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| International Telecommunication Union  *Telecommunication Standardization Bureau* | itu_logo |

Geneva, 1 July 2012

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| Ref:  Tel:  Fax:  E-mail: | **TSB AAP-85**  AAP/MJ  +41 22 730 5860  +41 22 730 5853  [tsbdir@itu.int](mailto:tsbdir@itu.int) | – To Administrations of Member States of the Union;  – To ITU-T Sector Members;  – To ITU-T Associates  **Copy:**  – To the ITU-T Study Group Chairmen and Vice-Chairmen;  – To the Director of the Telecommunication Development Bureau;  – To the Director of the Radiocommunication Bureau |

|  |  |
| --- | --- |
| Subject: | **Situation concerning Recommendations under the Alternative Approval Process (AAP)** |

Dear Sir/Madam,

The Alternative Approval Process (AAP) defined in Rec. ITU-T A.8 applies to Recommendations which do not have policy or regulatory implications and which, therefore, do not require formal consultation of Member States (see ITU Convention 246B).

**Annex 1** lists those texts whose status has changed compared with previous TSB AAP Announcements.

If you wish to submit a comment relative to a Recommendation under AAP, you are encouraged to use the on-line AAP comment submission form available on the page of the Recommendation in the AAP area of the ITU-T website at [http://www.itu.int/ITU-T/aap](http://www.itu.int/ITU-T/aap/) (see **Annex 2**). Alternatively, comments can be submitted by completing the form in **Annex 3** and sending it to the secretariat of the concerned study group.

Please note that comments that simply support adoption of the text in question are not encouraged.

Yours faithfully,

Malcolm Johnson  
Director of the Telecommunication Standardization Bureau

**Annexes:** 3

Annex 1

(to TSB AAP-85)

Status codes used in the AAP announcements:

LC = Last Call

LJ = Last Call Judgment (includes comment resolution)

AR = Additional Review

AJ = Additional Review Judgment (includes comment resolution)

SG = For Study Group approval

A = Approved

AT = Approved with typographic corrections

AC = Approved after Additional Review of Comments

NA = Not approved

TAP = Moved to TAP (ITU-T A.8 / § 5.2)

ITU-T website entry page:

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

Alternative approval process (AAP) welcome page:

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

Note – A tutorial on the ITU-T AAP application is available under the AAP welcome page

ITU-T website AAP Recommendation search page:

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

Study Group web pages and contacts:

|  |  |  |
| --- | --- | --- |
| SG 2 | <http://www.itu.int/ITU-T/studygroups/com02> | [tsbsg2@itu.int](mailto:tsbsg2@itu.int) |
| SG 3 | <http://www.itu.int/ITU-T/studygroups/com03> | [tsbsg3@itu.int](mailto:tsbsg3@itu.int) |
| SG 5 | <http://www.itu.int/ITU-T/studygroups/com05> | [tsbsg5@itu.int](mailto:tsbsg5@itu.int) |
| SG 9 | <http://www.itu.int/ITU-T/studygroups/com09> | [tsbsg9@itu.int](mailto:tsbsg9@itu.int) |
| SG 11 | <http://www.itu.int/ITU-T/studygroups/com11> | [tsbsg11@itu.int](mailto:tsbsg11@itu.int) |
| SG 12 | <http://www.itu.int/ITU-T/studygroups/com12> | [tsbsg12@itu.int](mailto:tsbsg12@itu.int) |
| SG 13 | <http://www.itu.int/ITU-T/studygroups/com13> | [tsbsg13@itu.int](mailto:tsbsg13@itu.int) |
| SG 15 | <http://www.itu.int/ITU-T/studygroups/com15> | [tsbsg15@itu.int](mailto:tsbsg15@itu.int) |
| SG 16 | <http://www.itu.int/ITU-T/studygroups/com16> | [tsbsg16@itu.int](mailto:tsbsg16@itu.int) |
| SG 17 | <http://www.itu.int/ITU-T/studygroups/com17> | [tsbsg17@itu.int](mailto:tsbsg17@itu.int) |

