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

Ginebra, 16 de octubre de 2019

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| Ref:  Tel:  Fax:  Correo-e: | **TSB AAP-68**  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-68)

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 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.20](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8563) | Resistibility of telecommunication equipment installed in a telecommunication centre to overvoltages and overcurrents ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021730801MSWE.docx&group=5)) | 2019-10-16 | 2019-11-12 |  |  |  |  |  |  | LC |
| [K.39](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8559) | Risk assessment of damages to telecommunication sites due to lightning discharges ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200216F0801MSWE.docx&group=5)) | 2019-10-16 | 2019-11-12 |  |  |  |  |  |  | LC |
| [K.40](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8560) | Protection against lightning electromagnetic pulses in telecommunication centres ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021700801MSWE.docx&group=5)) | 2019-10-16 | 2019-11-12 |  |  |  |  |  |  | LC |
| [K.66](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8561) | Protection of customer premises from overvoltages ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021710801MSWE.docx&group=5)) | 2019-10-16 | 2019-11-12 |  |  |  |  |  |  | LC |
| [K.73](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8562) | Shielding and bonding for cables between buildings ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021720801MSWE.docx&group=5)) | 2019-10-16 | 2019-11-12 |  |  |  |  |  |  | LC |
| [K.91](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8564) | Guidance for assessment, evaluation and monitoring of human exposure to radio frequency electromagnetic fields ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021740801MSWE.docx&group=5)) | 2019-10-16 | 2019-11-12 |  |  |  |  |  |  | LC |
| [K.142 (K.vss)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8565) | Lightning protection and earthing of video surveillance system ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021750801MSWE.docx&group=5)) | 2019-10-16 | 2019-11-12 |  |  |  |  |  |  | LC |
| [K.143 (K.spdsafe)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8566) | Guidance on safety relating to the use of surge protective devices and surge protective components in telecommunication terminal equipment ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021760801MSWE.docx&group=5)) | 2019-10-16 | 2019-11-12 |  |  |  |  |  |  | LC |
| [K.144 (K.appl6)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8567) | Surge protective component application guide - Self-restoring thermally activated overcurrent protectors ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021770801MSWE.docx&group=5)) | 2019-10-16 | 2019-11-12 |  |  |  |  |  |  | LC |
| [K.145 (K.workers)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8568) | Assessment and management of compliance with RF EMF exposure limits for workers at radiocommunication sites and facilities ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021780801MSWE.docx&group=5)) | 2019-10-16 | 2019-11-12 |  |  |  |  |  |  | LC |
| [L.1210 (L.5G\_powering)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8570) | Sustainable power-feeding solutions for 5G networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200217A0801MSWE.docx&group=5)) | 2019-10-16 | 2019-11-12 |  |  |  |  |  |  | LC |
| [L.1305 (L.DCIM)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8571) | Data centre infrastructure management system based on big data and artificial intelligence technology ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200217B0801MSWE.docx&group=5)) | 2019-10-16 | 2019-11-12 |  |  |  |  |  |  | LC |
| [L.1316 (L.EEframe)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8569) | Energy efficiency framework ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021790801MSWE.docx&group=5)) | 2019-10-16 | 2019-11-12 |  |  |  |  |  |  | LC |
| [L.1380 (L.SE\_BS)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8572) | Smart energy solution for telecom sites ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200217C0801MSWE.docx&group=5)) | 2019-10-16 | 2019-11-12 |  |  |  |  |  |  | LC |
| [L.1451 (L.MAAP)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8573) | Methodology for assessing the aggregated positive sector-level impacts of ICT in other sectors ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200217D0801MSWE.docx&group=5)) | 2019-10-16 | 2019-11-12 |  |  |  |  |  |  | LC |
| [L.1470 (L.Trajectories)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8574) | GHG emissions trajectories for the ICT sector compatible with the UNFCCC Paris Agreement ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200217E0801MSWE.docx&group=5)) | 2019-10-16 | 2019-11-12 |  |  |  |  |  |  | LC |

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.1600 (J.pcnp-fmw)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8469) | Premium Cable Network Platform (PCNP) - Framework ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021150801MSWE.docx&group=9)) | 2019-07-01 | 2019-07-28 | LJ | AR | 2019-09-16 | 2019-10-06 | AC |  | AC |

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.1033 (G.DFS)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8551) | QoS and QoE aspects of digital financial services ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021670801MSWE.docx&group=12)) | 2019-09-16 | 2019-10-13 | A |  |  |  |  |  | A |
| [Y.1540](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8439) | Internet protocol data communication service - IP packet transfer and availability performance parameters ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020F70801MSWE.docx&group=12)) | 2019-06-01 | 2019-06-28 | LJ | AR | 2019-09-16 | 2019-10-06 | AJ |  | AJ |

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/Y.1331 (2016) Cor.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8502) | Interfaces for the optical transport network: Corrigendum 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021360801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | LJ | AR | 2019-10-16 | 2019-11-05 |  |  | AR |

