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

Женева, 16 января 2022

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| Осн.:  Тел.:  Факс:  Эл. почта: | **TSB AAP-119**  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-119)

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 2 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** |
| [M.3381 (M.resm-AI)](https://www.itu.int/t/aap/recdetails/10106) | Requirements for energy saving management of 5G RAN system with AI ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200277A0801MSWE.docx&group=2)) | 2021-12-01 | 2022-01-12 | A |  |  |  |  |  | A |
| [Q.819 (Q.rest)](https://www.itu.int/t/aap/recdetails/10107) | REST-based Management Services ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200277B0801MSWE.docx&group=2)) | 2021-12-01 | 2022-01-12 | A |  |  |  |  |  | A |
| [X.786 (X.rest-ics)](https://www.itu.int/t/aap/recdetails/10108) | Guidelines for implementation conformance statement proformas associated with REST-based management systems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200277C0801MSWE.docx&group=2)) | 2021-12-01 | 2022-01-12 | A |  |  |  |  |  | A |

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.83 (K.83)](https://www.itu.int/t/aap/recdetails/10146) | Monitoring of electromagnetic field levels ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027A20801MSWE.docx&group=5)) | 2021-12-16 | 2022-01-12 | A |  |  |  |  |  | A |
| [K.91 (K.91)](https://www.itu.int/t/aap/recdetails/10147) | 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=T01020027A30801MSWE.docx&group=5)) | 2021-12-16 | 2022-01-12 | A |  |  |  |  |  | A |
| [K.124](https://www.itu.int/t/aap/recdetails/10148) | Overview of particle radiation effects on telecommunication systems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027A40801MSWE.docx&group=5)) | 2021-12-16 | 2022-01-12 | A |  |  |  |  |  | A |
| [K.130](https://www.itu.int/t/aap/recdetails/10149) | Neutron irradiation test methods for telecommunication equipment ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027A50801MSWE.docx&group=5)) | 2021-12-16 | 2022-01-12 | A |  |  |  |  |  | A |
| [K.131](https://www.itu.int/t/aap/recdetails/10150) | Design methodologies for telecommunication systems applying soft error measures ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027A60801MSWE.docx&group=5)) | 2021-12-16 | 2022-01-12 | A |  |  |  |  |  | A |
| [K.137 (Revision of ITU-T K.137)](https://www.itu.int/t/aap/recdetails/10143) | Electromagnetic compatibility requirements and measurement methods for wireline telecommunication network equipment ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200279F0801MSWE.docx&group=5)) | 2021-12-16 | 2022-01-12 | A |  |  |  |  |  | A |
| [K.138](https://www.itu.int/t/aap/recdetails/10151) | Quality estimation methods and application guidelines for mitigation measures based on particle radiation tests ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027A70801MSWE.docx&group=5)) | 2021-12-16 | 2022-01-12 | A |  |  |  |  |  | A |
| [K.139](https://www.itu.int/t/aap/recdetails/10152) | Reliability requirements for telecommunication systems affected by particle radiation ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027A80801MSWE.docx&group=5)) | 2021-12-16 | 2022-01-12 | A |  |  |  |  |  | A |
| [K.147](https://www.itu.int/t/aap/recdetails/10025) | Protection of networked information technology equipment ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027290801MSWE.docx&group=5)) | 2021-06-01 | 2021-06-28 | LJ | AR | 2021-12-16 | 2022-01-12 | AC |  | AC |
| [K.151 (K.HVAC\_400VDC)](https://www.itu.int/t/aap/recdetails/10153) | Electrical safety and lightning protection of medium voltage input and up to ±400VDC output power system in ICT data centre and telecommunication centre ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027A90801MSWE.docx&group=5)) | 2021-12-16 | 2022-01-12 | A |  |  |  |  |  | A |
| [L.1016 (L.TWS)](https://www.itu.int/t/aap/recdetails/10155) | Method for Evaluation of the Environmental, Health and Safety Performance of True Wireless Stereo Headphones ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027AB0801MSWE.docx&group=5)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [L.1035 (L.SM\_Batteries)](https://www.itu.int/t/aap/recdetails/10145) | Sustainable Management of Batteries ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027A10801MSWE.docx&group=5)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [L.1036 (L.ewaste-base\_station)](https://www.itu.int/t/aap/recdetails/10156) | Scheduled Waste Management for Base Station (inclusive of e-waste) ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027AC0801MSWE.docx&group=5)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [L.1050 (L.methodology\_arch)](https://www.itu.int/t/aap/recdetails/10032) | Methodology to identify the key equipment in order to assess the environmental impact and e-waste generation of different network architectures ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027300801MSWE.docx&group=5)) | 2021-06-16 | 2021-07-13 | LJ | AR | 2021-12-16 | 2022-01-12 | AC |  | AC |
| [L.1331](https://www.itu.int/t/aap/recdetails/10154) | Assessment of mobile network energy efficiency ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027AA0801MSWE.docx&group=5)) | 2021-12-16 | 2022-01-12 | A |  |  |  |  |  | A |

