Executive summary of ITU-T SG9 meeting (Geneva, 3-11 December 2013)

A Study Group 9 meeting was held in Geneva during 3-11 December 2013 and was attended by 43 delegates from 14 countries. Along with face-to-face meetings all sessions were supported by remote participation.

1 Consented Recommendations (ITU-T A.8)

The following table shows 'Consented' draft Recommendations.

#	Question	Recommendation	Status	Title	Final TD GEN	A.5 justification
1	1/9	**ITU-T J.382** (J.atrans-spec)	New	Advanced digital downstream transmission systems for television, sound and data services for cable distribution	TD 370 (GEN/9)	TD 371
2	1/9	**ITU-T J.604** (J.svc)	New	Requirements for Scalable Video Transmission System over Cable Network	TD 369 (GEN/9)	N/A
3	6/9	**ITU-T J. 181** (J.181-rev)	Revised	Digital program insertion cueing message for cable television systems	TD 350 (GEN/9)	TD 351
4	12/9	**ITU-T P.913** (J.av-dist;)	New	Methods for subjectively assessing audiovisual quality of internet video and distribution quality television, including separate assessment of video quality and audio quality	TD 342 rev.3 (GEN/9)	N/A
5	10/9	**ITU-T J.287 (**J.ascs-api;)	New	Automation System to Compression System Communications Applications Program Interface (API)	TD 388 Rev.1 (GEN/9)	TD 387

ITU-T J.369.1, which was consented in 2012, is still pending and Q8/9 will try to fix the broken references in the document.

2 Supplements and Handbooks

2.1 Supplement

No Supplements were proposed for approval at this meeting.

2.2 Handbook

No Handbooks were proposed for approval at this meeting.

2.3 Corrigenda

No corrigenda were proposed for approval at this meeting.

3. Questions

No Questions were approved/revised at the meeting.

4. Rapporteurs and Associate Rapporteurs

SG9 has slightly revised the list of Rapporteurs and Associate Rapporteurs:

– **Q2/9:** Margaret Pinson (NTIA, USA) is a new Associate Rapporteur

– **Q9/9:** Jiansheng Zhang (China Cable Network corporation) is a new Rapporteur

– **Q10/9:** Thomas Russell (SCTE) is a new Associate Rapporteur

– **Q8/9:** Lakshmi Raman (USA) is no longer an Associate Rapporteur

The final list of Rapporteurs and Associate Rapporteurs, is to be found in TD 170 Rev.2 (GEN/9).

5. Liaison officers

SG9 has slightly revised the list of liaison officers:

– Margaret Pinson (NTIA, USA) is SG9 representative to ITU-T SG12 and JCA-AHF and co-chairman of IRG-AVA and alternate co-chairman IRG-AVQA

– Dong Wang (ZTE Corporation, China) is SG9 representative to ITU-T JCA-Cloud

– Arthur Webster (NTIA, USA) is SG9 representative to ITU-T JCA-IoT

– Jiansheng Zhang (China Cable Network Corporation, China) is SG9 representative to ITU-T SG15 on home networking

– Thomas Russell (SCTE, USA) is SG9 representative to Standardization Committee for Vocabulary and SG9 Public Relation

– Han-Seung Koo (ETRI, Kr) is SG9 representative to ITU-T SG17 in relation to Security

– Quan Huynh-Thu (Canon, Au) is SG9 co-chairman of IRG-AVQA

– Jingfei Cui (SARFT, China) is SG9 representative to JCA-Res178

The final list of liaison officers is to be found in TD 169 Rev.4 (GEN/9).

6. Focus Group on Smart Cable Television (FG SmartCable)

The FG SmartCable completed their work after having held eight physical and two virtual meetings.

The following represents a list of Output documents which was agreed to be developed.

