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| International Telecommunication Union  *Telecommunication Standardization Bureau* | itu_logo |

Geneva, 16 February 2014

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| Ref:  Tel:  Fax:  E-mail: | **TSB AAP-28**  AAP/MJ  +41 22 730 5860  +41 22 730 5853  [tsbdir@itu.int](mailto:tsbdir@itu.int) | – To Administrations of Member States of the Union;  – To ITU-T Sector Members;  – To ITU-T Associates  **Copy:**  – To the ITU-T Study Group Chairmen and Vice-Chairmen;  – To the Director of the Telecommunication Development Bureau;  – To the Director of the Radiocommunication Bureau |

|  |  |
| --- | --- |
| Subject: | **Situation concerning Recommendations under the Alternative Approval Process (AAP)** |

Dear Sir/Madam,

The Alternative Approval Process (AAP) defined in Rec. ITU-T A.8 applies to Recommendations which do not have policy or regulatory implications and which, therefore, do not require formal consultation of Member States (see ITU Convention 246B).

**Annex 1** lists those texts whose status has changed compared with previous TSB AAP Announcements.

If you wish to submit a comment relative to a Recommendation under AAP, you are encouraged to use the on-line AAP comment submission form available on the page of the Recommendation in the AAP area of the ITU-T website at [http://www.itu.int/ITU-T/aap](http://www.itu.int/ITU-T/aap/) (see **Annex 2**). Alternatively, comments can be submitted by completing the form in **Annex 3** and sending it to the secretariat of the concerned study group.

Please note that comments that simply support adoption of the text in question are not encouraged.

Yours faithfully,

Malcolm Johnson  
Director of the Telecommunication Standardization Bureau

**Annexes:** 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.*