|  |  |  |
| --- | --- | --- |
| ITU official logo_blue_RGB | International Telecommunication Union  *Telecommunication Standardization Bureau* |  |

Geneva, 16 October 2022

|  |  |  |
| --- | --- | --- |
| Ref:  Tel:  Fax:  E-mail: | **TSB AAP-15**  AAP/CL  +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;  – To ITU Academia  **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 Recommendation ITU-T A.8 applies to Recommendations that 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.

Any member wishing to submit a comment relative to a Recommendation under AAP is encouraged to use the on-line AAP comment submission form available on the page of the Recommendation via [https://www.itu.int/ITU-T/aap](https://www.itu.int/ITU-T/aap/) (see **Annex 2**). Alternatively, comments may 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,

Chaesub Lee  
Director of the Telecommunication Standardization Bureau

**Annexes:** 3

Annex 1

(to TSB AAP-15)

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** |
| [L.1480 (L.Enablement)](https://www.itu.int/t/aap/recdetails/10272) | Enabling the Net Zero transition: Assessing how the use of ICT solutions impacts GHG emissions of other sectors ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028200801MSWE.docx&group=5)) | 2022-07-16 | 2022-08-12 | LJ | AR | 2022-09-16 | 2022-10-06 | SG |  | SG |

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 Cor.2](https://www.itu.int/t/aap/recdetails/10342) | Interfaces for the optical transport network -Corrigendum 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028660801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.709.1/Y.1331 Amd. 3](https://www.itu.int/t/aap/recdetails/10343) | Flexible OTN short reach interfaces - Amendment 3 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028670801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.709.3 Amd 1](https://www.itu.int/t/aap/recdetails/10344) | Flexible OTN long reach interfaces - Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028680801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.781 Amd.1](https://www.itu.int/t/aap/recdetails/10348) | Synchronization layer functions for frequency synchronization based on the physical layer - Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200286C0801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.781.1 Amd.1](https://www.itu.int/t/aap/recdetails/10349) | Synchronization Layer Functions for packet-based networks - Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200286D0801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.806 Amd.1](https://www.itu.int/t/aap/recdetails/10345) | Characteristics of transport equipment - Description methodology and generic functionality - Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028690801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.874 Amd.1](https://www.itu.int/t/aap/recdetails/10367) | Management aspects of optical transport network elements - Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200287F0801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.987.2](https://www.itu.int/t/aap/recdetails/10332) | 10-Gigabit-capable passive optical networks (XG-PON): Physical media dependent (PMD) layer specification ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200285C0801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.988](https://www.itu.int/t/aap/recdetails/10334) | ONU management and control interface (OMCI) specification ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200285E0801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.997.2 Cor.2](https://www.itu.int/t/aap/recdetails/10328) | Physical layer management for G.fast transceivers: Corrigendum 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028580801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.997.3 Cor.1](https://www.itu.int/t/aap/recdetails/10329) | Physical layer management for MGfast transceivers - Corigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028590801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.7703 Amd.1](https://www.itu.int/t/aap/recdetails/10347) | Architecture for the automatically switched optical network – Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200286B0801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.7710/Y.1701 Amd.1](https://www.itu.int/t/aap/recdetails/10361) | Common equipment management function requirements: Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028790801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.7716](https://www.itu.int/t/aap/recdetails/10362) | Architecture of management and control operations ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200287A0801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.7718 Amd.1](https://www.itu.int/t/aap/recdetails/10363) | Framework for the management of management-control components and functions - Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200287B0801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.7721 Amd.1](https://www.itu.int/t/aap/recdetails/10364) | Management requirement and information model for synchronization – Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200287C0801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.8052.1/Y.1346.1 Amd.1](https://www.itu.int/t/aap/recdetails/10365) | Operation, administration, maintenance (OAM) management information and data models for the Ethernet-transport network element - Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200287D0801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.8121.1/Y.1381.1 