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.198.1 (J.HiNoC3-REQ)](https://www.itu.int/t/aap/recdetails/10110) | Functional requirements for third-generation HiNoC ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200277E0802MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 | A |  |  |  |  |  | A |
| [J.299 (J.299-rev)](https://www.itu.int/t/aap/recdetails/10142) | Functional requirements for remote management of cable set-top-box by auto configuration server ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200279E0801MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 | A |  |  |  |  |  | A |
| [J.482 (2021) Cor. 1](https://www.itu.int/t/aap/recdetails/10126) | Requirements of a radio frequency (RF)/Internet protocol (IP) video switching system - Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200278E0802MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 | A |  |  |  |  |  | A |
| [J.483 (J.rfip-switching-arch)](https://www.itu.int/t/aap/recdetails/10127) | Architecture and Functional Specifications of a radio frequency (RF)/Internet protocol (IP) video switching system ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200278F0801MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 | A |  |  |  |  |  | A |
| [J.1026 (J.1026-rev)](https://www.itu.int/t/aap/recdetails/10128) | Downloadable conditional access system for unidirectional networks - Requirements ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027900801MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 | A |  |  |  |  |  | A |
| [J.1027 (J.1027-rev)](https://www.itu.int/t/aap/recdetails/10129) | Downloadable conditional access system for unidirectional networks - System architecture ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027910801MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 | A |  |  |  |  |  | A |
| [J.1028 (J.1028-rev)](https://www.itu.int/t/aap/recdetails/10130) | Downloadable conditional access system for unidirectional networks - Terminal system ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027920801MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 | A |  |  |  |  |  | A |
| [J.1111 (J.AIP-DVCS)](https://www.itu.int/t/aap/recdetails/10131) | Requirements for Advanced IP-based Digital Video Convergence Service ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027930801MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 | A |  |  |  |  |  | A |
| [J.1201 (J.1201-rev)](https://www.itu.int/t/aap/recdetails/10132) | Functional requirements of a smart TV operating system ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027940801MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 | A |  |  |  |  |  | A |
| [J.1202 (J.1202-rev)](https://www.itu.int/t/aap/recdetails/10133) | The architecture of a smart TV operating system ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027950801MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 | A |  |  |  |  |  | A |
| [J.1203 (J.1203-rev)](https://www.itu.int/t/aap/recdetails/10134) | The specification of a smart TV operating system ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027960801MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 | A |  |  |  |  |  | A |
| [J.1204 (J.1204-rev)](https://www.itu.int/t/aap/recdetails/10135) | The security framework of a smart TV operating system ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027970801MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 | A |  |  |  |  |  | A |
| [J.1205 (J.stvos-hal)](https://www.itu.int/t/aap/recdetails/10136) | The hardware abstract layer API of a smart TV operating system ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027980801MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 | A |  |  |  |  |  | A |
| [J.1302 (2021) Cor. 1](https://www.itu.int/t/aap/recdetails/10137) | Specification of a cloud-based converged media service to support Internet protocol and broadcast cable television – System architecture – Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027990802MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 | A |  |  |  |  |  | A |
| [J.1303 (J.CBCMS-part3)](https://www.itu.int/t/aap/recdetails/10138) | The specification of cloud-based converged media service to support IP and Broadcast Cable TV – System specification on collaboration between production media cloud and cable service cloud ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200279A0801MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 | A |  |  |  |  |  | A |
| [J.1304 (J.cable-ott)](https://www.itu.int/t/aap/recdetails/10139) | Functional requirements for service collaboration between cable television operator and OTT service provider ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200279B0801MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 | A |  |  |  |  |  | A |
| [J.1401 (J.dtc-dist-req)](https://www.itu.int/t/aap/recdetails/10140) | Television Content Distribution Platforms: Requirements for Open Access and Signal Quality ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200279C0801MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 | A |  |  |  |  |  | A |
| [J.1612 (J.pcnp-smgw-arch)](https://www.itu.int/t/aap/recdetails/10141) | The Architecture for Smart Home Gateway ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200279D0801MSWE.docx&group=9)) | 2021-12-16 | 2022-01-12 | A |  |  |  |  |  | A |

