

Tashkent, Uzbekistan, 6-10 October 2014

Source: IPTV-GSI Technical Standards Review (TSR) Coordinator**Title:** Report of IPTV- Technical Standards Review (TSR) during the IPTV-GSI event (Tashkent, 6-10 October 2014)

Summary

The 20th ITU-T IPTV-GSI event took place in Tashkent, Uzbekistan, 6-10 October 2014, at the kind invitation of the State Committee for Communication, Informatization and Telecommunication Technologies (SCCITT) of the Republic of Uzbekistan. The plenary meetings for Technical Standards Review (TSR) process for this event were held on 6 and 10 October 2014, and counted with 26 participants. During the opening TSR session, Mr Khusan Isaev, the Deputy Director of the Electronic Government System Development Center, the Republic of Uzbekistan, welcomed the delegates. Mr Hideki Yamamoto (OKI, Japan) conveyed the message from APT (Asia Pacific Telecommunity) ASTAP on IPTV Conformance Testing event in Bangkok, Thailand.

This IPTV-GSI event was attended by Questions 13/16 (IPTV multimedia), 14/16 (digital signage), 26/16 (accessibility) and 28/16 (e-health applications) of ITU-T Study Group 16. During the event, the Questions exchanged information, via liaison, between APT, ITU-R, ITU-T SG9, SG11, SG12, SG13, SG17, FG-M2M, IOT-GSI, JCA-AHF.

During the closing TSR session at this IPTV-GSI event, Mr Yushi Naito, chairman of SG16, made a closing remark, emphasizing the continued cooperation between ITU-T and the Republic of Uzbekistan.

Lastly but not least, the IPTV-GSI and TSR co-ordinator would like to express their most sincere gratitude to the host, SCCITT, and in particular to Mr Khusan Isaev and to Ms Umida Musaeva of SCCITT, both of whom had helped us with their superb management and hospitality, and played an essential role in bringing and completing such a successful IPTV-GSI event in Tashkent. We also would like to thank Uztelecom for providing the equipment, facilities and network for the meetings and show-casing event.

1 Introduction

In accordance with TSB Circular 105 (<http://itu.int/md/T13-TSB-CIR-0105/en>), the 20th ITU-T IPTV-GSI event took place in Tashkent, Uzbekistan, 6-10 October 2014, at the kind invitation of the Committee for Communication, Informatization and Telecommunication technologies of the Republic of Uzbekistan.

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2 Objective

The objective of the TSR process is to ensure technical coherence within the ongoing studies of ITU-T to provide strategic and technical co-ordination of the IPTV work and its related areas across the Questions, Working Parties and Study Groups of the ITU-T that form the IPTV-Global Standardization Initiative (GSI). The TSR is expected to reinforce the role of the IPTV-Joint Coordination Activity (JCA) <http://itu.int/en/ITU-T/jca/iptv/Pages/default.aspx>, by ensuring the visibility and technical coherence of the studies, during IPTV-GSI events. More information on the role of IPTV-GSI can be found at: <http://itu.int/ITU-T/iptv>.

The IPTV-TSR events at Tashkent, Republic of Uzbekistan, 6-10 Oct. 2014 co-ordinated the on-going studies, especially on IPTV multimedia framework, digital signage, e-health applications, and accessibility to multimedia.

3 Summaries of the Discussions

The documents relevant to this meeting can be primarily found at: <http://itu.int/md/T13-IPTV.GSI-141006-C> and <http://itu.int/md/T13-IPTV.GSI-141006-TD>.

The Liaison Statements were found in the Study Group 16 TD Gen series for the Feb 2015 meeting (<http://itu.int/md/T13-SG16-150209-TD/Gen>), the parent group of IPTV Joint Coordination Activity. The informal FTP for exchanging documents for this meeting is at <http://ifa.itu.int/t/2013/iptv-gsi/exchange/1410-TAS/>.

3.1 Q13/16 (IPTV)

Question 13/16 experts met in the context of IPTV-GSI event. Q13/16 progressed the work on six draft Recommendations: ITU-T H.721 (Rev.); ITU-T H.IPTV-MAFR.10; ITU-T H.IPTV-UVS; ITU-T H.IPTV-ACC; ITU-T H.IPTV-EUIF; ITU-T H.IPTV-Widget; and the text of one draft Technical Paper: ITU-T HSTP.IPTV-CONF.H721. The Question prepared six outgoing Liaison Statements. The group plans to hold a rapporteur meeting in the next SG16 meeting in February 2015 and 2 interim e-meetings. The objectives are to progress on the active work items as well as prepare H.721 (Rev), H.IPTV-Widget, H.IPTV-MAFR.14, H.IPTV-UVS, H.741.4 Amd.1 for consent and H.741.3 Amd.1 and HSTP.IPTV-CONF.H721 for approval at the next SG16/WP2 meeting.

3.1.1.1 Future Meetings

Q13/16 plans to hold two electronic meetings, before the next SG16 meeting:

- November, 26th, 2014 at 2PM CET: to discuss H.721 (Rev.) and H.IPTV-Widget
- December, 17th, 2014 at 2PM CET: to discuss other documents planned to be sent for consent

3.2 Q14/16

ITU-T Q14/16 (Digital signage systems and services) had a meeting, under the chairmanship of Mr Kazunori Tanikawa (NEC, Japan) during the IPTV-GSI event at Tashkent, Uzbekistan, 6-10 October 2014, at the kind invitation of the Committee for Communication, Informatization and Telecommunication technologies of the Republic of Uzbekistan. Q14/16 reviewed 13 contributions as well as six liaison statements and produced five output documents, including two liaison statements.