Cor.1](https://www.itu.int/t/aap/recdetails/10340) | Characteristics of MPLS-TP equipment functional blocks supporting ITU-T G.8113.1/Y.1372.1 OAM mechanisms -Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028640801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.8121.2/Y.1381.2 Cor.1](https://www.itu.int/t/aap/recdetails/10341) | Characteristics of MPLS-TP equipment functional blocks supporting ITU-T G.8113.2/Y.1372.2 OAM mechanisms -Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028650801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.8251](https://www.itu.int/t/aap/recdetails/10350) | The control of jitter and wander within the optical transport network (OTN) ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200286E0801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.8260](https://www.itu.int/t/aap/recdetails/10351) | Definitions and terminology for synchronization in packet networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200286F0803MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.8262.1/Y.1362.1](https://www.itu.int/t/aap/recdetails/10352) | Timing characteristics of enhanced synchronous equipment slave clock ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028700801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.8265.1](https://www.itu.int/t/aap/recdetails/10353) | Precision time protocol telecom profile for frequency synchronization ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028710801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.8271.1/Y.1366.1](https://www.itu.int/t/aap/recdetails/10354) | Network limits for time synchronization in packet networks with full timing support from the network ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028720801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.8271.2/Y.1366.2 Amd.1](https://www.itu.int/t/aap/recdetails/10355) | Network limits for time synchronization in packet networks with partial timing support from the network - Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028730801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.8272/Y.1367 Amd.2](https://www.itu.int/t/aap/recdetails/10368) | Timing characteristics of primary reference time clocks - Amendment 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028800801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.8273.2/Y.1368.2 (2020) Amd. 2](https://www.itu.int/t/aap/recdetails/10356) | Timing characteristics of telecom boundary clocks and telecom time slave clocks for use with full timing support from the network - Amendment 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028740801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.8273.4/Y.1368.4 Amd.2](https://www.itu.int/t/aap/recdetails/10357) | Timing Characteristics of Telecom Boundary Clocks and Telecom Time Slave Clocks for Use with Partial Timing Support from the Network - Amendment 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028750801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.8275.1/Y.1369.1](https://www.itu.int/t/aap/recdetails/10359) | Precision time protocol telecom profile for phase/time synchronization with full timing support from the network ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028770801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.8275.2/Y.1369.2](https://www.itu.int/t/aap/recdetails/10360) | Precision time protocol telecom profile for phase/time synchronization with partial timing support from the network ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028780801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.8275/Y.1369 (2020) Amd. 3](https://www.itu.int/t/aap/recdetails/10358) | Architecture and requirements for packet-based time and phase distribution - Amendment 3 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028760801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.8321 (G.mtn-eqpt)](https://www.itu.int/t/aap/recdetails/10346) | Characteristics of Metro Transport Network equipment functional blocks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200286A0801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.8350 (G.mtn-mgmt)](https://www.itu.int/t/aap/recdetails/10366) | Management and control for metro transport network ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200287E0801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.9701 Cor.3](https://www.itu.int/t/aap/recdetails/10335) | Fast access to subscriber terminals (G.fast) - Physical layer specification: Corrigendum 3 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200285F0801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.9711 Cor.1](https://www.itu.int/t/aap/recdetails/10330) | Multi-gigabit fast access to subscriber terminals (MGfast) Physical layer specification - Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200285A0801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.9802.1 Amd.1](https://www.itu.int/t/aap/recdetails/10327) | Wavelength division multiplexed passive optical networks (WDM PON): General requirements - Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028570801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.9804.2 Amd.1](https://www.itu.int/t/aap/recdetails/10331) | Higher Speed Passive Optical Networks - Common Transmission Convergence Layer Specification - Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200285B0801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.9804.3 Amd.1](https://www.itu.int/t/aap/recdetails/10336) | 50-Gigabit-capable passive optical networks (50G-PON): Physical media dependent (PMD) layer