



Женева, 16/05/2025

Осн.: **TSB AAP-13**

AAP/SO

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**Кому:**

- Администрациям Государств – Членов Союза;
- Государство Палестина (РЕЗОЛЮЦИЯ 99 (ПЕРЕСМ. ДУБАЙ, 2018 г.));
- 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

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. 246В 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 онлайн-форму для представления замечаний по АПУ, которая размещена на странице этой Рекомендации в разделе веб-сайта МСЭ-Т, посвященном АПУ, по адресу: <https://www.itu.int/t/aap/aap-recs> (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,

Seizo Onoe

Директор Бюро стандартизации электросвязи

**Приложения: 3**

**Result of AAP-13:**

Total Recommendations under AAP: 48

Total Recommendations Approved: 31

**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>

**Alternative approval process (AAP) welcome page:**

<https://www.itu.int/t/aap/about-aap>

**ITU-T AAP Recommendation website:**

<https://www.itu.int/t/aap/aap-recs>

**Study Group web pages and contacts:**

|      |                                                                         |                                                      |
|------|-------------------------------------------------------------------------|------------------------------------------------------|
| SG2  | <a href="https://www.itu.int/go/tsg2">https://www.itu.int/go/tsg2</a>   | <a href="mailto:tsbsg2@itu.int">tsbsg2@itu.int</a>   |
| SG3  | <a href="https://www.itu.int/go/tsg3">https://www.itu.int/go/tsg3</a>   | <a href="mailto:tsbsg3@itu.int">tsbsg3@itu.int</a>   |
| SG5  | <a href="https://www.itu.int/go/tsg5">https://www.itu.int/go/tsg5</a>   | <a href="mailto:tsbsg5@itu.int">tsbsg5@itu.int</a>   |
| SG11 | <a href="https://www.itu.int/go/tsg11">https://www.itu.int/go/tsg11</a> | <a href="mailto:tsbsg11@itu.int">tsbsg11@itu.int</a> |
| SG12 | <a href="https://www.itu.int/go/tsg12">https://www.itu.int/go/tsg12</a> | <a href="mailto:tsbsg12@itu.int">tsbsg12@itu.int</a> |
| SG13 | <a href="https://www.itu.int/go/tsg13">https://www.itu.int/go/tsg13</a> | <a href="mailto:tsbsg13@itu.int">tsbsg13@itu.int</a> |
| SG15 | <a href="https://www.itu.int/go/tsg15">https://www.itu.int/go/tsg15</a> | <a href="mailto:tsbsg15@itu.int">tsbsg15@itu.int</a> |
| SG17 | <a href="https://www.itu.int/go/tsg17">https://www.itu.int/go/tsg17</a> | <a href="mailto:tsbsg17@itu.int">tsbsg17@itu.int</a> |
| SG20 | <a href="https://www.itu.int/go/tsg20">https://www.itu.int/go/tsg20</a> | <a href="mailto:tsbsg20@itu.int">tsbsg20@itu.int</a> |
| SG21 | <a href="https://www.itu.int/go/tsg21">https://www.itu.int/go/tsg21</a> | <a href="mailto:tsbsg21@itu.int">tsbsg21@itu.int</a> |