Situation concerning Study Group 9 Recommendations under AAP

| **Rec #** | **Title** | **Last Call (LC) Period** | | | | **Additional Review (AR) Period** | | | | Status |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **LC Start** | **LC End** | **LC Result** | **LJ Result** | **AR Start** | **AR End** | **AR Result** | **AJ Result** |
| [J.296 (J.adcstb-spec)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2574) | Specification for Hybrid Cable Set-Top Box | 2012-06-01 | 2012-06-28 | A |  |  |  |  |  | A |

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.1920 (Y.IPTV-TM)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2613) | Guidelines for the use of traffic management mechanisms in support of IPTV services | 2012-07-01 | 2012-07-28 |  |  |  |  |  |  | LC |
| [Y.2024 (Y.NGN-Web)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2618) | Functional requirements and architecture of the Web service component in Next Generation Network | 2012-07-01 | 2012-07-28 |  |  |  |  |  |  | LC |
| [Y.2025 (Y.NGN-SIDE-arch)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2614) | Functional architecture of Next Generation Network service integration and delivery environment | 2012-07-01 | 2012-07-28 |  |  |  |  |  |  | LC |
| [Y.2026 (Y.USN-arch)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2615) | Functional requirements and architecture of the Next Generation Network for support of ubiquitous sensor network (USN) applications and services | 2012-07-01 | 2012-07-28 |  |  |  |  |  |  | LC |
| [Y.2027 (Y.MC-ARCH)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2617) | Functional architecture of Multi-connection | 2012-07-01 | 2012-07-28 |  |  |  |  |  |  | LC |
| [Y.2059 (Y.ipv6na)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2624) | Functional requirements for accessing to IPv6-based next generation networks | 2012-07-01 | 2012-07-28 |  |  |  |  |  |  | LC |
| [Y.2060 (Y.IoT-overview)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2510) | Overview of Internet of Things | 2012-03-01 | 2012-03-28 | LJ | SG |  |  |  |  | AC |
| [Y.2061 (Y.MOC-Reqts)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2511) | Requirements for support of machine-oriented communication applications in the NGN environment | 2012-03-01 | 2012-03-28 | LJ | SG |  |  |  |  | AC |
| [Y.2063 (Y.WoT)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2619) | Framework of Web of Things | 2012-07-01 | 2012-07-28 |  |  |  |  |  |  | LC |
| [Y.2069 (Y.terms-IoT)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2623) | Terms and definitions for Internet of Things | 2012-07-01 | 2012-07-28 |  |  |  |  |  |  | LC |
| [Y.2080 (Y.dsnarch)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2506) | Architecture of Distributed Service Networking | 2012-03-01 | 2012-03-28 | LJ | SG |  |  |  |  | AC |
| [Y.2081 (Y.dsntocf)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2620) | Distributed Service Networking Traffic Optimization Control Functions | 2012-07-01 | 2012-07-28 |  |  |  |  |  |  | LC |
| [Y.2252 (Y.MC-ID)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2616) | Identification and configuration of resources for multi-connection | 2012-07-01 | 2012-07-28 |  |  |  |  |  |  | LC |
| [Y.2615 (Y.PTDN-routing)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2626) | The routing mechanisms in Public packet Telecom Data Network (PTDN) | 2012-07-01 | 2012-07-28 |  |  |  |  |  |  | LC |
| [Y.2622 (Y.iSCP\_arch)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2625) | Architecture of independent Scalable Control Plane (iSCP) in future packet based network (FPBN) | 2012-07-01 | 2012-07-28 |  |  |  |  |  |  | LC |
| [Y.2811 (Y.MM-VPN)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2621) | Framework of Mobile Virtual Private Network in Next Generation Network | 2012-07-01 | 2012-07-28 |  |  |  |  |  |  | LC |
| [Y.2812 (Y.MM-WAU)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2622) | Mobility Management for Interworking between WiMAX and UMTS | 2012-07-01 | 2012-07-28 |  |  |  |  |  |  | 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.987.3 (2010) Amd.1 (G.xgpon.3)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2492) | 10-Gigabit-capable passive optical networks (XG-PON): Transmission convergence (TC) specifications: Amendment 1 | 2012-01-16 | 2012-02-12 | LJ | AR | 2012-06-01 | 2012-06-21 | AC |  | AC |
| [G.993.2 (2011) Cor.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2568) | Very high speed digital subscriber line transceivers 2 (VDSL2): Corrigendum 1 | 2012-05-16 | 2012-06-12 | LJ | AT |  |  |  |  | AT |
| [G.997.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2571) | Physical layer management for digital subscriber line (DSL) transceivers | 2012-05-16 | 2012-06-12 | LJ | AT |  |  |  |  | AT |
| [G.8001/Y.1354](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2459) | Terms and definitions for Ethernet frames over Transport | 2012-01-16 | 2012-02-12 | LJ | AR | 2012-06-01 | 2012-06-21 | AC |  | AC |
| [G.8121/Y.1381](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2470) | Characteristics of MPLS-TP Network Equipment Functional Blocks | 2012-01-16 | 2012-02-12 | LJ | AR | 2012-07-01 | 2012-07-21 |  |  | AR |
| [G.8151/Y.1374](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2489) | Management aspects of the MPLS-TP network element | 2012-01-16 | 2012-02-12 | LJ | AR | 2012-07-01 | 2012-07-21 |  |  | AR |

