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

Женева, 1 мая 2020

|  |  |  |
| --- | --- | --- |
| Осн.:  Тел.:  Факс:  Эл. почта: | **TSB AAP-80**  AAP/CL  +41 22 730 5860  +41 22 730 5853  [tsbdir@itu.int](mailto:tsbdir@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-80)

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.1 (J.1-rev)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8714) | Terms, definitions and acronyms for television and sound transmission and integrated broadband cable networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200220A0801MSWE.docx&group=9)) | 2020-05-01 | 2020-05-28 |  |  |  |  |  |  | LC |
| [J.216 (J.216-rev)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8720) | Second-generation modular headend architecture in systems for interactive cable television services - IP cable modems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022100801MSWE.docx&group=9)) | 2020-05-01 | 2020-05-28 |  |  |  |  |  |  | LC |
| [J.224 (J.224-rev)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8721) | Fifth-generation transmission systems for interactive cable television services - IP cable modems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022110801MSWE.docx&group=9)) | 2020-05-01 | 2020-05-28 |  |  |  |  |  |  | LC |
| [J.225 (J.4GDOCSIS)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8715) | Fourth-generation transmission systems for interactive cable television services - IP cable modems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200220B0801MSWE.docx&group=9)) | 2020-05-01 | 2020-05-28 |  |  |  |  |  |  | LC |
| [J.299 (J.acs-stb)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8716) | Functional Requirements for remote management of cable STB by Auto Configuration Server (ACS) ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200220C0801MSWE.docx&group=9)) | 2020-05-01 | 2020-05-28 |  |  |  |  |  |  | LC |
| [J.1031 (J.twoway-dcas-part1)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8717) | Downloadable Conditional Access System for Bidirectional Network; Requirements ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200220D0801MSWE.docx&group=9)) | 2020-05-01 | 2020-05-28 |  |  |  |  |  |  | LC |
| [J.1203 (J.stvos-spec)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8718) | The specification of a smart TV operating system ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200220E0802MSWE.docx&group=9)) | 2020-05-01 | 2020-05-28 |  |  |  |  |  |  | LC |
| [J.1211 (J.ipvb-spec)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8719) | Specifications of IP Video Broadcast (IPVB) for CATV Networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200220F0801MSWE.docx&group=9)) | 2020-05-01 | 2020-05-28 |  |  |  |  |  |  | LC |

Situation concerning Study Group 11 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** |
| [Q.3057 (Q.SR-Trust)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8695) | Signalling requirements and architecture for interconnection between trustable network entities ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021F70801MSWE.docx&group=11)) | 2020-04-01 | 2020-04-28 | A |  |  |  |  |  | A |
| [Q.3745 (Q.QMP-TCA)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8697) | Protocol for time constraint IoT-based applications over SDN ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021F90801MSWE.docx&group=11)) | 2020-04-01 | 2020-04-28 | A |  |  |  |  |  | A |
| [Q.3963 (Q.SDN-OFT)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8699) | The compatibility testing of SDN-based equipment using OpenFlow protocol ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021FB0801MSWE.docx&group=11)) | 2020-04-01 | 2020-04-28 | A |  |  |  |  |  | A |
| [Q.5022 (Q.SP-EEC)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8696) | Signalling procedure of energy efficient device-to-device communication for IMT-2020 network ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021F80801MSWE.docx&group=11)) | 2020-04-01 | 2020-04-28 | A |  |  |  |  |  | A |
| [X.609.5 (X.609.5)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8698) | Managed P2P communications: Overlay management protocol ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021FA0801MSWE.docx&group=11)) | 2020-04-01 | 2020-04-28 | A |  |  |  |  |  | A |

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** |
| [E.812 (E.CrowdESFB)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8710) | Crowdsourcing approach for the assessment of end-to-end QoS in fixed and mobile broadband networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022060801MSWE.docx&group=12)) | 2020-05-01 | 2020-05-28 |  |  |  |  |  |  | LC |
| [G.1035 (G.QoE-VR)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8711) | Influencing factors on quality of experience (QoE) for virtual reality (VR) services ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022070801MSWE.docx&group=12)) | 2020-05-01 | 2020-05-28 |  |  |  |  |  |  | LC |
| [P.501](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8712) | Test signals for use in telephony and other speech-based applications ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022080801MSWE.docx&group=12)) | 2020-05-01 | 2020-05-28 |  |  |  |  |  |  | LC |
| [P.1203.3 Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8713) | Parametric bitstream-based quality assessment of progressive download and adaptive audiovisual streaming services over reliable transport - Quality integration module Amendment 1 - Adjustment of the audiovisual quality ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022090801MSWE.docx&group=12)) | 2020-05-01 | 2020-05-28 |  |  |  |  |  |  | LC |

Situation concerning Study Group 13 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** |
| [Y.2029 (2015) Amd.1 (Y.NE-MPT)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8706) | A multi-path transmission control in multi-connection: Amendment 1 - Network Equipment based Multipath Transmission ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022020801MSWE.docx&group=13)) | 2020-04-01 | 2020-04-28 | A |  |  |  |  |  | A |
| [Y.3154 (Y.NetSoft-SSMO)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8701) | Resource pooling for scalable network slice service management and orchestration in the IMT-2020 network ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021FD0801MSWE.docx&group=13)) | 2020-04-01 | 2020-04-28 | A |  |  |  |  |  | A |
| [Y.3175 (Y.qos-ml-arc)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8700) | Functional architecture of machine learning based quality of service assurance for the IMT-2020 network ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021FC0801MSWE.docx&group=13)) | 2020-04-01 | 2020-04-28 | A |  |  |  |  |  | A |
| [Y.3652 (Y.bDDN-req)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8703) | Big data driven networking – requirements ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021FF0802MSWE.docx&group=13)) | 2020-04-01 | 2020-04-28 | LJ |  |  |  |  |  | LJ |
| [Y.3800 (2019) Corr.1 (Y.3800 (2019) Corr.1)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8707) | Overview on networks supporting quantum key distribution - Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022030801MSWE.docx&group=13)) | 2020-04-01 | 2020-04-28 | A |  |  |  |  |  | A |
| [Y.3801 (Y.QKDN-req)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8705) | Functional requirements for quantum key distribution networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022010801MSWE.docx&group=13)) | 2020-04-01 | 2020-04-28 | A |  |  |  |  |  | A |

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.8300 (G.ctn5g)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8675) | Characteristics of transport networks to support IMT-2020/5G ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021E30803MSWE.docx&group=15)) | 2020-02-16 | 2020-03-14 | LJ | AR | 2020-05-01 | 2020-05-21 |  |  | 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.1149 (X.sfop)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8709) | Security framework of open platform for FinTech services ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022050801MSWE.docx&group=17)) | 2020-05-01 | 2020-05-28 |  |  |  |  |  |  | LC |
| [X.1402 (X.sra-dlt)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8708) | Security framework for distributed ledger technology ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022040801MSWE.docx&group=17)) | 2020-05-01 | 2020-05-28 |  |  |  |  |  |  | LC |
| [X.1451 (X.tfrca)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8722) | Risk identification to optimize authentication ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020022120801MSWE.docx&group=17)) | 2020-05-01 | 2020-05-28 |  |  |  |  |  |  | LC |

Annex 2

(to TSB AAP-80)

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-80)

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.*