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

Женева, 16 декабря 2018

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| Осн.:Тел.:Факс:Эл. почта: | **TSB AAP-49**AAP/CL+41 22 730 5860+41 22 730 5853tsbdir@itu.int | – Администрациям Государств – Членов Союза;– Членам Сектора МСЭ-Т;– Ассоциированным членам МСЭ-Т**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/> (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.

1 января 2019 года никаких объявлений о применении АПУ не будет сделано, поскольку МСЭ будет закрыт. В связи с этим крайний срок для представления замечаний по ряду текстов в рамках АПУ был продлен.

С уважением,

Чхе Суб Ли
Директор Бюро стандартизации электросвязи

**Приложения**: 3

Annex 1

(to TSB AAP-49)

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:

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

Alternative approval process (AAP) welcome page:

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

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

Study Group web pages and contacts:

|  |  |  |
| --- | --- | --- |
| SG 2 | <http://www.itu.int/ITU-T/studygroups/com02> | tsbsg2@itu.int |
| SG 3 | <http://www.itu.int/ITU-T/studygroups/com03> | tsbsg3@itu.int |
| SG 5 | <http://www.itu.int/ITU-T/studygroups/com05> | tsbsg5@itu.int |
| SG 9 | <http://www.itu.int/ITU-T/studygroups/com09> | tsbsg9@itu.int |
| SG 11 | <http://www.itu.int/ITU-T/studygroups/com11> | tsbsg11@itu.int |
| SG 12 | <http://www.itu.int/ITU-T/studygroups/com12> | tsbsg12@itu.int |
| SG 13 | <http://www.itu.int/ITU-T/studygroups/com13> | tsbsg13@itu.int |
| SG 15 | <http://www.itu.int/ITU-T/studygroups/com15> | tsbsg15@itu.int |
| SG 16 | <http://www.itu.int/ITU-T/studygroups/com16> | tsbsg16@itu.int |
| SG 17 | <http://www.itu.int/ITU-T/studygroups/com17> | tsbsg17@itu.int |
| SG 20 | <http://www.itu.int/ITU-T/studygroups/com20> | 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** | **LCResult** | **LJResult** | **AR Start** | **AR End** | **ARResult** | **AJResult** |
| [L.1015 (L.CEM)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8265) | Criteria for evaluation of the environmental impact of mobile phones ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020490801MSWE.docx&group=5)) | 2018-10-16 | 2018-11-12 | LJ | AR | 2018-12-16 | 2019-01-11 |  |  | AR |

Situation concerning Study Group 9 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** |
| [J.1 (J.tda)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8355) | 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=T01020020A30801MSWE.docx&group=9)) | 2018-12-16 | 2019-01-12 |  |  |  |  |  |  | LC |
| [J.298 (J.stb-cts)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8358) | Requirements and technical specifications of cable TV hybrid set-top box that has the compatibility with terrestrial and satellite TV transport ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020A60801MSWE.docx&group=9)) | 2018-12-16 | 2019-01-12 |  |  |  |  |  |  | LC |
| [J.302 (2016) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8373) | System specifications of augmented reality smart television service: Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020B50801MSWE.docx&group=9)) | 2018-12-16 | 2019-01-12 |  |  |  |  |  |  | LC |
| [J.383 (J.atrans-tlvts)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8356) | Conversion of type length value (TLV) packet and transport stream for advanced cable transmission systems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020A40801MSWE.docx&group=9)) | 2018-12-16 | 2019-01-12 |  |  |  |  |  |  | LC |
| [J.1108 (J.roip-trans)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8359) | Transmission specification for Radio over IP transmission system ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020A70801MSWE.docx&group=9)) | 2018-12-16 | 2019-01-12 |  |  |  |  |  |  | LC |
| [J.1109 (J.fdx-req)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8360) | Requirement for in-band full-duplex in HFC based network ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020A80801MSWE.docx&group=9)) | 2018-12-16 | 2019-01-12 |  |  |  |  |  |  | LC |
| [J.1201 (J.stvos-spec-req)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8357) | The functional requirements of smart TV operating system ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020A50801MSWE.docx&group=9)) | 2018-12-16 | 2019-01-12 |  |  |  |  |  |  | LC |