– Out.1a – High level service requirements related to Smart Cable TV

– Out.1b – Collection of use cases of services provided under the context of Smart Cable TV

– Out.1c – A living list of relevant SDOs, forums, consortia, academic institutions, research institutes and other companies that could contribute to the work of the FG SmartCable

– Out.2 – Advanced transport technology, including IoT/M2M, for Smart Cable TV

– Out.3 – Content and application delivery including security for Smart Cable TV

– Out.4 – User interface and accessibility for Smart Cable TV

– Out.5 – Multi-screen and mobile devices for Smart Cable TV

– Out.6 – Terminology for Smart Cable TV

These output documents were eventually edited and assembled as one FG deliverable (Technical Report) which was submitted to the parent Study Group (SG9) and posted as TD 288 Rev 3.

7. Intersector Rapporteur Groups (IRG-AVQA; IRG-AVA; IRG-IBB)

The IRG-AVQA, as proposed in the previous meeting was formally established at the opening plenary meeting of SG9 (3 December 2013) after receiving acceptance of such establishment from ITU-T SG12 and ITU-R SG6. The first meeting is currently planned to be held 21-22 January 2014 in Boulder (USA). This is the first IRG to be established under the newly revised WTSA-12 Resolution 18 (Dubai, 2012). The terms of reference of the group are to be found in TD 115 Rev.2 (GEN/9).

A second IRG on audiovisual accessibility (IRG-AVA) was also established on 11 December 2013 at the closing Plenary of SG9 after accepting the invitation of SG16 and ITU-R SG6 to join with them on this topic. The first meeting is planned in February 2014 in collocation with the IPTV-GSI event. The terms of reference of the group are to be found in TD 291 (GEN/9).

A third IRG on integrated broadcast-broadband systems (IRG-IBB) was also proposed by SG9, to establish a framework for collaboration on this topic with ITU-R SG6. The proposed terms of reference of the group are to be found in TD 359 (GEN/9).

8. WTSA-12 Resolution 80 (Dubai, 2012)

SG9 has also progressed the discussion to propose a way forward to TSAG on WTSA-12 Resolution 80 (Dubai, 2012) “Acknowledging active involvement of the Membership in the development of ITU-T deliverables”. An initial output on this topic is available as TD 391 (GEN/9). A report on this activity will be submitted to TSAG’s June, 2014 meeting.

9. Outgoing Liaison Statements

The following table shows the list of the 27 agreed outgoing liaison statements.

#	Reference	Questions	WP	To	For	Title
1	TD 367 Rev.1 (GEN/9)	Q1/9	WP 1	ETSI , DVB, SCTE, etc.	Information	AAP Consent of draft new Recommendation J.atrans-spec
2	TD 366 Rev.1 (GEN/9)	Q1/9	WP 1	ITU-R WP6C, MPEG, etc.	Information	AAP Consent of draft new Recommendation J.svc
3	TD 356 Rev.1 (GEN/9)	Q3/9	WP 1	ITU-T SG17, DVB CM-SEG	Comment	LS on progress of draft new Recommendation J.drm-req "Architecture and requirements of DRM for cable multiscreen (J.drm-req)"
4	TD 357 Rev.1 (GEN/9)	Q3/9	WP 1	DVB CM-SEG	Action	Reply LS to DVB CM-SEG concerning Harmonised Security Framework specification
5	TD 358 (GEN/9)	Q3/9	WP 1	ITU-T SG17	Information	Reply LS to SG17 (request to provide security contacts)
6	TD 361 Rev.1 (GEN/9)	Q4/9	WP 2	ITU-R WP6B	Action	Development of Recommendation on Integrated Broadcast-Broadband system and establishment of IRG-IBB
7	TD 360 (GEN/9)	Q4/9	WP 2	Q13/16	Information	Recent progress on Draft New Recommendation "Specification for Integrated Broadcast and Broadband DTV application control framework" (J. acf-spec) for progressing
8	TD 352 (GEN/9)	Q6/9	WP 1	Q6/16, ISO/IEC MPEG	Information	LS on revision of digital program insertion-related Recommendation
9	TD 365 (GEN/9)	Q7/9	WP 2	SCTE, ITU-R WP6C	Information	reply LS to ITU-R WP6C and SCTE regarding J.Cable3DTV-req
10	TD 368 Rev.1 (GEN/9)	Q1/9 and 7/9	WP 1	ITU-R WP5A, WP5B, WP5C, WP6A	Information	Reply Liaison on coexistence of wired telecommunications with radiocommunication systems – Considerations with respect to work on Recommendation ITU-T J.195.1 (J.HINOC-REQ)
11	TD 390 Rev.1 (GEN/9)	Q10/9	WP 2	ITU-R Working Party 6C	Information	Reply LS to ITU-R WP 6C regarding J.arstv-req "Requirements of augmented reality smart television system"

