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

Ginebra, 16 de agosto de 2020

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| --- | --- | --- |
| Ref:  Tel:  Fax:  Correo-e: | **TSB AAP-87**  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;  – A las Instituciones Académicas de la UIT  **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 <https://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-87)

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:

[https://www.itu.int/ITU-T](https://www.itu.int/ITU-T/)

Alternative approval process (AAP) welcome page:

[https://www.itu.int/ITU-T/aapinfo](https://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:

<https://www.itu.int/ITU-T/aap/>

Study Group web pages and contacts:

|  |  |  |
| --- | --- | --- |
| SG 2 | <https://www.itu.int/ITU-T/studygroups/com02> | [tsbsg2@itu.int](mailto:tsbsg2@itu.int) |
| SG 3 | <https://www.itu.int/ITU-T/studygroups/com03> | [tsbsg3@itu.int](mailto:tsbsg3@itu.int) |
| SG 5 | <https://www.itu.int/ITU-T/studygroups/com05> | [tsbsg5@itu.int](mailto:tsbsg5@itu.int) |
| SG 9 | <https://www.itu.int/ITU-T/studygroups/com09> | [tsbsg9@itu.int](mailto:tsbsg9@itu.int) |
| SG 11 | <https://www.itu.int/ITU-T/studygroups/com11> | [tsbsg11@itu.int](mailto:tsbsg11@itu.int) |
| SG 12 | <https://www.itu.int/ITU-T/studygroups/com12> | [tsbsg12@itu.int](mailto:tsbsg12@itu.int) |
| SG 13 | <https://www.itu.int/ITU-T/studygroups/com13> | [tsbsg13@itu.int](mailto:tsbsg13@itu.int) |
| SG 15 | <https://www.itu.int/ITU-T/studygroups/com15> | [tsbsg15@itu.int](mailto:tsbsg15@itu.int) |
| SG 16 | <https://www.itu.int/ITU-T/studygroups/com16> | [tsbsg16@itu.int](mailto:tsbsg16@itu.int) |
| SG 17 | <https://www.itu.int/ITU-T/studygroups/com17> | [tsbsg17@itu.int](mailto:tsbsg17@itu.int) |
| SG 20 | <https://www.itu.int/ITU-T/studygroups/com20> | [tsbsg20@itu.int](mailto:tsbsg20@itu.int) |

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.1032 (J.twoway-dcas-part2)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8774) | Downloadable Conditional Access System for Bidirectional Network; System Architecture ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022460801MSWE.docx&group=9)) | 2020-07-16 | 2020-08-12 | A |  |  |  |  |  | A |
| [J.1033 (J.twoway-dcas-part3)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8775) | Downloadable Conditional Access System for Bidirectional Network; The Terminal ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022470801MSWE.docx&group=9)) | 2020-07-16 | 2020-08-12 | A |  |  |  |  |  | A |
| [J.1204 (J.stvos-sec)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8776) | The security framework of a smart TV operating system ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022480801MSWE.docx&group=9)) | 2020-07-16 | 2020-08-12 | A |  |  |  |  |  | A |