specification Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028600801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.9807.1 (2022)](https://www.itu.int/t/aap/recdetails/10333) | 10-Gigabit-capable symmetric passive optical network (XGS-PON) ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200285D0801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.9901 Cor.1](https://www.itu.int/t/aap/recdetails/10326) | Narrowband orthogonal frequency division multiplexing power line communication transceivers – Power spectral density specification - Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028560801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.9903 Amd.2](https://www.itu.int/t/aap/recdetails/10324) | Narrowband orthogonal frequency division multiplexing power line communication transceivers for G3-PLC networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028540801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.9903 Cor.1](https://www.itu.int/t/aap/recdetails/10325) | Narrowband orthogonal frequency division multiplexing power line communication transceivers for G3-PLC networks - Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028550801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [G.9962 Amd.2](https://www.itu.int/t/aap/recdetails/10337) | Unified high-speed wire-line based home networking transceivers - Management Specification: Amendment 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028610801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [L.109.1 (L.oehc)](https://www.itu.int/t/aap/recdetails/10338) | Type II optical/electrical hybrid cables for access points and other terminal equipment ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028620801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | LC |
| [L.210 (L.ncip)](https://www.itu.int/t/aap/recdetails/10339) | Requirements for passive optical nodes: optical wall outlets and extender boxes ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028630801MSWE.docx&group=15)) | 2022-10-16 | 2022-11-12 |  |  |  |  |  |  | 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.1377 (X.ipscv)](https://www.itu.int/t/aap/recdetails/10319) | Guidelines for an intrusion prevention system for connected vehicles ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200284F0801MSWE.docx&group=17)) | 2022-09-16 | 2022-10-13 | A |  |  |  |  |  | A |
| [Z.161](https://www.itu.int/t/aap/recdetails/10307) | Testing and Test Control Notation version 3: TTCN-3 core language ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028430801MSWE.docx&group=17)) | 2022-09-16 | 2022-10-13 | A |  |  |  |  |  | A |
| [Z.161.1](https://www.itu.int/t/aap/recdetails/10308) | Testing and Test Control Notation version 3: TTCN-3 language extensions: Support of interfaces with continuous signals ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028440801MSWE.docx&group=17)) | 2022-09-16 | 2022-10-13 | A |  |  |  |  |  | A |
| [Z.161.2](https://www.itu.int/t/aap/recdetails/10309) | 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=T01020028450801MSWE.docx&group=17)) | 2022-09-16 | 2022-10-13 | A |  |  |  |  |  | A |
| [Z.161.3](https://www.itu.int/t/aap/recdetails/10310) | Testing and Test Control Notation version 3: TTCN-3 language extensions: Advanced parameterization ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028460801MSWE.docx&group=17)) | 2022-09-16 | 2022-10-13 | A |  |  |  |  |  | A |
| [Z.161.4](https://www.itu.int/t/aap/recdetails/10311) | Testing and Test Control Notation version 3: TTCN-3 language extensions: Behaviour types ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028470801MSWE.docx&group=17)) | 2022-09-16 | 2022-10-13 | A |  |  |  |  |  | A |
| [Z.161.5](https://www.itu.int/t/aap/recdetails/10312) | Testing and Test Control Notation version 3: TTCN-3 language extensions: Performance and real time testing ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028480801MSWE.docx&group=17)) | 2022-09-16 | 2022-10-13 | A |  |  |  |  |  | A |
| [Z.161.6](https://www.itu.int/t/aap/recdetails/10313) | 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=T01020028490801MSWE.docx&group=17)) | 2022-09-16 | 2022-10-13 | A |  |  |  |  |  | A |
| [Z.161.7](https://www.itu.int/t/aap/recdetails/10314) | 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=T010200284A0801MSWE.docx&group=17)) | 2022-09-16 | 2022-10-13 | A |  |  |  |  |  | A |
| [Z.165](https://www.itu.int/t/aap/recdetails/10315) | Testing and Test Control Notation version 3: TTCN-3 runtime interface (TRI) ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200284B0801MSWE.docx&group=17)) | 2022-09-16 | 2022-10-13 | A |  |  |  |  |  | A |
| [Z.165.1](https://www.itu.int/t/aap/recdetails/10316) | Testing and Test Control Notation version 3: TTCN-3 extension package: Extended TRI ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200284C0801MSWE.docx&group=17)) | 2022-09-16 | 2022-10-13 | A |  |  |  |  |  | A |
| [Z.166](https://www.itu.int/t/aap/recdetails/10317) | Testing and Test Control Notation version 3: TTCN-3 control interface (TCI) ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200284D0801MSWE.docx&group=17)) | 2022-09-16 | 2022-10-13 | A |  |  |  |  |  | A |
| [Z.167](https://www.itu.int/t/aap/recdetails/10318) | Testing and Test Control Notation version 3: Using ASN.1 with TTCN-3 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200284E0801MSWE.docx&group=17)) | 2022-09-16 | 2022-10-13 | A |  |  |  |  |  | A |

Annex 2

(to TSB AAP-15)

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-15)

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.*