ | AR | 2019-01-16 | 2019-02-05 |  |  | AR |
| [G.8262.1/Y.1362.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8343) | Timing characteristics of an enhanced synchronous equipment slave clock ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020970801MSWE.docx&group=15)) | 2018-12-01 | 2019-01-11 | A |  |  |  |  |  | A |
| [G.8273.2/Y.1368.2 Amd.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8344) | Timing characteristics of telecom boundary clocks and telecom time slave clocks- Amendment 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020980801MSWE.docx&group=15)) | 2018-12-01 | 2019-01-11 | 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.4051 (Y.SCC-Terms)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8374) | Vocabulary for smart cities and communities ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020B60801MSWE.docx&group=20)) | 2019-01-16 | 2019-02-12 |  |  |  |  |  |  | LC |
| [Y.4202 (Y.WPT-usecase)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8375) | Framework of wireless power transmission application service ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020B70801MSWE.docx&group=20)) | 2019-01-16 | 2019-02-12 |  |  |  |  |  |  | LC |
| [Y.4203 (Y.IoT-things-description-reqts)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8376) | Requirements of things description in the Internet of things ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020B80801MSWE.docx&group=20)) | 2019-01-16 | 2019-02-12 |  |  |  |  |  |  | LC |
| [Y.4204 (Y.Accessibility-IoT)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8377) | Accessibility requirements for the Internet of things applications and services ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020B90801MSWE.docx&group=20)) | 2019-01-16 | 2019-02-12 |  |  |  |  |  |  | LC |
| [Y.4205 (Y.CrowdSystems)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8378) | Requirements and reference model of IoT-related crowdsourced systems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020BA0801MSWE.docx&group=20)) | 2019-01-16 | 2019-02-12 |  |  |  |  |  |  | LC |
| [Y.4458 (Y.SSL)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8379) | Requirements and functional architecture of smart street light service ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020BB0812MSWE.docx&group=20)) | 2019-01-16 | 2019-02-12 |  |  |  |  |  |  | LC |
| [Y.4459 (Y.IoT-Interop)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8380) | An architecture for IoT interoperability ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020BC0801MSWE.docx&group=20)) | 2019-01-16 | 2019-02-12 |  |  |  |  |  |  | LC |
| [Y.4555 (Y.IoT-SQ-fns)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8384) | Service functionalities of self-quantification over Internet of things ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020C00801MSWE.docx&group=20)) | 2019-01-16 | 2019-02-12 |  |  |  |  |  |  | LC |
| [Y.4556 (Y.SC-Residential)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8383) | Requirements and functional architecture of smart residential community ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020BF0801MSWE.docx&group=20)) | 2019-01-16 | 2019-02-12 |  |  |  |  |  |  | LC |
| [Y.4904 (Y.SSC-MM)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8382) | Smart sustainable cities maturity model ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020BE0801MSWE.docx&group=20)) | 2019-01-16 | 2019-02-12 |  |  |  |  |  |  | LC |
| [Y.4905 (Y.SSC-IA)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8381) | Smart sustainable city impact assessment ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020BD0812MSWE.docx&group=20)) | 2019-01-16 | 2019-02-12 |  |  |  |  |  |  | LC |

Annex 2

(to TSB AAP-50)

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-50)

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.*