**Situation concerning Study Group 15 Recommendations under AAP**

| Rec #                                     | Title                                                                                                                                    | Last Call (LC)           |           |           | Additional Review (AR) |           |           | Status |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------|-----------|------------------------|-----------|-----------|--------|
|                                           |                                                                                                                                          | Start / End              | LC Result | LJ Result | Start / End            | AR Result | AJ Result |        |
| <a href="#">G.661</a>                     | Definitions and test methods for the relevant generic parameters of optical amplifier devices and subsystems ( <a href="#">Summary</a> ) | 2025-04-16<br>2025-05-13 | A         |           |                        |           |           | A      |
| <a href="#">G.671</a>                     | Transmission characteristics of optical components and subsystems ( <a href="#">Summary</a> )                                            | 2025-04-16<br>2025-05-13 | A         |           |                        |           |           | A      |
| <a href="#">G.672</a>                     | Characteristics of multi-degree reconfigurable optical add/drop multiplexers ( <a href="#">Summary</a> )                                 | 2025-04-16<br>2025-05-13 | A         |           |                        |           |           | A      |
| <a href="#">G.695</a>                     | Optical interfaces for coarse wavelength division multiplexing applications ( <a href="#">Summary</a> )                                  | 2025-04-16<br>2025-05-13 | A         |           |                        |           |           | A      |
| <a href="#">G.698.4</a>                   | Multichannel bi-directional DWDM applications with port agnostic single-channel optical interfaces ( <a href="#">Summary</a> )           | 2025-04-16<br>2025-05-13 | A         |           |                        |           |           | A      |
| <a href="#">G.709.20 (2024) Amd.1</a>     | Overview of fine grain OTN - Amendment 1 ( <a href="#">Summary</a> )                                                                     | 2025-04-16<br>2025-05-13 | A         |           |                        |           |           | A      |
| <a href="#">G.709.5 (2024) Cor.1</a>      | Flexible OTN short-reach interfaces - Corrigendum 1 ( <a href="#">Summary</a> )                                                          | 2025-04-16<br>2025-05-13 | A         |           |                        |           |           | A      |
| <a href="#">G.709/Y.1331 (2020) Amd.4</a> | Interfaces for the optical transport network - Amendment 4 ( <a href="#">Summary</a> )                                                   | 2025-04-16<br>2025-05-13 | LJ        |           |                        |           |           | LJ     |
| <a href="#">G.781 (2024) Amd.2</a>        | Synchronization layer functions for frequency synchronization based on the physical layer - Amendment 2 ( <a href="#">Summary</a> )      | 2025-04-16<br>2025-05-13 | LJ        |           |                        |           |           | LJ     |
| <a href="#">G.781.1</a>                   | Synchronization layer functions for packet-based synchronization ( <a href="#">Summary</a> )                                             | 2025-04-16<br>2025-05-13 | A         |           |                        |           |           | A      |
| <a href="#">G.798 (2023) Amd.3</a>        | Characteristics of optical transport network hierarchy equipment functional blocks - Amendment 3 ( <a href="#">Summary</a> )             | 2025-04-16<br>2025-05-13 | LJ        |           |                        |           |           | LJ     |
| <a href="#">G.959.1 (2024) Amd.2</a>      | Optical transport network physical layer interfaces - Amendment 2 ( <a href="#">Summary</a> )                                            | 2025-04-16<br>2025-05-13 | A         |           |                        |           |           | A      |
| <a href="#">G.978</a>                     | Characteristics of optical fibre submarine cables ( <a href="#">Summary</a> )                                                            | 2025-04-16<br>2025-05-13 | A         |           |                        |           |           | A      |
| <a href="#">G.987.3</a>                   | 10-Gigabit-capable passive optical networks (XG-PON): Transmission convergence (TC) layer specification ( <a href="#">Summary</a> )      | 2025-04-16<br>2025-05-13 | A         |           |                        |           |           | A      |

