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| ITU official logo_blue_RGB | Международный союз электросвязи*Бюро стандартизации электросвязи* |  |

Женева, 1 сентября 2019

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| Осн.:Тел.:Факс:Эл. почта: | **TSB AAP-65**AAP/CL+41 22 730 5860+41 22 730 5853tsbdir@itu.int | – Администрациям Государств – Членов Союза;– Членам Сектора МСЭ-Т;– Ассоциированным членам МСЭ-Т;– Академическим организациям − Членам МСЭ**Копии:**– Председателям и заместителям председателей Исследовательских комиссий МСЭ-Т;– Директору Бюро Развития Электросвязи;– Директору Бюро Радиосвязи |

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| Предмет: | **Положение относительно Рекомендаций, рассматриваемых в соответствии с альтернативным процессом утверждения (АПУ)** |

Уважаемая госпожа,
уважаемый господин,

Альтернативный процесс утверждения (АПУ), определенный в Рекомендации МСЭ-Т А.8, распространяется на Рекомендации, которые не имеют политических или регламентарных последствий и которые поэтому не требуют официальных консультаций с Государствами-Членами (см. п. 246B Конвенции МСЭ).

В **Приложении 1** содержится перечень текстов, статус которых изменился по сравнению с предыдущими объявлениями об АПУ БСЭ.

Если вы желаете представить замечания относительно какой-либо Рекомендации, рассматриваемой в соответствии с АПУ, рекомендуем Вам использовать онлайновую форму для представления замечаний по АПУ, которая размещена на странице этой Рекомендации в разделе веб-сайта МСЭ-Т, посвященном АПУ, по адресу: [http://www.itu.int/ITU-T/aap/](https://www.itu.int/ITU-T/aap/) (см. **Приложение 2**). Замечания можно представить иным способом, заполнив приведенную в **Приложении 3** форму и направив ее в секретариат заинтересованной исследовательской комиссии.

Просим принять к сведению, что не рекомендуется представлять замечания, являющиеся не чем иным, как поддержкой рассматриваемого текста.

С уважением,

Чхе Суб Ли
Директор Бюро стандартизации электросвязи

**Приложения**: 3

Annex 1

(to TSB AAP-65)

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

Situation concerning Study Group 13 Recommendations under AAP

| **Rec #** | **Title** | **Last Call (LC) Period** | **Additional Review (AR) Period** | Status |
| --- | --- | --- | --- | --- |
| **LC Start** | **LC End** | **LCResult** | **LJResult** | **AR Start** | **AR End** | **ARResult** | **AJResult** |
| [Y.2775 (Y.DpiArchFn)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8476) | Functional architecture of deep packet inspection for future networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200211C0801MSWE.docx&group=13)) | 2019-07-16 | 2019-08-12 | LJ | AT |  |  |  |  | AT |
| [Y.3800 (Y.QKDN\_FR)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8483) | Framework for Networks supporting Quantum Key Distribution ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021230801MSWE.docx&group=13)) | 2019-07-16 | 2019-08-12 | LJ | AR | 2019-09-01 | 2019-09-21 |  |  | AR |