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.3061 (Q.SFPtr)](https://www.itu.int/t/aap/recdetails/10144) | Signalling requirements for service function paths load balancing traceroute in service function chaining ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027A00801MSWE.docx&group=11)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [Q.3631 (Q.ISDN-SIP)](https://www.itu.int/t/aap/recdetails/10178) | Interworking between ISDN and the IP Multimedia (IM) Core Network (CN) subsystem ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027C20801MSWE.docx&group=11)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [Q.3646 (Q.VoLTE-SAO-FP)](https://www.itu.int/t/aap/recdetails/10179) | Framework and protocols for signalling network analyses and optimization in VoLTE ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027C30801MSWE.docx&group=11)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [Q.4102 (Q.HP2P-pp)](https://www.itu.int/t/aap/recdetails/10182) | Hybrid peer-to-peer (P2P) communications: Peer protocol ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027C60801MSWE.docx&group=11)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [Q.4103 (Q.HP2P-omp)](https://www.itu.int/t/aap/recdetails/10183) | Hybrid peer-to-peer (P2P) communications: Overlay management protocol ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027C70801MSWE.docx&group=11)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [Q.5003 (Q.FMEC-SRA)](https://www.itu.int/t/aap/recdetails/10181) | Signalling requirement and architecture for federated multi-access edge computing ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027C50801MSWE.docx&group=11)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [Q.5024 (Q.IMT2020-PIAS)](https://www.itu.int/t/aap/recdetails/10180) | Protocol for providing intelligent analysis services in IMT-2020 network ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027C40801MSWE.docx&group=11)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |

Situation concerning Study Group 13 Recommendations under AAP

| **Rec #** | **Title** | **Last Call (LC) Period** | | | | **Additional Review (AR) Period** | | | | Status |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **LC Start** | **LC End** | **LC Result** | **LJ Result** | **AR Start** | **AR End** | **AR Result** | **AJ Result** |
| [Y.3078 (Y.ICN-DOS)](https://www.itu.int/t/aap/recdetails/10114) | Information centric networking for IMT-2020 and beyond - Requirements and capabilities of data object segmentation ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027820801MSWE.docx&group=13)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [Y.3090 (Y.DTN-ReqArch)](https://www.itu.int/t/aap/recdetails/10115) | Digital twin network - Requirements and architecture ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027830801MSWE.docx&group=13)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [Y.3114 (Y.IMT2020-LC-req-arch)](https://www.itu.int/t/aap/recdetails/10111) | Future networks including IMT-2020: requirements and functional architecture of lightweight core for dedicated networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200277F0801MSWE.docx&group=13)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [Y.3115 (Y.IMT2020-AIICDN-arch)](https://www.itu.int/t/aap/recdetails/10112) | AI enabled cross-domain network architectural requirements and framework for future networks including IMT-2020 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027800801MSWE.docx&group=13)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [Y.3116 (Y.IMT2020-mAI)](https://www.itu.int/t/aap/recdetails/10113) | Traffic typization IMT-2020 management based on an artificial intelligent approach ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027810801MSWE.docx&group=13)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [Y.3180 (Y.MecTA-ML)](https://www.itu.int/t/aap/recdetails/10117) | Mechanism of traffic awareness for application-descriptor-agnostic traffic based on machine learning ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027850801MSWE.docx&group=13)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [Y.3200 (Y.FMSC-req)](https://www.itu.int/t/aap/recdetails/10116) | Fixed, mobile and satellite convergence - Requirements for IMT-2020 network and beyond ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027840801MSWE.docx&group=13)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [Y.3505 (Y.3505 (Rev))](https://www.itu.int/t/aap/recdetails/10119) | Cloud computing – Overview and functional requirements for data storage federation ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027870801MSWE.docx&group=13)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [Y.3528 (Y.ccfrcm)](https://www.itu.int/t/aap/recdetails/10122) | Cloud computing - Framework and requirements of container management in inter-cloud ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200278A0801MSWE.docx&group=13)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [Y.3529 (Y.ccvnf-dm)](https://www.itu.int/t/aap/recdetails/10123) | Cloud computing - Data model framework for NaaS OSS virtualized network function ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200278B0801MSWE.docx&group=13)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [Y.3535 (Y.cccm-reqts)](https://www.itu.int/t/aap/recdetails/10120) | Cloud Computing - Functional requirements for container ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027880801MSWE.docx&group=13)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [Y.3536 (Y.csb-arch)](https://www.itu.int/t/aap/recdetails/10121) | Cloud computing - Functional architecture for cloud service brokerage ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027890801MSWE.docx&group=13)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [Y.3654 (Y.bDDN-MLMec)](https://www.itu.int/t/aap/recdetails/10118) | Big data driven networking - Machine learning mechanism ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027860801MSWE.docx&group=13)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [Y.3680 (Y.MLN-Fr)](https://www.itu.int/t/aap/recdetails/10157) | Framework of human-like networking ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027AD0801MSWE.docx&group=13)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [Y.3807 (Y.QKDN\_QoS\_pa)](https://www.itu.int/t/aap/recdetails/10109) | Quantum Key Distribution networks - QoS parameters ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200277D0801MSWE.docx&group=13)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [Y.3808 (Y.QKDN\_frint)](https://www.itu.int/t/aap/recdetails/10125) | Framework for integration of quantum key distribution network and secure storage network ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200278D0801MSWE.docx&group=13)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [Y.3809 (Y.QKDN\_BM)](https://www.itu.int/t/aap/recdetails/10124) | Quantum Key Distribution Networks - Business role-based models ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200278C0801MSWE.docx&group=13)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |