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.735.1 (F.SDC)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8742) | Requirements for software defined camera ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022260801MSWE.docx&group=16)) | 2020-07-16 | 2020-08-12 | A |  |  |  |  |  | A |
| [F.743.11 (F.MPUVSReqs)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8747) | Requirements for video surveillance with mobile premises units ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200222B0801MSWE.docx&group=16)) | 2020-07-16 | 2020-08-12 | A |  |  |  |  |  | A |
| [F.743.20 (F.AFBDI)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8748) | Assessment framework for big data infrastructure ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200222C0801MSWE.docx&group=16)) | 2020-07-16 | 2020-08-12 | AT |  |  |  |  |  | AT |
| [F.743.21 (F.DAM)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8749) | Framework for data asset management ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200222D0801MSWE.docx&group=16)) | 2020-07-16 | 2020-08-12 | AT |  |  |  |  |  | AT |
| [F.746.10 (H.LLS-DIA)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8750) | Architecture for spontaneous dialog processing system for language learning ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200222E0801MSWE.docx&group=16)) | 2020-07-16 | 2020-08-12 | AT |  |  |  |  |  | AT |
| [F.746.11 (F.IQAS-INT)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8751) | Interfaces for intelligent question answering system ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200222F0801MSWE.docx&group=16)) | 2020-07-16 | 2020-08-12 | AT |  |  |  |  |  | AT |
| [F.748.11 (F.AI-DLPB)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8752) | Metrics and evaluation methods for deep neural network processor benchmark ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022300801MSWE.docx&group=16)) | 2020-07-16 | 2020-08-12 | AT |  |  |  |  |  | AT |
| [F.749.12 (H.CUAV-F)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8753) | Framework for communication application of civilian unmanned aerial vehicle ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022310801MSWE.docx&group=16)) | 2020-07-16 | 2020-08-12 | AT |  |  |  |  |  | AT |
| [F.749.3 (F.VM-URVMN)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8754) | Use cases and requirements for the vehicular multimedia networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022320801MSWE.docx&group=16)) | 2020-07-16 | 2020-08-12 | A |  |  |  |  |  | A |
| [F.751.0 (F.DLS)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8745) | Requirements for distributed ledger systems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022290801MSWE.docx&group=16)) | 2020-07-16 | 2020-08-12 | A |  |  |  |  |  | A |
| [F.751.1 (F.DLT-AC)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8743) | Assessment criteria for distributed ledger technology (DLT) platforms ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022270801MSWE.docx&group=16)) | 2020-07-16 | 2020-08-12 | A |  |  |  |  |  | A |
| [F.751.2 (H.DLT)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8744) | Reference framework for distributed ledger technologies ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022280801MSWE.docx&group=16)) | 2020-07-16 | 2020-08-12 | A |  |  |  |  |  | A |
| [F.922 (F.ACC-ISSVReq)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8746) | Requirements of information service systems for visually impaired persons ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200222A0801MSWE.docx&group=16)) | 2020-07-16 | 2020-08-12 | A |  |  |  |  |  | A |
| [H.430.5 (H.ILE-PE)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8757) | Reference models for immersive live experience (ILE) presentation environment ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022350801MSWE.docx&group=16)) | 2020-07-16 | 2020-08-12 | A |  |  |  |  |  | A |
| [H.627 (V2)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8758) | Signalling and protocols for a video surveillance system ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022360801MSWE.docx&group=16)) | 2020-07-16 | 2020-08-12 | A |  |  |  |  |  | A |
| [H.644.3 (H.MCDN)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8759) | Functional architecture of multimedia content delivery networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022370801MSWE.docx&group=16)) | 2020-07-16 | 2020-08-12 | A |  |  |  |  |  | A |
| [H.702 (V2)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8760) | Accessibility profiles for IPTV systems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022380801MSWE.docx&group=16)) | 2020-07-16 | 2020-08-12 | A |  |  |  |  |  | A |
| [H.704 (H.IPTV-EUIF.1)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8761) | Enhanced UI framework for IPTV terminal device - Gesture control interface ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022390801MSWE.docx&group=16)) | 2020-07-16 | 2020-08-12 | A |  |  |  |  |  | A |
| [H.841 (2020-06)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8762) | Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 1: Optimized Exchange Protocol: Personal Health Device ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200223A0801MSWE.docx&group=16)) | 2020-07-16 | 2020-08-12 | A |  |  |  |  |  | A |
| [H.850.1 (2020-06)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8763) | Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 10A: Transcoding for Bluetooth Low Energy: Personal Health Gateway - Thermometer ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200223B0801MSWE.docx&group=16)) | 2020-07-16 | 2020-08-12 | A |  |  |  |  |  | A |
| [H.850.2 (2020-06)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8764) | Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 10B: Transcoding for Bluetooth Low Energy: Personal Health Gateway - Blood pressure ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200223C0801MSWE.docx&group=16)) | 2020-07-16 | 2020-08-12 | A |  |  |  |  |  | A |
| [H.850.3 (2020-06)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8765) | Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 10C: Transcoding for Bluetooth Low Energy: Personal Health Gateway - Heart-rate ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200223D0801MSWE.docx&group=16)) | 2020-07-16 | 2020-08-12 | A |  |  |  |  |  | A |
| [H.850.4 (2020-06)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8766) | Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 10D: Transcoding for Bluetooth Low Energy: Personal Health Gateway - Glucose meter ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200223E0801MSWE.docx&group=16)) | 2020-07-16 | 2020-08-12 | A |  |  |  |  |  | A |
| [H.850.5 (2020-06)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8767) | Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 10E: Transcoding for Bluetooth Low Energy: Personal Health Gateway - Weighing scales ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200223F0801MSWE.docx&group=16)) | 2020-07-16 | 2020-08-12 | A |  |  |  |  |  | A |
| [H.850.6 (2020-06)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8768) | Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 10F: Transcoding for Bluetooth Low Energy: Personal Health Gateway - Pulse oximeter ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022400801MSWE.docx&group=16)) | 2020-07-16 | 2020-08-12 | A |  |  |  |  |  | A |
| [H.850.7 (2020-06)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8769) | Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 10G: Transcoding for Bluetooth Low Energy: Personal Health Gateway - Continuous glucose monitoring ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022410801MSWE.docx&group=16)) | 2020-07-16 | 2020-08-12 | A |  |  |  |  |  | A |
| [H.862.1 (F.DM-SLM)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8770) | Data model for sleep management services ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022420801MSWE.docx&group=16)) | 2020-07-16 | 2020-08-12 | A |  |  |  |  |  | A |
| [H.862.2 (F.AM-BS)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8771) | Framework of annotation methods for biosignal data ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022430801MSWE.docx&group=16)) | 2020-07-16 | 2020-08-12 | A |  |  |  |  |  | A |
| [H.862.3 (F.VMI-HS)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8772) | Requirements of voice management interface for human-care services ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022440801MSWE.docx&group=16)) | 2020-07-16 | 2020-08-12 | A |  |  |  |  |  | A |

Annex 2

(to TSB AAP-87)

Using the on-line comment submission form

Comment submission

1) Go to AAP search Web page at <https://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:   
<https://www.itu.int/ITU-T/aapinfo/files/AAPTutorial.pdf>

Annex 3

(to TSB AAP-87)

Recommendations under LC/AR – Comment submission form

*(Separate form for each Recommendation being commented upon)*

|  |  |
| --- | --- |
| ITU-T AAP comment submission form | |
| **Study Group:** |  |
| **Announcement number:** |  |
| **Recommendation number:** |  |
| **Date consented:** |  |
| **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.*