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

Geneva, 16 September 2014

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| Ref:  Tel:  Fax:  E-mail: | **TSB AAP-42**  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-42)

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 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.863](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2977) | Perceptual objective listening quality assessment ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000BA10801MSWE.docx&group=12)) | 2014-07-01 | 2014-07-28 | SG |  |  |  |  |  | AC |
| [P.863.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2978) | Application Guide for Recommendation ITU-T P.863 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000BA20812MSWE.docx&group=12)) | 2014-07-01 | 2014-07-28 | SG |  |  |  |  |  | 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.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)) | 2014-09-16 | 2014-10-13 |  |  |  |  |  |  | LC |
| [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)) | 2014-09-16 | 2014-10-13 |  |  |  |  |  |  | LC |
| [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)) | 2014-09-16 | 2014-10-13 |  |  |  |  |  |  | LC |

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.734 (F.TPS-Reqs)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3007) | Definitions, requirements, and use cases for Telepresence Systems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000BBF0801MSWE.docx&group=16)) | 2014-09-16 | 2014-10-13 |  |  |  |  |  |  | LC |
| [F.746.1 (F.LIMSreqs)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3008) | Requirements for Low-latency interactive multimedia streaming ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000BC00801MSWE.doc&group=16)) | 2014-09-16 | 2014-10-13 |  |  |  |  |  |  | LC |
| [F.747.6 (H.USN-WQA)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3079) | Requirements of water quality assessment services in ubiquitous sensor network (USN) ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000C070802MSWE.docx&group=16)) | 2014-09-16 | 2014-10-13 |  |  |  |  |  |  | LC |
| [F.747.7 (F.NBLICreqs)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3009) | Requirements for network based location information conversion for location based applications and services ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000BC10801MSWE.doc&group=16)) | 2014-09-16 | 2014-10-13 |  |  |  |  |  |  | LC |
| [F.748.0 (H.IoT-Reqs)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3010) | Common requirements for Internet of Things (IoT) applications ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000BC20801MSWE.docx&group=16)) | 2014-09-16 | 2014-10-13 |  |  |  |  |  |  | LC |
| [F.748.1 (H.IoT-ID)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3078) | Requirements and common characteristics of IoT identifier for IoT service ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000C060801MSWE.doc&group=16)) | 2014-09-16 | 2014-10-13 |  |  |  |  |  |  | LC |
| [F.771 Amd.1 (F.771 Amd.1)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3011) | Service description and requirements for multimedia information access triggered by tag-based identification: Supporting multiple air interfaces ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000BC30802MSWE.docx&group=16)) | 2014-09-16 | 2014-10-13 |  |  |  |  |  |  | LC |
| [G.711.1 (2009) Amd.1 (G.711.1-SWBS-Float)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3012) | Wideband embedded extension for G.711 PCM: New Annex G with an alternative implementation of stereo superwideband extension using floating-point ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000BC40801MSWE.docx&group=16)) | 2014-09-16 | 2014-10-13 |  |  |  |  |  |  | LC |
| [G.722 (2012) Amd.1 (G.722-SWBS-Float)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3023) | 7 kHz audio-coding within 64 kbit/s: New Annex E with an alternative implementation of stereo superwideband extension using floating-point ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000BCF0801MSWE.docx&group=16)) | 2014-09-16 | 2014-10-13 |  |  |  |  |  |  | LC |
| [G.776.4 (G.SPNE)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3017) | Signal processing network equipment ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000BC90801MSWE.doc&group=16)) | 2014-09-16 | 2014-10-13 |  |  |  |  |  |  | LC |
| [G.799.4 (G.CJB)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3019) | Procedures for control of de-jitter buffers used in PSTN-IP gateways carrying voice-band data ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000BCB0801MSWE.docx&group=16)) | 2014-09-16 | 2014-10-13 |  |  |  |  |  |  | LC |
| [H.222.0 (2012) Amd.5](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3020) | Information technology - Generic coding of moving pictures and associated audio information: Systems: Transport of MVC depth video sub-bitstream and support for HEVC low delay coding mode ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000BCC0801MSWE.doc&group=16)) | 2014-09-16 | 2014-10-13 |  |  |  |  |  |  | LC |
| [H.239](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3022) | Role management and additional media channels for H.300-series terminals ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000BCE0801MSWE.docx&group=16)) | 2014-09-16 | 2014-10-13 |  |  |  |  |  |  | LC |
| [H.248.39](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3024) | Gateway control protocol: H.248 SDP parameter identification and wildcarding ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000BD00801MSWE.docx&group=16)) | 2014-09-16 | 2014-10-13 |  |  |  |  |  |  | LC |
| [H.248.57](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3025) | Gateway control protocol: RTP control protocol package ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000BD10801MSWE.docx&group=16)) | 2014-09-16 | 2014-10-13 |  |  |  |  |  |  | LC |