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.709.4/Y.1331.4 (2020) Cor. 2](https://www.itu.int/t/aap/recdetails/10176) | OTU25 and OTU50 short-reach interfaces - Corrigendum 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027C00801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.709/Y.1331 (2020) Amd. 2](https://www.itu.int/t/aap/recdetails/10175) | Interfaces for the optical transport network - Amendment 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027BF0801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.781.1](https://www.itu.int/t/aap/recdetails/10192) | Synchronization Layer Functions for packet-based synchronization ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027D00801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.798 (2017) Amd. 4](https://www.itu.int/t/aap/recdetails/10177) | Characteristics of Optical Transport Network Hierarchy Equipment Functional Blocks - Amendment 4 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027C10801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.800 (2016) Cor. 1](https://www.itu.int/t/aap/recdetails/10189) | Unified functional architecture of transport networks - Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027CD0801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.805 (2000) Cor. 1](https://www.itu.int/t/aap/recdetails/10190) | Generic functional architecture of transport networks Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027CE0801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.873.1 (2017) Amd. 1](https://www.itu.int/t/aap/recdetails/10184) | Optical transport network: Linear protection - Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027C80801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.984.5](https://www.itu.int/t/aap/recdetails/10159) | Gigabit-capable passive optical networks (G-PON): Enhancement band ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027AF0801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.988 (2017) Amd. 5](https://www.itu.int/t/aap/recdetails/10161) | ONU management and control interface (OMCI) specification: Amendment 5 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027B10801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.994.1 (2021) Amd. 1](https://www.itu.int/t/aap/recdetails/10163) | Handshake procedures for digital subscriber line transceivers - Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027B30801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.997.2 (2019) Amd. 3](https://www.itu.int/t/aap/recdetails/10164) | Physical layer management for G.fast transceivers: Amendment 3 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027B40801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.997.3 (2021) Amd. 1](https://www.itu.int/t/aap/recdetails/10165) | Physical layer management for MGfast transceivers - Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027B50801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.7701](https://www.itu.int/t/aap/recdetails/10187) | Common control aspects ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027CB0801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.7702](https://www.itu.int/t/aap/recdetails/10188) | Architecture for SDN control of transport networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027CC0801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.7711/Y.1702](https://www.itu.int/t/aap/recdetails/10201) | Generic protocol-neutral information model for transport resources ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027D90801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.7712/Y.1703 (2019) Amd. 1](https://www.itu.int/t/aap/recdetails/10199) | Architecture and specification of data communication network - Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027D70801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.7721.1](https://www.itu.int/t/aap/recdetails/10200) | Data model of synchronization management ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027D80801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.8012/Y.1308](https://www.itu.int/t/aap/recdetails/10172) | Ethernet UNI and Ethernet NNI ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027BC0801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.8021/Y.1341](https://www.itu.int/t/aap/recdetails/10173) | Characteristics of Ethernet transport network equipment functional blocks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027BD0801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.8023 (2018) Amd.1](https://www.itu.int/t/aap/recdetails/10185) | Characteristics of equipment functional blocks supporting Ethernet physical layer and Flex Ethernet interfaces - Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027C90801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.8032/Y.1344 (2020) Cor. 1](https://www.itu.int/t/aap/recdetails/10174) | Ethernet ring protection switching - Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027BE0801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.8265.1/Y.1365.1 (2021) Amd. 1](https://www.itu.int/t/aap/recdetails/10193) | Precision time protocol telecom profile for frequency synchronization - Amendment1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027D10801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.8271.1/Y.1366.1 (2020) Amd. 2](https://www.itu.int/t/aap/recdetails/10194) | Network limits for time synchronization in Packet networks with full timing support from the network - Amendment 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027D20801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.8273.2/Y.1368.2 (2020) Amd. 1](https://www.itu.int/t/aap/recdetails/10195) | Timing characteristics of telecom boundary clocks and telecom time slave clocks for use with full timing