UNIÓN INTERNACIONAL DE TELECOMUNICACIONES

Oficina de Normalización de las Telecomunicaciones

Ginebra, 01 de septiembre de 2020

Ref: **TSB AAP-88**
AAP/CL

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– A las Administraciones de los Estados Miembros de la Unión;
– A los Miembros del Sector UIT-T;
– A los Asociados del UIT-T;
– A las Instituciones Académicas de la UIT

Copia:
– A los Presidentes y a los Vicepresidentes de las Comisiones de Estudio del UIT-T;
– Al Director de la Oficina de Desarrollo de las Telecomunicaciones;
– Al Director de la Oficina de Radiocomunicaciones

Asunto: **Situación de las Recomendaciones sometidas al proceso de aprobación alternativo (AAP)**

Muy señora mía/Muy señor mío:

El proceso de aprobación alternativo (AAP) definido en la Recomendación A.8 del UIT-T se aplica a las Recomendaciones que no tienen consecuencias en materia de política o reglamentación y que no requieren, por lo tanto, la consulta formal de los Estados Miembros (véase el número 246B del Convenio de la UIT).

En el **anexo 1** se enumera la lista de los textos cuyo estado ha cambiado con respecto a los anuncios TSB AAP precedentes.

Si desea formular un comentario en relación con una Recomendación sometida al AAP, le alentamos a utilizar el formulario de presentación de comentarios disponible en la página de la Recomendación que figura en el área AAP del sitio web del UIT-T, en la dirección https://www.itu.int/ITU-T/aap/ (véase también el **anexo 2**). Alternativamente, pueden presentarse comentarios completando el formulario del **anexo 3** y remitiéndolo a la secretaría de la Comisión de Estudio correspondiente.

Le rogamos tenga en cuenta que no se alientan comentarios que se limiten a apoyar la adopción del texto en cuestión.

Le saluda atentamente,

Chaesub Lee
Director de la Oficina de
Normalización de las Telecomunicaciones

Anexos: 3

Annex 1

(to TSB AAP-88)

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/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
SG 3	https://www.itu.int/ITU-T/studygroups/com03	tsbsg3@itu.int
SG 5	https://www.itu.int/ITU-T/studygroups/com05	tsbsg5@itu.int
SG 9	https://www.itu.int/ITU-T/studygroups/com09	tsbsg9@itu.int
SG 11	https://www.itu.int/ITU-T/studygroups/com11	tsbsg11@itu.int
SG 12	https://www.itu.int/ITU-T/studygroups/com12	tsbsg12@itu.int
SG 13	https://www.itu.int/ITU-T/studygroups/com13	tsbsg13@itu.int
SG 15	https://www.itu.int/ITU-T/studygroups/com15	tsbsg15@itu.int
SG 16	https://www.itu.int/ITU-T/studygroups/com16	tsbsg16@itu.int
SG 17	https://www.itu.int/ITU-T/studygroups/com17	tsbsg17@itu.int
SG 20	https://www.itu.int/ITU-T/studygroups/com20	tsbsg20@itu.int

Situation concerning Study Group 5 Recommendations under AAP

Rec #	Title	Last Call (LC) Period				Additional Review (AR) Period				Status
		LC Start	LC End	LC Result	LJ Result	AR Start	AR End	AR Result	AJ Result	
L.1023 (L.CE_2)	Assessment method for Circular Scoring (Summary)	2020-06-01	2020-06-28	LJ	AR	2020-09-01	2020-09-21			AR
L.1310 (Revision of ITU-T L.1310)	Energy efficiency metrics and measurement methods for telecommunication equipment (Summary)	2020-06-01	2020-06-28	LJ	AR	2020-09-01	2020-09-21			AR
L.1331 (Revision of ITU-T L.1331)	Assessment of mobile network energy efficiency (Summary)	2020-06-01	2020-06-28	LJ	AR	2020-09-01	2020-09-21			AR

