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| ITU official logo_blue_RGB | Union Internationale des Telecommunications  *Bureau de la normalisation des télécommunications* |  |

Genève, le 16 janvier 2022

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| Réf:  Tél:  Fax:  E-mail: | **TSB AAP-119**  AAP/CL  +41 22 730 5860  +41 22 730 5853  [tsbdir@itu.int](mailto:tsbdir@itu.int) | – Aux administrations des Etats Membres de l'Union;  – Aux Membres du Secteur UIT-T;  – Aux Associés de l'UIT-T;  – Aux établissements universitaires participant aux travaux de l'UIT  **Copie:**  – Aux Présidents et Vice-Présidents des Commissions d'études de l'UIT-T;  – Au Directeur du Bureau de développement des télécommunications;  – Au Directeur du Bureau des radiocommunications |

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| Objet: | **Etat des Recommandations auxquelles s'applique la variante de la procédure d'approbation (AAP)** |

Madame, Monsieur,

La variante de la procédure d'approbation (AAP), définie dans la Recommandation UIT-T A.8, s'applique aux Recommandations qui n'ont pas d'incidence politique ou réglementaire et ne nécessitent donc pas une consultation formelle des Etats Membres (voir le numéro 246B de la Convention de l'UIT).

L'**Annexe 1** énumère les textes dont le statut a changé par rapport aux annonces TSB AAP antérieures.

Si vous souhaitez soumettre des observations sur une Recommandation ayant fait l'objet de la procédure AAP, vous êtes encouragés à utiliser le formulaire en ligne de soumission des observations AAP, disponible dans l'espace AAP du site web de l'UIT-T à l'adresse <https://www.itu.int/ITU-T/aap/>, à la page de la Recommandation concernée (voir l'**Annexe 2**). Vous pouvez aussi soumettre vos observations en remplissant le formulaire figurant à l'**Annexe 3** et en l'envoyant au secrétariat de la Commission d'études concernée.

Veuillez noter que les observations ayant simplement pour objet d'appuyer l'adoption du texte en question ne sont pas encouragées.

Veuillez agréer, Madame, Monsieur, l'assurance de ma considération distinguée.

Chaesub Lee  
Directeur du Bureau de la normalisation des télécommunications

**Annexes:** 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.*