Situation concerning Study Group 11 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** |
| [Q.4042.1 (Q.wa-iop)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8318) | Cloud interoperability testing about web application - part 1: Interoperability testing between CSC and CSP ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200207E0801MSWE.docx&group=11)) | 2018-11-16 | 2018-12-13 | A  |  |  |  |  |  | A  |
| [X.609.6 (X.mp2p-cdsr)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8319) | Managed P2P communications: Content distribution signalling requirements ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200207F0801MSWE.docx&group=11)) | 2018-11-16 | 2018-12-13 | A  |  |  |  |  |  | A  |
| [X.609.7 (X.mp2p-cdpp)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8320) | Managed P2P communications: Content distribution peer protocol ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020800801MSWE.docx&group=11)) | 2018-11-16 | 2018-12-13 | 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** | **LCResult** | **LJResult** | **AR Start** | **AR End** | **ARResult** | **AJResult** |
| [G.191 (V6)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8351) | Software tools for speech and audio coding standardization ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200209F0801MSWE.docx&group=12)) | 2018-12-16 | 2019-01-12 |  |  |  |  |  |  | LC |
| [G.1028.1 (G.ViLTE)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8345) | End-to-end QoS for Video Telephony over 4G mobile networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020990801MSWE.docx&group=12)) | 2018-12-16 | 2019-01-12 |  |  |  |  |  |  | LC |
| [P.340 Amd.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8349) | Transmission characteristics and speech quality parameters of hands-free terminals - Amendment 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200209D0801MSWE.docx&group=12)) | 2018-12-16 | 2019-01-12 |  |  |  |  |  |  | LC |
| [P.811 (P.SOSH -P.SAT)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8348) | Subjective test methodology for evaluating Speech oriented stereo communication systems over headphones ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200209C0801MSWE.docx&group=12)) | 2018-12-16 | 2019-01-12 |  |  |  |  |  |  | LC |
| [P.917 (P.QUITS)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8346) | Subjective test methodolgy for assessing impact of initial loading delay on user experience ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200209A0801MSWE.docx&group=12)) | 2018-12-16 | 2019-01-12 |  |  |  |  |  |  | LC |
| [P.1100](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8350) | Narrowband hands-free communication in motor vehicles ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200209E0801MSWE.docx&group=12)) | 2018-12-16 | 2019-01-12 |  |  |  |  |  |  | LC |
| [P.1110](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8352) | Wideband hands-free communication in motor vehicles ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020A00801MSWE.docx&group=12)) | 2018-12-16 | 2019-01-12 |  |  |  |  |  |  | LC |
| [P.1203.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8353) | Parametric bitstream-based quality assessment of progressive download and adaptive audiovisual streaming services over reliable transport - Video quality estimation module ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020A10801MSWE.docx&group=12)) | 2018-12-16 | 2019-01-12 |  |  |  |  |  |  | LC |
| [P.1203.3](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8354) | Parametric bitstream-based quality assessment of progressive download and adaptive audiovisual streaming services over reliable transport - Quality integration module ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020A20801MSWE.docx&group=12)) | 2018-12-16 | 2019-01-12 |  |  |  |  |  |  | LC |
| [Y.1550 (Y.cvms)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8347) | Considerations for Realizing Virtual Measurement Systems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200209B0801MSWE.docx&group=12)) | 2018-12-16 | 2019-01-12 |  |  |  |  |  |  | LC |