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.3058 (Q.NGNe-O-SA)	Signalling architecture of orchestration in NGNe (Summary)	2020-09-01	2020-09-28							LC
Q.3059 (Q.SFD)	Signalling requirements for service function discovery (Summary)	2020-09-01	2020-09-28							LC
Q.3060 (Q.ETN-DS)	Signalling architecture of the fast deployment emergency telecommunication network to be used in a natural disaster (Summary)	2020-09-01	2020-09-28							LC
Q.3645 (Q.Pro-DES)	Protocol at interface between two distributed ENUM servers for IMS (Summary)	2020-09-01	2020-09-28							LC
Q.3720 (Q.BNG-PAC)	Procedures for vBNG acceleration with programmable acceleration card (Summary)	2020-09-01	2020-09-28							LC
Q.3915 (Q.BNGP)	Set of parameters of vBNG for monitoring (Summary)	2020-09-01	2020-09-28							LC
Q.3961 (Q.PWS)	Parameters for evaluating bottleneck of web-browsing service (Summary)	2020-09-01	2020-09-28							LC
Q.4062 (Q.FW_IoT/Test)	Framework for IoT Testing (Summary)	2020-09-01	2020-09-28							LC
Q.4063 (Q.39_FW_Test_ID_IoT)	The framework of testing of identification systems used in IoT (Summary)	2020-09-01	2020-09-28							LC
Q.4064 (Q.vbng-iop-reqts)	Interoperability testing requirements of virtual Broadband Network Gateway (Summary)	2020-09-01	2020-09-28							LC

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.4066 (Q.TP_AR)	Testing procedures of Augmented Reality applications (Summary)	2020-09-01	2020-09-28							LC
Q.4100 (Q.HP2P-Arch)	Hybrid peer-to-peer (P2P) communications: Functional architecture (Summary)	2020-09-01	2020-09-28							LC
Q.5052 (Q.DEV_DUI)	Addressing mobile devices with duplicate unique identifier (Summary)	2020-09-01	2020-09-28							LC
X.609.10 (X.mp2p-srds)	Managed P2P communications: Signalling requirements for data streaming (Summary)	2020-09-01	2020-09-28							LC
X.609.9 (X.mp2p-ocmp)	Managed P2P communications: Overlay content management protocol (Summary)	2020-09-01	2020-09-28							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.2245 (Y.saic)	Service model of the Agriculture Information based Convergence Service (Summary)	2020-09-01	2020-09-28							LC
Y.3055 (Y.trust-pdm)	Framework for Trust based Personal Data Management (Summary)	2020-09-01	2020-09-28							LC
Y.3075 (Y.ICN-RF)	Requirements and capabilities of Information Centric Networking routing and forwarding based on control and user plane separation in IMT-2020 (Summary)	2020-09-01	2020-09-28							LC
Y.3076 (Y.ICN- Edge)	Architecture of ICN-enabled Edge Network in IMT-2020 (Summary)	2020-09-01	2020-09-28							LC
Y.3109 (Y.qos-ec-vr-req)	QoS requirements and framework for virtual reality delivery using mobile edge computing supported by IMT-2020 (Summary)	2020-09-01	2020-09-28							LC
Y.3134 (Y.FMC-ReqMO)	IMT-2020 fixed mobile convergence functional requirements for management and orchestration (Summary)	2020-09-01	2020-09-28							LC
Y.3136 (Y.FMC-SM)	Session management for fixed mobile convergence in IMT-2020 networks (Summary)	2020-09-01	2020-09-28							LC
Y.3150 Rev.	High-level technical characteristics of network softwarization for IMT-2020 (Summary)	2020-09-01	2020-09-28							LC
Y.3155 (Y.IMT2020-ESDP)	Enhanced SDN Data Plane for IMT-2020 (Summary)	2020-09-01	2020-09-28							LC