| [H.248.89 (H.248.TCP)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3026) | Gateway control protocol: TCP support packages ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000BD20801MSWE.docx&group=16)) | 2014-09-16 | 2014-10-13 |  |  |  |  |  |  | LC |
| [H.248.90 (H.248.TLS)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3027) | Gateway control protocol: H.248 packages for control of transport security using TLS ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000BD30801MSWE.docx&group=16)) | 2014-09-16 | 2014-10-13 |  |  |  |  |  |  | LC |
| [H.248.91 (H.248.TLSPROF)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3028) | Guidelines on the use of H.248 capabilities for transport security in TLS networks in H.248 Profiles ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000BD40801MSWE.docx&group=16)) | 2014-09-16 | 2014-10-13 |  |  |  |  |  |  | LC |
| [H.248.92 (H.248.SEPLINK)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3029) | Gateway control protocol: Stream endpoint interlinkage package (New) ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000BD50801MSWE.docx&group=16)) | 2014-09-16 | 2014-10-13 |  |  |  |  |  |  | LC |
| [H.248.93 (H.248.DTLS)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3030) | Gateway control protocol: H.248 support for control of transport security using DTLS ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000BD60801MSWE.docx&group=16)) | 2014-09-16 | 2014-10-13 |  |  |  |  |  |  | LC |
| [H.264.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3031) | Conformance specification for ITU-T H.264 advanced video coding ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000BD70801MSWE.docx&group=16)) | 2014-09-16 | 2014-10-13 |  |  |  |  |  |  | LC |
| [H.265.1 (H.HEVC.Conf)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3033) | Conformance specification for ITU-T H.265 high efficiency video coding ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000BD90801MSWE.docx&group=16)) | 2014-09-16 | 2014-10-13 |  |  |  |  |  |  | LC |
| [H.265.2 (H.HEVC.SW)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3034) | Reference software for ITU-T H.265 high efficiency video coding ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000BDA0801MSWE.doc&group=16)) | 2014-09-16 | 2014-10-13 |  |  |  |  |  |  | LC |
| [H.420 (F/H.TPS-Arch)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3036) | Telepresence System Architecture ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000BDC0801MSWE.docx&group=16)) | 2014-09-16 | 2014-10-13 |  |  |  |  |  |  | LC |
| [H.621 Amd.1 (H.621 Amd.1)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3037) | Architecture of a system for multimedia information access triggered by tag-based identification: Supporting multiple air interfaces ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000BDD0801MSWE.docx&group=16)) | 2014-09-16 | 2014-10-13 |  |  |  |  |  |  | LC |
| [H.785.0 (H.DS-DISR)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3039) | Digital signage: Requirements of disaster information services ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000BDF0801MSWE.doc&group=16)) | 2014-09-16 | 2014-10-13 |  |  |  |  |  |  | LC |
| [T.38 Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3072) | Procedures for real-time Group 3 facsimile communication over IP networks: New Appendix VI, clarifications and corrections ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000C000801MSWE.docx&group=16)) | 2014-09-16 | 2014-10-13 |  |  |  |  |  |  | LC |
| [T.800 (2002) Amd.8](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3073) | Information technology - JPEG 2000 image coding system: Core coding system: Profiles for an interoperable master format (IMF) ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000C010801MSWE.doc&group=16)) | 2014-09-16 | 2014-10-13 |  |  |  |  |  |  | LC |
| [T.800 (2002) Cor.3](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3074) | Information technology - JPEG 2000 image coding system: Core coding system: Correction of equation G-9 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000C020801MSWE.doc&group=16)) | 2014-09-16 | 2014-10-13 |  |  |  |  |  |  | LC |
| [T.800 (2002) Cor.4](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3075) | Information technology - JPEG 2000 image coding system: Core coding system: Miscellaneous corrections ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000C030801MSWE.doc&group=16)) | 2014-09-16 | 2014-10-13 |  |  |  |  |  |  | LC |
| [T.804 Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3076) | Information technology - JPEG 2000 image coding system: Reference software: Reference software for the JP2 file format ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000C040801MSWE.docx&group=16)) | 2014-09-16 | 2014-10-13 |  |  |  |  |  |  | LC |
| [T.834](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3077) | Information technology - JPEG XR image coding system - Conformance testing ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000C050803MSWE.doc&group=16)) | 2014-09-16 | 2014-10-13 |  |  |  |  |  |  | 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.906](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2966) | Information technology - Open distributed processing - Use of UML for ODP system specifications ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B960801MSWE.docx&group=17)) | 2014-08-16 | 2014-09-12 | AR |  | 2014-09-16 | 2014-10-06 |  |  | AR |
| [X.911](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2967) | Information technology - Open distributed processing - Reference model - Enterprise language ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000B970801MSWE.docx&group=17)) | 2014-08-16 | 2014-09-12 | A |  |  |  |  |  | A |

Annex 2

(to TSB AAP-42)

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-42)

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.*