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.2242 (Y.SFCM)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8321) | Service function chaining in mobile network ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020810801MSWE.docx&group=13)) | 2018-11-16 | 2018-12-13 | A  |  |  |  |  |  | A  |
| [Y.2323 (Y.NGNe-O-reqts)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8322) | Requirements and capabilities of orchestration in next generation network evolution ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020820801MSWE.docx&group=13)) | 2018-11-16 | 2018-12-13 | A  |  |  |  |  |  | A  |
| [Y.2815 (Y.MobileP2P)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8323) | Mobility supporting architecture for mobile Peer to Peer service in heterogeneous wireless networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020830801MSWE.docx&group=13)) | 2018-11-16 | 2018-12-13 | A  |  |  |  |  |  | A  |
| [Y.3053 (2018) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8338) | Framework of trustworthy networking with trust-centric network domains: Amendment 1 - Trustworthy networking deployment architecture and procedures ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020920801MSWE.docx&group=13)) | 2018-11-16 | 2018-12-13 | A  |  |  |  |  |  | A  |
| [Y.3104 (Y.IMT2020-arch)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8328) | Architecture of the IMT-2020 network ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020880801MSWE.docx&group=13)) | 2018-11-16 | 2018-12-13 | A  |  |  |  |  |  | A  |
| [Y.3105 (Y.IMT2020-CE-Req)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8329) | Requirements of capability exposure in the IMT-2020 network ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020890802MSWE.docx&group=13)) | 2018-11-16 | 2018-12-13 | A  |  |  |  |  |  | A  |
| [Y.3112](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8339) | Framework for the support of network slicing in the IMT-2020 network ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020930802MSWE.docx&group=13)) | 2018-11-16 | 2018-12-13 | A  |  |  |  |  |  | A  |
| [Y.3324 (Y.amc)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8330) | Requirements and Architectural Framework for Autonomic Management and Control of IMT-2020 Networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200208A0801MSWE.docx&group=13)) | 2018-11-16 | 2018-12-13 | A  |  |  |  |  |  | A  |
| [Y.3507 (Y.ccpm-reqts)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8331) | Cloud computing - Functional requirements of physical machine ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200208B0801MSWE.docx&group=13)) | 2018-11-16 | 2018-12-13 | A  |  |  |  |  |  | A  |
| [Y.3514 (2018) Cor.1 (2018-07) (Y.CCTIC)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8332) | Cloud computing - Trusted inter-cloud computing framework and requirements ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200208C0801MSWE.docx&group=13)) | 2018-11-16 | 2018-12-13 | A  |  |  |  |  |  | A  |
| [Y.3517 (Y.CCICTM)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8333) | Cloud computing - Overview of inter-cloud trust management ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200208D0801MSWE.docx&group=13)) | 2018-11-16 | 2018-12-13 | A  |  |  |  |  |  | A  |
| [Y.3518 (Y.CCICDM-Req)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8334) | Cloud computing - functional requirements of inter-cloud data management ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200208E0801MSWE.docx&group=13)) | 2018-11-16 | 2018-12-13 | A  |  |  |  |  |  | A  |
| [Y.3519 (Y.BDaaS-arch)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8335) | Cloud computing - Functional architecture of Big Data as a Service ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200208F0801MSWE.docx&group=13)) | 2018-11-16 | 2018-12-13 | A  |  |  |  |  |  | A  |
| [Y.3602 (Y.bdp-reqts)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8336) | Big data - Functional requirements for data provenance ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020900801MSWE.docx&group=13)) | 2018-11-16 | 2018-12-13 | A  |  |  |  |  |  | A  |
| [Y.3651 (Y. bDDN-MNTMP)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8337) | Big-data-driven networking - mobile network traffic management and planning ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020910801MSWE.docx&group=13)) | 2018-11-16 | 2018-12-13 | 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** | **LCResult** | **LJResult** | **AR Start** | **AR End** | **ARResult** | **AJResult** |
| [G.875 (G.874.1)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8340) | Optical transport network: Protocol-neutral management information model for the network element view ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020940801MSWE.docx&group=15)) | 2018-11-16 | 2018-12-13 | AT |  |  |  |  |  | AT |
| [G.8052/Y.1346](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8341) | Protocol-neutral management information model for the Ethernet Transport capable network element ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020950801MSWE.docx&group=15)) | 2018-11-16 | 2018-12-13 | A  |  |  |  |  |  | A  |
| [G.8152/Y.1375](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8342) | Protocol-neutral management information model for the MPLS-TP network element ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020960801MSWE.docx&group=15)) | 2018-11-16 | 2018-12-13 | AT |  |  |  |  |  | AT |

Annex 2

(to TSB AAP-49)

Using the on-line comment submission form

Comment submission

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

Annex 3

(to TSB AAP-49)

Recommendations under LC/AR – Comment submission form

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

|  |
| --- |
| ITU-T AAP comment submission form for the period 2009-2012 |
| **Study Group:** |  |
| **Announcement number:** |  |
| **Recommendation number:** |  |
| **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:** |  |
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