| Rec #                                          | Title                                                                                                                                                         | Last Call (LC)           |           |           | Additional Review (AR) |           |           | Status |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------|-----------|------------------------|-----------|-----------|--------|
|                                                |                                                                                                                                                               | Start / End              | LC Result | LJ Result | Start / End            | AR Result | AJ Result |        |
| <a href="#">G.988 (2022) Amd.2</a>             | ONU management and control interface (OMCI) specification - Amendment 2 ( <a href="#">Summary</a> )                                                           | 2025-04-16<br>2025-05-13 | A         |           |                        |           |           | A      |
| <a href="#">G.989.3 (2021) Amd.2</a>           | 40-Gigabit-capable passive optical networks (NG-PON2): Transmission convergence layer specification - Amendment 2 ( <a href="#">Summary</a> )                 | 2025-04-16<br>2025-05-13 | A         |           |                        |           |           | A      |
| <a href="#">G.7711</a>                         | Generic protocol-neutral information model for transport resources ( <a href="#">Summary</a> )                                                                | 2025-05-16<br>2025-06-12 |           |           |                        |           |           | LC     |
| <a href="#">G.7721</a>                         | Management requirement and information model for synchronization ( <a href="#">Summary</a> )                                                                  | 2025-05-16<br>2025-06-12 |           |           |                        |           |           | LC     |
| <a href="#">G.7721.1</a>                       | Data model of synchronization management ( <a href="#">Summary</a> )                                                                                          | 2025-05-16<br>2025-06-12 |           |           |                        |           |           | LC     |
| <a href="#">G.8013/Y.1731 (2023) Amd.1</a>     | Operation, administration and maintenance (OAM) functions and mechanisms for Ethernet-based networks - Amendment 1 ( <a href="#">Summary</a> )                | 2025-04-16<br>2025-05-13 | A         |           |                        |           |           | A      |
| <a href="#">G.8020.3 (G.eth)</a>               | Ethernet ( <a href="#">Summary</a> )                                                                                                                          | 2025-04-16<br>2025-05-13 | LJ        |           |                        |           |           | LJ     |
| <a href="#">G.8021/Y.1341 (2022) Amd. 2</a>    | Characteristics of Ethernet transport network equipment functional blocks - Amendment 2 ( <a href="#">Summary</a> )                                           | 2025-04-16<br>2025-05-13 | A         |           |                        |           |           | A      |
| <a href="#">G.8023 (2018) Amd.3</a>            | Characteristics of equipment functional blocks supporting Ethernet physical layer and Flex Ethernet interfaces- Amendment 3 ( <a href="#">Summary</a> )       | 2025-04-16<br>2025-05-13 | A         |           |                        |           |           | A      |
| <a href="#">G.8052.1</a>                       | Operation, administration, maintenance (OAM) management information and data models for the Ethernet-transport network element ( <a href="#">Summary</a> )    | 2025-05-16<br>2025-06-12 |           |           |                        |           |           | LC     |
| <a href="#">G.8052.2/Y.1346.2 (2021) Amd.1</a> | Resilience information/data models for the Ethernet transport network element - Amendment 1 ( <a href="#">Summary</a> )                                       | 2025-05-16<br>2025-06-12 |           |           |                        |           |           | LC     |
| <a href="#">G.8121/Y.1381 (2018) Amd.2</a>     | Characteristics of MPLS-TP equipment functional blocks - Amendment 2 ( <a href="#">Summary</a> )                                                              | 2025-04-16<br>2025-05-13 | A         |           |                        |           |           | A      |
| <a href="#">G.8151 (2024) Amd. 1</a>           | Management aspects of the MPLS-TP network element - Amendment 1 ( <a href="#">Summary</a> )                                                                   | 2025-04-16<br>2025-05-13 | A         |           |                        |           |           | A      |
| <a href="#">G.8152.1/Y.1375.1 (2021) Amd.3</a> | Operation, administration, maintenance (OAM) management information and data models for the MPLS-TP network element - Amendment 3 ( <a href="#">Summary</a> ) | 2025-05-16<br>2025-06-12 |           |           |                        |           |           | LC     |
| <a href="#">G.8152.2</a>                       | Resilience information/data models for the MPLS-TP network element ( <a href="#">Summary</a> )                                                                | 2025-05-16<br>2025-06-12 |           |           |                        |           |           | LC     |