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.3156 (Y.IMT2020-NSAA-reqts)	Framework of network slicing with AI-assisted analysis in IMT-2020 networks (Summary)	2020-09-01	2020-09-28							LC
Y.3176 (Y.ML-IMT2020-MP)	Machine learning marketplace integration in future networks including IMT-2020 (Summary)	2020-09-01	2020-09-28							LC
Y.3525 (Y.cccsdaom-reqts)	Cloud computing - Requirements for cloud service development and operation management (Summary)	2020-09-01	2020-09-28							LC
Y.3530 (Y.BaaS-reqts)	Cloud computing - Functional requirements for blockchain as a service (Summary)	2020-09-01	2020-09-28							LC
Y.3531 (Y.MLaaS-reqts)	Cloud computing - Functional requirements for machine learning as a service (Summary)	2020-09-01	2020-09-28							LC
Y.3605 (Y.BD-arch)	Big data - Reference architecture (Summary)	2020-09-01	2020-09-28							LC
Y.3802 (Y.QKDN_Arch)	Quantum key distribution networks - Functional architecture (Summary)	2020-09-01	2020-09-28							LC
Y.3803 (Y.QKDN_KM)	Quantum key distribution networks – Key management (Summary)	2020-09-01	2020-09-28							LC
Y.3804 (Y.QKDN-CM)	Quantum Key Distribution Networks - Control and Management (Summary)	2020-09-01	2020-09-28							LC

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	
H.266 (H.VVC, ex H.FVC)	Versatile video coding (Summary)	2020-08-01	2020-08-28	A						A
H.274 (H.SEI)	Versatile supplemental enhancement information messages for coded video bitstreams (Summary)	2020-08-01	2020-08-28	A						A
T.701.11 (H.ACC.AltText)	Guidance on audio descriptions (twin text of ISO/IEC TS 20071-11:2019, Information technology - Guidance on alternative text for images - Part 11) (Summary)	2020-09-01	2020-09-28							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.510 (X.509prot)	Information technology - Open Systems Interconnection - The Directory: Protocol specifications for secure operations (Summary)	2020-06-16	2020-07-13	LJ	AR	2020-08-01	2020-08-21	AC		AC

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.4210 (Y.IoT-UM-reqts)	Requirements and use cases for universal communication module of mobile IoT devices (Summary)	2020-08-01	2020-08-28	A						A
Y.4469 (Y.SCCE-arch)	Reference architecture of spare computational capability exposure of IoT devices for smart home (Summary)	2020-08-01	2020-08-28	A						A
Y.4470 (Y.SSC-AISE-arc)	Reference architecture of artificial intelligence service exposure for smart sustainable cities (Summary)	2020-08-01	2020-08-28	A						A
Y.4472 (Y.API4IOT)	Open data application programming interface (APIs) for IoT data in smart cities and communities (Summary)	2020-08-01	2020-08-28	LJ						LJ
Y.4473 (Y.DPM-ST-API)	SensorThings API - Sensing (Summary)	2020-08-01	2020-08-28	A						A
Y.4474 (Y.IoT-VLC-Arch)	Functional architecture for IoT services based on Visible Light Communications (Summary)	2020-08-01	2020-08-28	A						A
Y.4475 (Y.IoT-LISF)	Lightweight intelligent software framework for IoT devices (Summary)	2020-08-01	2020-08-28	A						A
Y.4558 (Y.smoke-detection)	Requirements and functional architecture of smart fire smoke detection service (Summary)	2020-08-01	2020-08-28	A						A
Y.4560 (Y.DPM-BC-ES)	Blockchain-based data exchange and sharing for supporting Internet of things and smart cities and communities (Summary)	2020-08-01	2020-08-28	A						A