Situation concerning Study Group 16 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** |
| [F.746 (F.MOCC)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2591) | Requirements of multimedia optimization control components | 2012-06-01 | 2012-06-28 | A |  |  |  |  |  | A |
| [F.747.1 (F.USN-SM)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2604) | Capabilities of ubiquitous sensor networks (USN) for supporting requirements of smart metering services | 2012-06-01 | 2012-06-28 | A |  |  |  |  |  | A |
| [F.747.2 (F.USN-CC)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2592) | Deployment guidelines for ubiquitous sensor network (USN) applications and services for mitigating climate change | 2012-06-01 | 2012-06-28 | A |  |  |  |  |  | A |
| [G.160 (V2)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2578) | Voice enhancement devices | 2012-06-01 | 2012-06-28 | A |  |  |  |  |  | A |
| [G.161 (V3)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2579) | Interaction aspects of signal processing network equipment | 2012-06-01 | 2012-06-28 | A |  |  |  |  |  | A |
| [G.728](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2601) | Coding of speech at 16 kbit/s using low-delay code excited linear prediction | 2012-06-01 | 2012-06-28 | A |  |  |  |  |  | A |
| [G.729 (G.729)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2602) | Coding of speech at 8kbit/s using conjugate-structure algebraic-code-excited linear prediction (CS-ACELP) | 2012-06-01 | 2012-06-28 | A |  |  |  |  |  | A |
| [H.222.0 (4th Ed.) (H.222.0 (2006) Amd.7)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2581) | Information technology - Generic coding of moving pictures and associated audio information: Systems" | 2012-06-01 | 2012-06-28 | A |  |  |  |  |  | A |
| [H.241 (2012) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2580) | Extended video procedures and control signals for H.300-series terminals: Support for the Constrained High, Scalable Constrained Baseline, and Scalable Constrained High H.264 profiles | 2012-06-01 | 2012-06-28 | A |  |  |  |  |  | A |
| [H.248.84 (H.248.NATTP2P)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2583) | Gateway control protocol: NAT traversal for peer-to-peer services | 2012-06-01 | 2012-06-28 | AR |  | 2012-07-01 | 2012-07-21 |  |  | AR |
| [H.460.26](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2582) | Using H.225.0 call signalling connection as transport for media | 2012-06-01 | 2012-06-28 | A |  |  |  |  |  | A |
| [H.627 (H.VSprot)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2603) | Signalling and protocols for visual surveillance | 2012-06-01 | 2012-06-28 | A |  |  |  |  |  | A |
| [H.642.1 (H.IDscheme)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2593) | Multimedia information access triggered by tag-based identification-Part 1: Identification scheme | 2012-06-01 | 2012-06-28 | A |  |  |  |  |  | A |
| [H.642.2 (H.ID-RA)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2594) | Multimedia information access triggered by tag-based identification-Part 2: Registration procedures for identifiers | 2012-06-01 | 2012-06-28 | AT |  |  |  |  |  | AT |
| [H.642.3 (H.IRP)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2595) | Information technology - Automatic identification and data capture technique - Identifier resolution protocol for multimedia information access triggered by tag-based identification | 2012-06-01 | 2012-06-28 | A |  |  |  |  |  | A |