12	TD 393 (GEN/9)	Q12/9	WP 1	ITU-T SG12, ITU-T SG16, ITU-R WP6C, VQEG, 3D@home (Managing Director, Chair of Steering Team 5)	Information	LS on 3D video quality assessment activities in ITU-T SG9
13	TD 395 Rev.1 (GEN/9)	Q12/9	WP 1	VQEG	Comment	LS to VQEG on Video Quality Monitoring with Compressed Reference and Resized PVS
14	TD 392 (GEN/9)	Q12/9	WP1	ITU-T SG12, ITU-T SG16	Information	LS on P.av-dist
15	TD 394 Rev.1 (GEN/9)	Q12/9	WP1	ITU-R WP6C	Information	Reply LS on P.av-dist
16	TD 372 (GEN/9)	Q2/9, Q12/9, Q13/9	Plen	SG12, SG16, ITU-R WP6C, JCA-AHF	Infomation	Reply LS on Inter sector Rapporteur's Group (IRG) on the topic of audiovisual quality assessment (IRG-AVQA)
17	TD 375 (GEN/9)	Q2/9, Q12/9, Q13/9	Plen	SG16, ITU-R SG6	Information	Reply LS to SG16 on creation of an Intersector Rapporteur Group on Audiovisual Media Accessibility (IRG-AVA)
18	TD 383 Rev.1 (GEN/9)	Q2/9, Q12/9, Q13/9	Plen	ITU-T all SGs, TSAG, ITU-R SG6, WP6C	Information	Announcement: the intersector rapporteur group on audiovisual quality assessment (IRG-AVQA) has been established
19	TD 373 (GEN/9)	Q13/9	Plen	SG12 ITU-R SG6, WP6C	Information	Reply LS to SG12 and ITU-R SG6 on establishment of intersector rapporteur groups on audiovisual quality evaluation (IRG-AVQA)
20	TD 374 (GEN/9)	Q13/9	Plen	JCA-AHF	Information	Reply LS to JCA-AHF on nomination of JCA-AHF representatives
21	TD 376 (GEN/9)	Q13/9	Plen	SG5 ITU-R WPs 1A, 5A, 5B and 5C	Information	Reply LS to SG5 and ITU-R WPs 1A, 5A, 5B and 5C on coexistence of wired telecommunications with radiocommunication systems
22	TD 377 (GEN/9)	Q13/9	Plen	TSAG	Information	Reply LS to TSAG on status of translation in ITU-T

23	TD 378 (GEN/9)	Q13/9	Plen	JCA-IoT	Information	Reply LS to JCA-IoT on updates to the list of IoT-related Questions for comments
24	TD 379 (GEN/9)	Q13/9	Plen	SG15	Information	Reply LS to SG15 on new versions of the Access Network Transport (ANT) Standardization Overview and Work Plan
25	TD 380 (GEN/9)	Q13/9	Plen	JCA-Res178	Information	Reply LS to JCA-Res178 on requests your input
26	TD 381 (GEN/9)	Q13/9	Plen	JCA-CIT	Information	Reply LS to JCA-CIT on list of official liaison officers of ITU-T SGs in JCA-CIT
27	TD 382 (GEN/9)	Q13/9	Plen	SG11	Information	Reply LS to SG11 on living list of key technologies, reference table of ITU-T Recommendations suitable for C&I and relevant pilot projects

10. Work plan for interim Rapporteur meetings and Working parties meetings

No interim Working Parties meetings will be held before next SG9 meeting.