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.4561 (Y.DPM-BC-DM)	Blockchain-based Data Management for supporting Internet of things and smart cities and communities (Summary)	2020-08-01	2020-08-28	A						A
Y.4808 (Y.IoT-DA-Counterfeit)	Digital entity architecture framework to combat counterfeiting in IoT (Summary)	2020-08-01	2020-08-28	A						A
Y.4907 (Y.SSC-BKDMS-arc)	Reference architecture of blockchain-based unified KPI data management for smart sustainable cities (Summary)	2020-08-01	2020-08-28	A						A

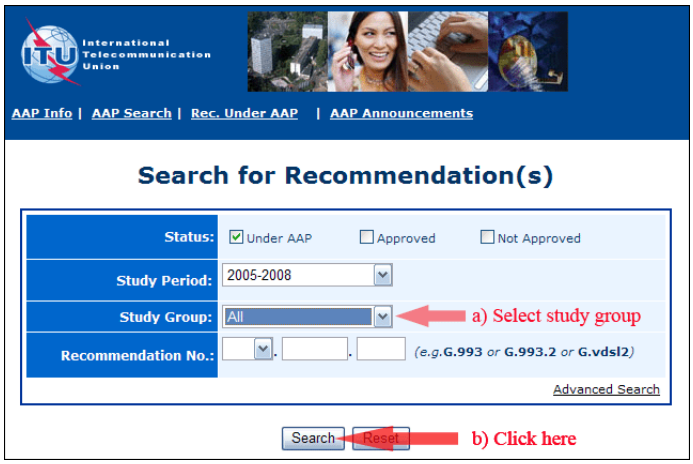
Annex 2

(to TSB AAP-88)

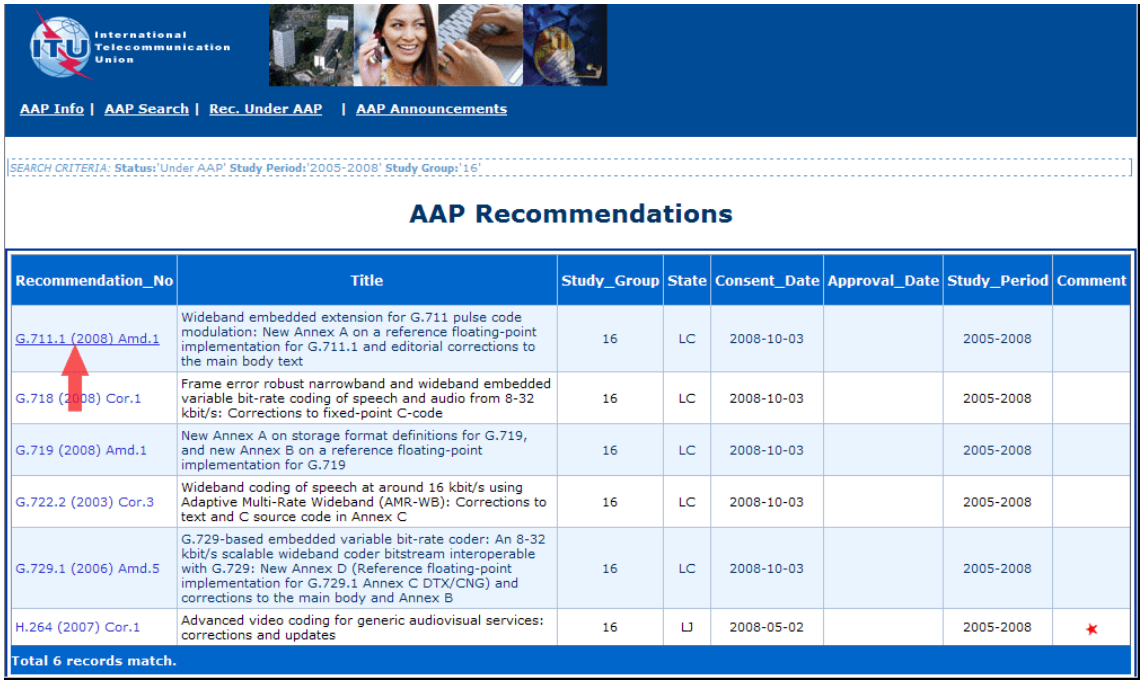
Using the on-line comment submission form