| Rec #                                          | Title                                                                                                                                        | Last Call (LC)           |           |           | Additional Review (AR) |           |           | Status |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------|-----------|------------------------|-----------|-----------|--------|
|                                                |                                                                                                                                              | Start / End              | LC Result | LJ Result | Start / End            | AR Result | AJ Result |        |
| <a href="#">G.8271.1/Y.1366.1 (2022) Amd.3</a> | Network limits for time synchronization in packet networks with full timing support from the network-Amendment 3 ( <a href="#">Summary</a> ) | 2025-04-16<br>2025-05-13 | A         |           |                        |           |           | A      |
| <a href="#">G.8272</a>                         | Timing characteristics of primary reference time clocks ( <a href="#">Summary</a> )                                                          | 2025-04-16<br>2025-05-13 | LJ        |           |                        |           |           | LJ     |
| <a href="#">G.8272.1 (2024) Amd.1</a>          | Timing characteristics of enhanced primary reference time clocks - Amendment 1 ( <a href="#">Summary</a> )                                   | 2025-04-16<br>2025-05-13 | LJ        |           |                        |           |           | LJ     |
| <a href="#">G.8272.2 (2024) Amd.1</a>          | Timing characteristics of coherent network primary reference time clocks - Amendment 1 ( <a href="#">Summary</a> )                           | 2025-04-16<br>2025-05-13 | A         |           |                        |           |           | A      |
| <a href="#">G.8273/Y.1368 (2023) Amd.1</a>     | Framework of phase and time clocks - Amendment 1 ( <a href="#">Summary</a> )                                                                 | 2025-04-16<br>2025-05-13 | A         |           |                        |           |           | A      |
| <a href="#">G.8275 (2024) Amd. 2</a>           | Architecture and requirements for packet-based time and phase distribution - Amendment 2 ( <a href="#">Summary</a> )                         | 2025-04-16<br>2025-05-13 | A         |           |                        |           |           | A      |
| <a href="#">G.8310 (2020) Amd 2</a>            | Architecture of the metro transport network - Amendment 2 ( <a href="#">Summary</a> )                                                        | 2025-04-16<br>2025-05-13 | A         |           |                        |           |           | A      |
| <a href="#">G.8312 (2020)Amd.4</a>             | Interfaces for metro transport networks - Amendment 4 ( <a href="#">Summary</a> )                                                            | 2025-04-16<br>2025-05-13 | A         |           |                        |           |           | A      |
| <a href="#">G.8321 (2022) Amd.2</a>            | Characteristics of metro transport network equipment functional blocks - Amendment 2 ( <a href="#">Summary</a> )                             | 2025-04-16<br>2025-05-13 | A         |           |                        |           |           | A      |
| <a href="#">G.8371 (G.mtn-sync)</a>            | Synchronization aspects of metro transport network ( <a href="#">Summary</a> )                                                               | 2025-04-16<br>2025-05-13 | LJ        |           |                        |           |           | LJ     |
| <a href="#">G.9804.1 (2019) Amd.3</a>          | Higher speed passive optical networks: Requirements - Amendment 3 ( <a href="#">Summary</a> )                                                | 2025-04-16<br>2025-05-13 | A         |           |                        |           |           | A      |
| <a href="#">G.9807.1 (2023) Amd.1</a>          | 10-Gigabit-capable symmetric passive optical network (XGS-PON) - Amendment 1 ( <a href="#">Summary</a> )                                     | 2025-04-16<br>2025-05-13 | A         |           |                        |           |           | A      |
| <a href="#">G.9943 (G.fin-NM)</a>              | High speed fibre-based in-premises transceivers - network management ( <a href="#">Summary</a> )                                             | 2025-04-16<br>2025-05-13 | LJ        |           |                        |           |           | LJ     |
| <a href="#">G.9949 (G.WMCI)</a>                | WLAN management control interface (WMCI) for in-premises network ( <a href="#">Summary</a> )                                                 | 2025-04-16<br>2025-05-13 | LJ        |           |                        |           |           | LJ     |
| <a href="#">G.9961 (2023) Cor. 1</a>           | Unified high-speed wireline-based home networking transceivers - Data link layer specification - Corrigendum 1 ( <a href="#">Summary</a> )   | 2025-04-16<br>2025-05-13 | A         |           |                        |           |           | A      |

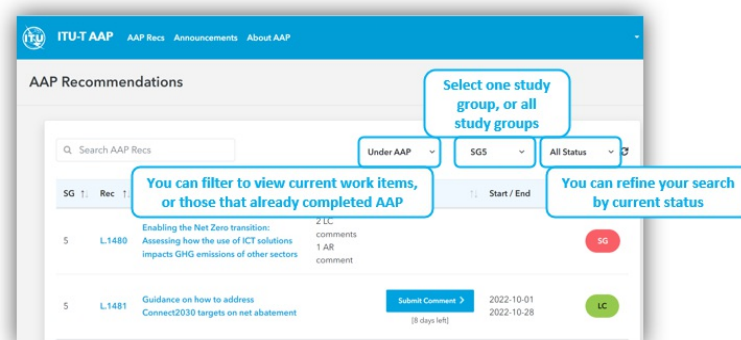
| Rec #                                                | Title                                                                                                                        | Last Call (LC)           |           |           | Additional Review (AR) |           |           | Status |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------|-----------|------------------------|-----------|-----------|--------|
|                                                      |                                                                                                                              | Start / End              | LC Result | LJ Result | Start / End            | AR Result | AJ Result |        |
| <a href="#">G.9975</a><br><a href="#">(G.uvs-XR)</a> | Technical requirements of extended reality service over in-premises networks ( <a href="#">Summary</a> )                     | 2025-04-16<br>2025-05-13 | LJ        |           |                        |           |           | LJ     |
| <a href="#">L.104</a>                                | Small count optical fibre cables for indoor applications ( <a href="#">Summary</a> )                                         | 2025-04-16<br>2025-05-13 | A         |           |                        |           |           | A      |
| <a href="#">L.341</a>                                | Maintenance of telecommunication poles and overhead facilities ( <a href="#">Summary</a> )                                   | 2025-04-16<br>2025-05-13 | A         |           |                        |           |           | A      |
| <a href="#">L.360</a>                                | Operations support system requirements for network infrastructure management using ID technology ( <a href="#">Summary</a> ) | 2025-04-16<br>2025-05-13 | A         |           |                        |           |           | A      |