Situation concerning Study Group 15 Recommendations under AAP

| **Rec #** | **Title** | **Last Call (LC) Period** | **Additional Review (AR) Period** | Status |
| --- | --- | --- | --- | --- |
| **LC Start** | **LC End** | **LCResult** | **LJResult** | **AR Start** | **AR End** | **ARResult** | **AJResult** |
| [G.671](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8496) | Transmission characteristics of optical components and subsystems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021300801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A  |  |  |  |  |  | A  |
| [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 |  |  |  |  |  | LJ |
| [G.798 (2017) Amd.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8503) | Characteristics of optical transport network hierarchy equipment functional blocks - Amendment 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021370801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | LJ |  |  |  |  |  | LJ |
| [G.807 (G.media)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8506) | Generic functional architecture of the optical media network ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200213A0801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | LJ |  |  |  |  |  | LJ |
| [G.808.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8504) | Generic protection switching - ring protection ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021380801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A  |  |  |  |  |  | A  |
| [G.872](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8507) | Architecture of the Optical Transport network (OTN) ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200213B0801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | LJ |  |  |  |  |  | LJ |
| [G.984.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8484) | Gigabit-capable Passive Optical Networks (GPON): Physical Media Dependent (PMD) layer specification ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021240801MSWE.doc&group=15)) | 2019-08-01 | 2019-08-28 | A  |  |  |  |  |  | A  |
| [G.988 (2017) Amd.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8485) | ONU management and control interface (OMCI) specification: Amendment 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021250801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A  |  |  |  |  |  | A  |
| [G.989.2 (2019) Cor.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8486) | 40-Gigabit-capable passive optical networks (NG PON2): Physical media dependent (PMD) layer specification: Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021260802MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A  |  |  |  |  |  | A  |
| [G.998.4 (2018) Cor.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8489) | Improved impulse noise protection for digital subscriber line (DSL) transceivers - Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021290801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A  |  |  |  |  |  | A  |
| [G.7041/Y.1303 (2016) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8505) | Generic framing procedure - Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021390801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A  |  |  |  |  |  | A  |
| [G.7710/Y.1701](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8517) | Common equipment management function requirements ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021450801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A  |  |  |  |  |  | A  |
| [G.7712/Y.1703](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8518) | Architecture and specification of data communication network ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021460801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A  |  |  |  |  |  | A  |
| [G.8013/Y.1731 (2015) Cor.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8499) | Operation, administration and maintenance (OAM) functions and mechanisms for Ethernet-based networks - Corrigendum 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021330802MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A  |  |  |  |  |  | A  |
| [G.8021/Y.1341 (2018) Cor.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8500) | Characteristics of Ethernet transport network equipment functional blocks - Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021340801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A  |  |  |  |  |  | A  |
| [G.8132/Y.1383 (2017) Cor.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8501) | MPLS-TP shared ring protection - Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021350801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A  |  |  |  |  |  | A  |
| [G.8133 (G.mtdh)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8498) | Dual-Homing Protection for MPLS-TP Pseudowires ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021320801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A  |  |  |  |  |  | A  |
| [G.8261/Y.1361](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8508) | Timing and synchronization aspects in packet networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200213C0801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A  |  |  |  |  |  | A  |
| [G.8262.1/Y.1362.1 (2019) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8509) | Timing characteristics of enhanced synchronous equipment slave clock: Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200213D0801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A  |  |  |  |  |  | A  |
| [G.8265.1/Y.1365.1 (2014) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8510) | Precision time protocol telecom profile for frequency synchronization -Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200213E0801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A  |  |  |  |  |  | A  |
| [G.8271.1/Y.1366.1 (2017) Amd.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8511) | Network limits for time synchronization in Packet networks - Amendment 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200213F0801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A  |  |  |  |  |  | A  |
| [G.8272.1/Y.1367.1 (2016) Amd.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8512) | Timing characteristics of enhanced primary reference time clocks -Amendment 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021400801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A  |  |  |  |  |  | A  |
| [G.8273.2/Y.1368.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8513) | Timing characteristics of telecom boundary clocks and telecom time slave clocks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021410801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | AT |  |  |  |  |  | AT |
| [G.8275.1/Y.1369.1 (2016) Amd.3](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8515) | Precision time protocol telecom profile for phase/time synchronization with full timing support from the network -Amendment 3 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021430801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A  |  |  |  |  |  | A  |
| [G.8275.2/Y.1369.2 (2016) Amd.3](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8516) | 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=T01020021440802MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A  |  |  |  |  |  | A  |
| [G.8275/Y.1369 (2017) Amd.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8514) | Architecture and requirements for packet-based time and phase distribution - Amendment 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021420801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A  |  |  |  |  |  | A  |
| [G.9701 (2019) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8491) | Fast access to subscriber terminals (G.fast) - Physical layer specification - Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200212B0802MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | LJ |  |  |  |  |  | LJ |
| [G.9701 (2019) Cor.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8490) | Fast access to subscriber terminals (G.fast) - Physical layer specification - Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200212A0801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | LJ |  |  |  |  |  | LJ |
| [G.9803 (2018) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8487) | Radio over fibre systems - Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021270801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A  |  |  |  |  |  | A  |
| [G.9804.1 (G.hsp.req)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8488) | Higher Speed Passive Optical Networks: Requirements ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021280801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | LJ |  |  |  |  |  | LJ |
| [G.9960 (2018) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8495) | Unified high-speed wire-line based home networking transceivers - System architecture and physical layer specification: Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200212F0801MSWE.docx&group=15)) | 2019-09-01 | 2019-09-28 |  |  |  |  |  |  | LC |
| [G.9960 (2018) Cor.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8494) | Unified high-speed wire-line based home networking transceivers - System architecture and physical layer specification: Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200212E0801MSWE.docx&group=15)) | 2019-09-01 | 2019-09-28 |  |  |  |  |  |  | LC |
| [G.9961 (2018) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8493) | Unified high-speed wireline-based home networking transceivers - Data link layer specification: Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200212D0801MSWE.docx&group=15)) | 2019-09-01 | 2019-09-28 |  |  |  |  |  |  | LC |
| [G.9961 (2018) Cor.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8492) | Unified high-speed wireline-based home networking transceivers - Data link layer specification: Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200212C0801MSWE.docx&group=15)) | 2019-09-01 | 2019-09-28 |  |  |  |  |  |  | LC |
| [L.208 (L.fdb)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8497) | Requirements for passive optical nodes: Fibre Distribution Box ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021310801MSWE.docx&group=15)) | 2019-08-01 | 2019-08-28 | A  |  |  |  |  |  | A  |

Annex 2

(to TSB AAP-65)

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-65)

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* *[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.*