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.500](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8527) | Edition 9 of Rec. ITU-T X.500 | ISO/IEC 9594-1 Information technology - Open Systems Interconnection - The Directory: Overview of concepts, models and services ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200214F0801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 | A |  |  |  |  |  | A |
| [X.501](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8528) | Edition 9 of Rec. ITU-T X.501 | ISO/IEC 9594-2 Information technology - Open Systems Interconnection - The Directory: Models ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021500801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 | A |  |  |  |  |  | A |
| [X.509](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8529) | Edition 9 of Rec. ITU-T X.509 | ISO/IEC 9594-8 Information technology - Open Systems Interconnection - The Directory: Public-key and attribute certificate frameworks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021510801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 | A |  |  |  |  |  | A |
| [X.511](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8530) | Edition 9 of Rec. ITU-T X.511 | ISO/IEC 9594-3 Information technology - Open Systems Interconnection - The Directory: Abstract service definition ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021520801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 | A |  |  |  |  |  | A |
| [X.518](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8531) | Edition 9 of Rec. ITU-T X.518 | ISO/IEC 9594-4 Information technology - Open Systems Interconnection - The Directory: Procedures for distributed operation ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021530801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 | A |  |  |  |  |  | A |
| [X.519](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8532) | Edition 9 of Rec. ITU-T X.519 | ISO/IEC 9594-5 Information technology - Open Systems Interconnection - The Directory: Protocol specifications ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021540801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 | A |  |  |  |  |  | A |
| [X.520](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8533) | Edition 9 of Rec. ITU-T X.520 | ISO/IEC 9594-6 Information technology - Open Systems Interconnection - The Directory: Selected attribute types ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021550801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 | A |  |  |  |  |  | A |
| [X.521](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8534) | Edition 9 of Rec. ITU-T X.521 | ISO/IEC 9594-7 Information technology - Open Systems Interconnection - The Directory: Selected object classes ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021560801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 | A |  |  |  |  |  | A |
| [X.525](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8535) | Edition 9 of Rec. ITU-T X.525 | ISO/IEC 9594-9 Information technology - Open Systems Interconnection - The Directory: Replication ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021570801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 | A |  |  |  |  |  | A |
| [X.694 (2015) Cor.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8536) | Information technology - ASN.1 encoding rules: Mapping W3C XML schema definitions into ASN.1 Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021580802MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 | A |  |  |  |  |  | A |
| [X.893 (2007) Cor.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8537) | Information technology - Generic applications of ASN.1: Fast infoset security Technical Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021590801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 | A |  |  |  |  |  | A |
| [X.1702 (X.qrng-a)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8582) | Quantum noise random number generator architecture ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021860801MSWE.docx&group=17)) | 2019-10-16 | 2019-11-12 |  |  |  |  |  |  | LC |
| [Z.100](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8552) | Specification and Description Language - Overview of SDL-2010 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021680801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 | A |  |  |  |  |  | A |
| [Z.100 Annex F1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8556) | Specification and Description Language - Overview of SDL-2010 - SDL formal definition: General overview ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200216C0801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 | A |  |  |  |  |  | A |
| [Z.100 Annex F2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8557) | Specification and Description Language - Overview of SDL-2010 - SDL formal definition: Static semantics ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200216D0801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 | A |  |  |  |  |  | A |
| [Z.100 Annex F3](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8558) | Specification and Description Language - Overview of SDL-2010 - SDL formal definition: Dynamic semantics ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200216E0801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 | A |  |  |  |  |  | A |
| [Z.101](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8538) | Specification and Description Language - Basic SDL-2010 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200215A0801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 | A |  |  |  |  |  | A |
| [Z.102](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8539) | Specification and Description Language - Comprehensive SDL-2010 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200215B0801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 | A |  |  |  |  |  | A |
| [Z.103](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8540) | Specification and Description Language - Shorthand notation and annotation in SDL-2010 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200215C0801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 | A |  |  |  |  |  | A |
| [Z.104](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8541) | Specification and Description Language - Data and action language in SDL-2010 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200215D0801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 | A |  |  |  |  |  | A |
| [Z.105](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8542) | Specification and Description Language - SDL-2010 combined with ASN.1 modules ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200215E0801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 | A |  |  |  |  |  | A |
| [Z.106](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8543) | Specification and Description Language - Common interchange format for SDL-2010 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200215F0801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 | A |  |  |  |  |  | A |
| [Z.107](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8544) | Specification and Description Language - Object-oriented data in SDL-2010 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021600801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 | A |  |  |  |  |  | A |
| [Z.161](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8545) | Testing and Test Control Notation version 3: TTCN-3 core language ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021610801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 | A |  |  |  |  |  | A |
| [Z.161.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8546) | Testing and Test Control Notation version 3: TTCN-3 language extensions: Configuration and deployment support ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021620801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 | A |  |  |  |  |  | A |
| [Z.161.6](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8547) | Testing and Test Control Notation version 3: TTCN-3 language extensions: Advanced Matching ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021630801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 | A |  |  |  |  |  | A |
| [Z.161.7](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8550) | Testing and Test Control Notation version 3: TTCN-3 Language Extensions: Object-Oriented Features ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021660801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 | A |  |  |  |  |  | A |
| [Z.166](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8548) | Testing and Test Control Notation version 3: TTCN-3 control interface (TCI) ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021640801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 | A |  |  |  |  |  | A |
| [Z.169](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8549) | Testing and Test Control Notation version 3: Using XML schema with TTCN-3 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021650801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 | A |  |  |  |  |  | A |

Annex 2

(to TSB AAP-68)

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-68)

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.*