(To TSB AAP-13)

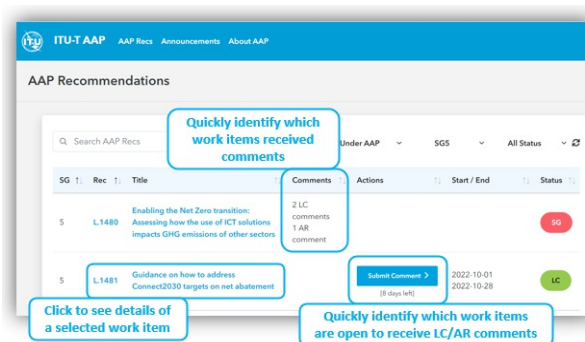
## Using the on-line comment submission form

### Comment submission

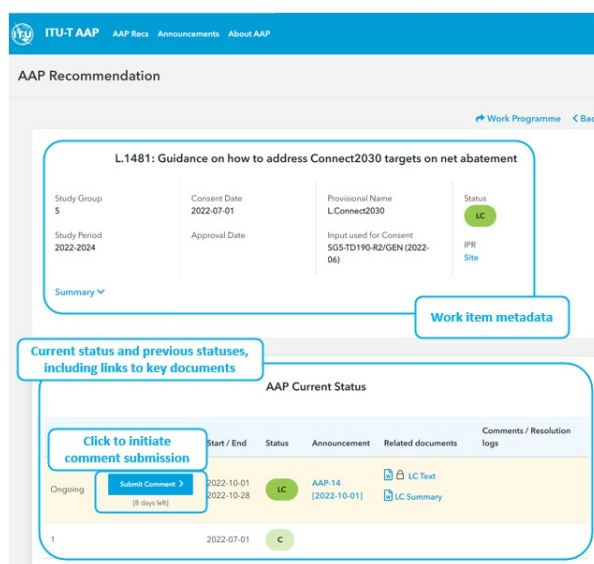
1. Go to AAP site <https://www.itu.int/t/aap/aap-recs> and select an AAP Recommendation:



- 2) Select your Recommendation



- 3) Click the "Submit Comment" button



4) Complete the on-line form and click on "Submit"

Draft Recommendation L.1481  
Study Group 5 - Last Call Additional Review  
Deadline: 2022-10-28 (23:59 hours Geneva time)  
Comment period deadline: 8d 12h 50m

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**About you**

Your details

Contact details are automatically filled in

AAP Focal point

To update the AAP focal point details, please contact [tsbaap@itu.int](mailto:tsbaap@itu.int)

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**Submit your comment**

Level of support for Approval

☐ We support approval of this text on the condition that it be modified per the revisions given below and/or in the attachment.

☐ We do not support approval of this text. Reasons are given below and/or in the attachment

Comment

Please provide your comment(s), if any.

Attachment

☐ File attached

☐ None. Comments are given in the 'Comment' field, no attachment needed.

Submit

5) You will receive an email notification with details of your submission

(To TSB AAP-13)

**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)**Sender name:**  
(if different from AAP  
Contact Person)**Sender email address:****Administration/Company:****Country:****Name of AAP Contact  
Person:****Email of AAP Contact  
Person:****Comments:**  
(Level of support for  
Approval)☐ We support approval of this text on the condition that it be modified per the revisions given☐ We do not support approval of this text. Reasons are given below and/or in the attachment.**Comments:****No attachment:** Comments are given in the 'Comment' 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 one of the following formats: .docx, .doc, .pdf, .xlsx, zip, rar, txt.

Revision marks must be shown relative to the text posted by TSB.