support from the network - Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027D30801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.8275.1/Y.1369.1 (2020) Amd.3](https://www.itu.int/t/aap/recdetails/10197) | 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=T01020027D50804MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.8275.2/Y.1369.2 (2020) Amd.3](https://www.itu.int/t/aap/recdetails/10198) | Precision time protocol telecom profile for phase/time synchronization with partial timing support from the network - Amendment 3 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027D60801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.8275/Y.1369 (2020) Amd. 2](https://www.itu.int/t/aap/recdetails/10196) | Architecture and requirements for packet-based time and phase distribution - Amendment 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027D40801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.8310 (2020) Cor. 1](https://www.itu.int/t/aap/recdetails/10191) | Architecture of the metro transport network - Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027CF0801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.8312 (2020) Amd. 1](https://www.itu.int/t/aap/recdetails/10205) | Interfaces for metro transport networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027DD0801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.8331 (G.mtn-prot)](https://www.itu.int/t/aap/recdetails/10186) | Metro transport network (MTN) linear protection ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027CA0801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.9701 (2019) Amd.4](https://www.itu.int/t/aap/recdetails/10168) | Fast access to subscriber terminals (G.fast) - Physical layer specification: Amendment 4 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027B80803MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.9702 (G.fastback)](https://www.itu.int/t/aap/recdetails/10166) | Transceiver and system specifications for backhaul applications based on G.fast (G.fastback) ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027B60801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.9711 (2021) Amd. 1](https://www.itu.int/t/aap/recdetails/10162) | Multi-gigabit fast access to subscriber terminals (MGfast) - Physical layer specification - Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027B20801MSWE.doc&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.9803 (2018) Amd.2](https://www.itu.int/t/aap/recdetails/10167) | Radio over fibre systems - Amendment 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027B70801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.9805](https://www.itu.int/t/aap/recdetails/10160) | Coexistence of Passive Optical Network Systems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027B00801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.9806 (2020) Cor. 1](https://www.itu.int/t/aap/recdetails/10158) | Higher speed bidirectional, single fibre, point-to-point optical access system - Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027AE0801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.9960 (2018) Amd. 3](https://www.itu.int/t/aap/recdetails/10202) | Unified high-speed wire-line based home networking transceivers - System architecture and physical layer specification - Amendment 3 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027DA0801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.9961 (2018) Amd. 4](https://www.itu.int/t/aap/recdetails/10203) | Unified high-speed wireline-based home networking transceivers – Data link layer specification: Amendment 4 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027DB0801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [G.9976 (G.uvs)](https://www.itu.int/t/aap/recdetails/9966) | Support UHD video service over G.hn ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020026EE0801MSWE.docx&group=15)) | 2021-05-01 | 2021-05-28 | LJ | SG |  |  |  |  | AC |
| [G.9978 (2018) Amd. 1](https://www.itu.int/t/aap/recdetails/10204) | Secure admission in G.hn network - Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027DC0801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [L.209 (L.font)](https://www.itu.int/t/aap/recdetails/10171) | Requirements for Fiibre Optic Network Terminal Box (FONT) ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027BB0801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [L.316 (L.cid)](https://www.itu.int/t/aap/recdetails/10170) | Cable identification for the construction and maintenance of optical fibre cable networks with optical sensing technique ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027BA0801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |
| [L.400/L.12](https://www.itu.int/t/aap/recdetails/10169) | Optical fibre splices ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027B90801MSWE.docx&group=15)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | 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.1712 (2021) Cor.1](https://www.itu.int/t/aap/recdetails/10206) | Security requirements and measures for QKD networks - key management: Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027DE0801MSWE.docx&group=17)) | 2022-01-16 | 2022-02-12 |  |  |  |  |  |  | LC |

Situation concerning Study Group 20 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.4123 (Y.SmartShoppingMall)](https://www.itu.int/t/aap/recdetails/10091) | Requirements and capability framework of smart shopping mall system ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200276B0801MSWE.docx&group=20)) | 2021-11-01 | 2021-11-28 | LJ | AR | 2021-12-16 | 2022-01-12 | AC |  | AC |

Annex 2

(to TSB AAP-119)

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-119)

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.*