| [H.730 (H.IPTV-WBTM)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2584) | Web-based terminal middleware for IPTV services | 2012-06-01 | 2012-06-28 | A |  |  |  |  |  | A |
| [H.741.1 (H.IPTV-AM.0-1)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2586) | IPTV application event handling: Audience measurement operations for IPTV services | 2012-06-01 | 2012-06-28 | A |  |  |  |  |  | A |
| [H.741.2 (H.IPTV-AM.0-2)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2587) | IPTV application event handling: Data structures of audience measurement for IPTV services | 2012-06-01 | 2012-06-28 | A |  |  |  |  |  | A |
| [H.741.3 (H.IPTV-AM.1, H.IPTV-AM.0-3)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2588) | IPTV application event handling: Audience measurement for IPTV distributed content services | 2012-06-01 | 2012-06-28 | A |  |  |  |  |  | A |
| [H.741.4 (H.IPTV-AM.0-4)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2589) | IPTV application event handling: Transport mechanisms for audience measurement | 2012-06-01 | 2012-06-28 | A |  |  |  |  |  | A |
| [H.764 (H.IPTV-MAFR.6)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2590) | IPTV service enhanced script language | 2012-06-01 | 2012-06-28 | A |  |  |  |  |  | A |
| [H.780 (H.FDSS)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2585) | Digital signage: Service requirements and IPTV-based architecture | 2012-06-01 | 2012-06-28 | A |  |  |  |  |  | A |
| [T.86 (1998) Amd.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2605) | Information technology - Registration of JPEG profiles, SPIFF profiles, SPIFF tags, SPIFF colour spaces, APPn markers, SPIFF compression types, and Registration Authorities (REGAUT): Application specific marker list | 2012-06-01 | 2012-06-28 | A |  |  |  |  |  | A |
| [T.801 (2002) Amd.4](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2596) | Information technology - JPEG 2000 image coding system: Extensions: Block coder extension | 2012-06-01 | 2012-06-28 | A |  |  |  |  |  | A |
| [T.813 (T.JPEG2000-XML)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2597) | Information technology - JPEG 2000 image coding system - XML representation and reference (JPXML) | 2012-06-01 | 2012-06-28 | A |  |  |  |  |  | A |
| [T.872 (T.JPEGprint)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=2598) | Information technology - Digital compression and coding of continuous-tone still images: Application to printing systems | 2012-06-01 | 2012-06-28 | A |  |  |  |  |  | A |

Annex 2

(to TSB AAP-85)

Using the on-line comment submission form

Comment submission

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



2) Select your Recommendation



3) Click the "Submit Comment" button



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



For more information, read the AAP tutorial on:   
<http://www.itu.int/ITU-T/aapinfo/files/AAPTutorial.pdf>

Annex 3

(to TSB AAP-85)

Recommendations under LC/AR – Comment submission form

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

|  |  |
| --- | --- |
| ITU-T AAP comment submission form for the period 2009-2012 | |
| **Study Group:** |  |
| **Announcement number:** |  |
| **Recommendation number:** |  |
| **Recommendation under:** | Last call (LC)   Additional Review (AR) |
| **Country:** |  |
| **Administration/Company:** |  |
| **Name of AAP Contact Person:** |  |
| **Email of AAP Contact Person:** |  |
| **Sender name: (if different from AAP Contact Person)** |  |
| **Sender email address:** |  |
| **Telephone:** |  |
| **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.*