3.2.1.1 Future Meetings

Q14/16 is planning to hold two interim e-meetings to improve descriptions of H.DS-ARCH:

- 1st e-meeting: 5-7 November 2014 (deadline of contribution: October 31, 2014);
- 2nd e-meeting: 17-19 December 2014 (deadline of contribution: December 12, 2014).

3.3 Q26/16 (accessibility)

Q26/16 was addressed in nine sessions, including one joint session with Q13/16, Q14/16, Q28/16. It received four contributions. It has received communications from Mr Kastunori Fujii, the representative of NPO Japan Council on Disability (JD), who is one of "the 10 Champions" awarded by UN-ESCAP and Mr Yasuo Arashidani, the chairman of National Federation of Organization for the Disabled Persons in Japan.

After discussion, Q26/16 adopted a new work item, draft new Recommendation H.IPTV-ACCProf "Accessibility Profiles for IPTV End Systems" (editor: Hideki Yamamoto (OKI, Japan)), and revised 4 existing documents. It issued one outgoing liaison statement.

During the joint meeting, the Questions agreed that both H.IPTV-ACC and the new work item H.IPTV-AccProf should be under responsibility of Q26/16, and anyway, these documents will be often discussed in joint sessions between Q13/16 and Q26/16.

3.3.1.1 Future Meetings

Q26/16 experts are planning electronic meetings before the next SG16 meeting, Geneva, 9-20 Feb. 2015. TOR for the meetings are to progress work on H.IPTV-ACCProf and H.IPTV-ACC. These meetings may be jointly held with Q13/16.

- Date: 10 November 2014. Time: 14:00-15:00, Geneva time
- Date: 24 November 2014. Time: 14:00-15:00, Geneva time

3.4 Q28/16 (e-health)

Q28/16 was addressed in 5 sessions, including one joint session with Q13/16, Q14/16, Q28/16. It received one contribution (shared with Q26/16). It has received two liaison statements. The most notable of these is the LS from SG11, which contained the deliverables from FG-M2M. After discussion, Q28/16 agreed to incorporate the contents of these deliverables to its existing work items, F.EHMMF (Multimedia framework for e-health applications) and HSTP.EHMSI (Multimedia service and interfaces for e-health), and updated these two documents. Q28/16 issued two liaison statements from this meeting.

The Rapporteur of Q28/16 would like to express his sincere gratitude to the host, the State Committee for Communication, Informatization and Telecommunication Technologies (SCCITT) of the Republic of Uzbekistan, and especially to Mr Khusan Isaev, Deputy Director of Electronic Government System Development Center, and to Ms Umida Musaeva of SCCITT, who played an essential role in bringing the IPTV-GSI event and Q28/16 (e-health) to Tashkent and has organized the meeting so perfectly.

3.4.1.1 Future Meetings

Q28/16 is not planning any meetings before the next SG16 meeting.

4 Future Meeting of IPTV-GSI

IPTV-GSI event will be held co-located with the first week of the SG16 meeting in Geneva, 9-20 February 2015.

NOTE-Other meetings after this SG16 meeting need to be planned. Sponsors are welcome.

5 Showcasing and presentations

5.1 IPTV and e-health Showcasing

A showcasing event was held on Monday 6 Oct. 2014, where OKI Electronics demonstrated ITU-T compliant IPTV and e-health solutions.

6 AOB

Dinner reception was held on Monday 6 October, at the kind invitation of SCCITT. We would like to express our sincere thanks to the hospitality of the host.

Annex A
Participants List

#	Title	Family Name	Given Name	Organization	Country
1	Mr	Akihiro	Nakatani	ASTEM	Japan
2	Mr	Berdiqlichev	Mardon	Uzbektelecom	Uzbekistan
3	Mr	Campos	Simao	ITU, TSB	Switzerland
4	Ms	Choi	Miran	ETRI	Rep.of Korea
5	Mr	Djalalov	Muzaffar	SCCITT	Uzbekistan
6	Mr	El-Megharbel	Mohannad	National Telecommunication Regulatory Authority	Egypt
7	Mr	Yamamoto	Hideki	OKI Electric Industry	Japan
8	Ms	Huh	Mi Young	ETRI	Rep.of Korea
9	Mr	Hyun	Wook	ETRI	Rep.of Korea
10	Ms	Ikeda	Kaori	ASTEM	Japan
11	Mr	Isaev	Khusan	E-Government Center, SCCITT	Uzbekistan
12	Mr	Karimov	Davron	Uzbektelecom	Uzbekistan
13	Mr	Kawamori	Masahito	Keio University	Japan
14	Mr	Khodjimuradov	Murod	SRRT	Uzbekistan
15	Ms	Kim	Hwa-Suk	ETRI	Rep.of Korea
16	Mr	Kim	Sunghan	ETRI	Rep.of Korea
17	Mr	Kotsuba	Maksim	Inform Service TV	Uzbekistan
18	Mr	Matsubara	Fernando	Mitsubishi Electric	Japan
19	Mr	Maxmudov	Hojiakbar	Uzbektelecom	Uzbekistan
20	Mr	Minarov	Alisher	Uzbektelecom	Uzbekistan
21	Mr	Moreno	Marcelo	Brazil	Brazil
22	Mr	Naito	Yushi	Mitsubishi Electric	Japan
23	Mr	Shorahmedov	D.	Uzbektelecom	Uzbekistan
24	Mr	Tanikawa	Kazunori	NEC	Japan
25	Mr	Umarov	Utkir	NetCity	Uzbekistan
26	Mr	Yusupov	Srerezod	Uzbektelecom	Uzbekistan