Comment submission

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



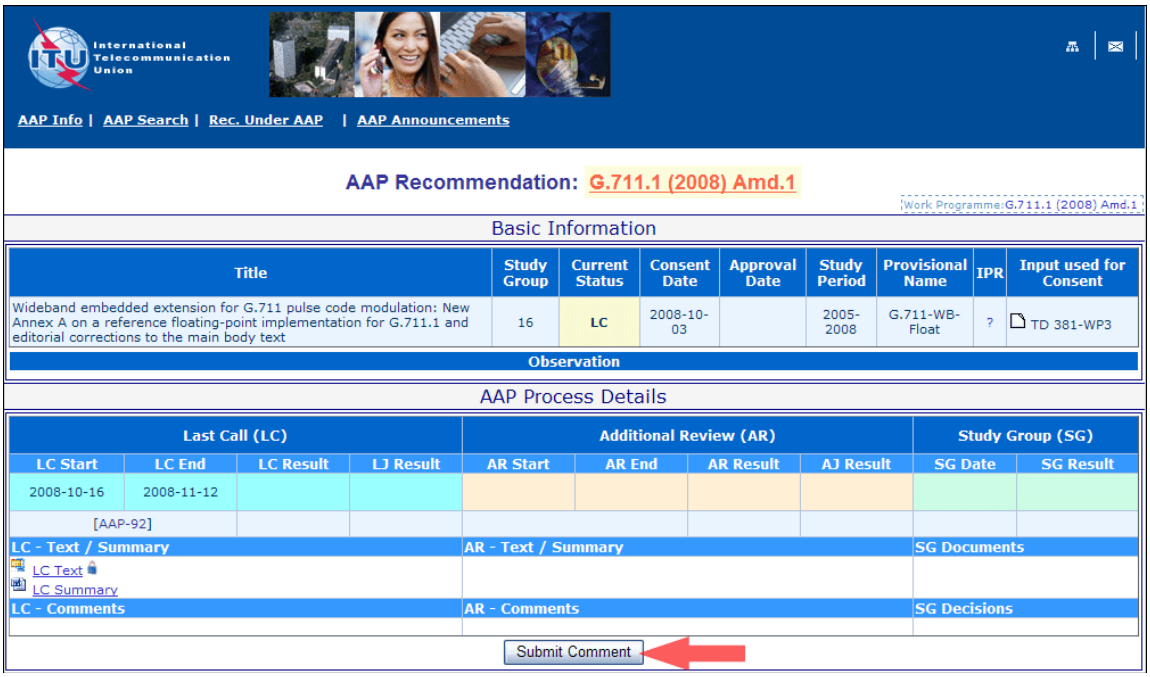
2) Select your Recommendation



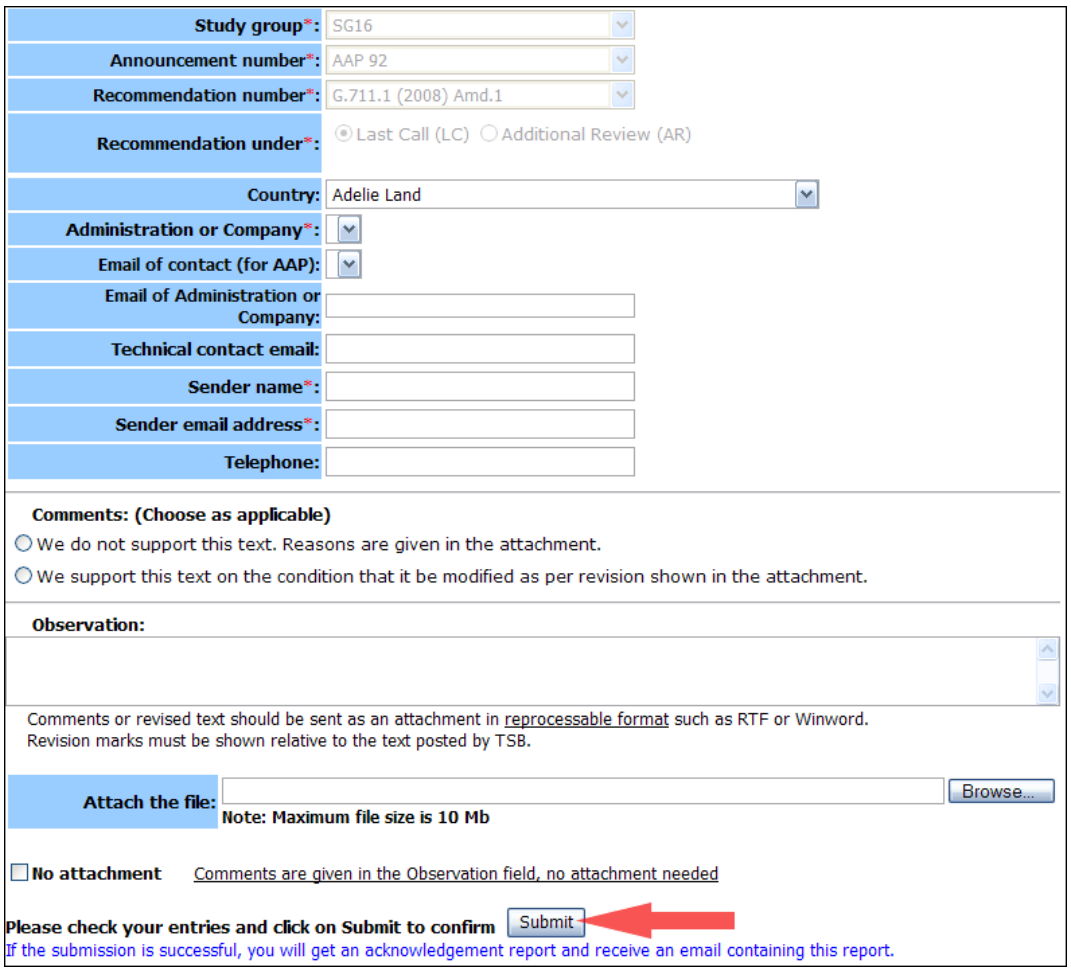
Recommendation_No	Title	Study_Group	State	Consent_Date	Approval_Date	Study_Period	Comment
G.711.1 (2008) Amd.1	Wideband embedded extension for G.711 pulse code modulation: New Annex A on a reference floating-point implementation for G.711.1 and editorial corrections to the main body text	16	LC	2008-10-03		2005-2008	
G.718 (2008) Cor.1	Frame error robust narrowband and wideband embedded variable bit-rate coding of speech and audio from 8-32 kbit/s: Corrections to fixed-point C-code	16	LC	2008-10-03		2005-2008	
G.719 (2008) Amd.1	New Annex A on storage format definitions for G.719, and new Annex B on a reference floating-point implementation for G.719	16	LC	2008-10-03		2005-2008	
G.722.2 (2003) Cor.3	Wideband coding of speech at around 16 kbit/s using Adaptive Multi-Rate Wideband (AMR-WB): Corrections to text and C source code in Annex C	16	LC	2008-10-03		2005-2008	
G.729.1 (2006) Amd.5	G.729-based embedded variable bit-rate coder: An 8-32 kbit/s scalable wideband coder bitstream interoperable with G.729: New Annex D (Reference floating-point implementation for G.729.1 Annex C DTX/CNG) and corrections to the main body and Annex B	16	LC	2008-10-03		2005-2008	
H.264 (2007) Cor.1	Advanced video coding for generic audiovisual services: corrections and updates	16	LJ	2008-05-02		2005-2008	*

Total 6 records match.

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-88)

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
[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.