The following interim Rapporteurs' groups meetings were agreed by SG9 meeting (Geneva, 3-11 December 2013).

Question/WP	Date	Place / Host	Host contact	Terms of reference	Rapporteur/Acting
1/9	26-28 May 2014	Geneva	ITU/TSB	RF return channel discussion, etc.	sh-sakazawa[at]kddi.com
1/9	22-24 July 2014	Geneva (TBC)	ITU/TSB	RF return channel discussion, etc.	sh-sakazawa[at]kddi.com
Joint 1/9 and 7/9	26-28 May 2014	Geneva	ITU/TSB	Progress on J.HiNoC-phy, J.HiNoC-mac, J.Cable3DTV-req, etc.	tkkim[at]etri.re.kr sh-sakazawa[at]kddi.com
Joint 1/9 and 7/9	22-24 July 2014	Geneva (TBC)	ITU/TSB	Progress on J.HiNoC-phy, J.HiNoC-mac, J.Cable3DTV-req, etc.	tkkim[at]etri.re.kr sh-sakazawa[at]kddi.com
3/9	26-28 May 2014	Geneva	ITU/TSB	Progress on J.rcas-net and J.drm-req	koohs[at]etri.re.kr

Question/WP	Date	Place / Host	Host contact	Terms of reference	Rapporteur/Acting
3/9	22-24 July 2014	Geneva (TBC)	ITU/TSB	Progress on J.rcas-net and J.drm-req	koohs[at]etri.re.kr
8/9	26-28 May 2014	Geneva	ITU/TSB	Progress on J.multi-man Progress on J.iptvcontentclient Discussion on new topics (e.g. Cloud Computing,)	wang.dong[at]zte.com.cn
Joint 5/9 , 8/9 and 9/9	26-28 May 2014	Geneva	ITU/TSB	Progress on J.rg-spec (Q5) Progress on J.iptvappclient (Q8) Progress on J.lasdp-req (Q9)	Wang.dong[at]zte.com.cn matsumoto[at]jlabs.or.jp zhangjs[at]chinabtn.com
9/9	26-28 May 2014	Geneva	ITU/TSB	Discussion for new topics, such as IoT and Multi-screen	zhangjs[at]chinabtn.com
6/9	26-28 May, 2014	Geneva	ITU/TSB	J.181 Appendix II	trussell[at]scte.org sa-miyaji[at]kddi.com
4/9	03-2014 (TBD)	virtual meeting (TBD)	TBD	Progress on J.acf-spec, J.cab-mob-req, J.hadi and J.201rev	takechi.m-fa[at]nhk.orjp
4/9	06-2014 (TBD)	virtual meeting (TBD)	TBD	Progress on J.acf-spec, J.cab-mob-req, J.hadi and J.201rev	takechi.m-fa[at]nhk.orjp
7/9	26-28 May 2014	Geneva	ITU/TSB	Progress on J.Cable3DTV-req J.HiNoC-mac, J.vodoc-trans, J.vodoc-int	tkkim[at]etri.re.kr
7/9	22-24 July 2014	Geneva (TBC)	ITU/TSB	Progress on J.Cable3DTV-req J.HiNoC-mac, J.vodoc-trans, J.vodoc-int	tkkim[at]etri.re.kr
10/9	26-28 May, 2014	Geneva	ITU/TSB	Progress on J.arstv-req	tk-takahashi[at]kddi.com

Question/WP	Date	Place / Host	Host contact	Terms of reference	Rapporteur/Acting
10/9	22-24 July 2014	Geneva (TBC)	ITU/TSB	Progress on J.arstv-req	tk-takahashi[at]kddi.com
IRG-AVQA	21-24 January 2014	Bolder CO USA	Margaret Pinson <margaret[at]its.bldrdoc.gov>	Progress on J.bitvqm, P.3D-sam, P.3D-fatigue, etc	Chulhee[at]yonsei.ac.kr margaret[at]its.bldrdoc.gov
IRG-AVQA	TBC	TBC	TBD	TBD	TBD
Joint Q2, 12	23-27 June 2014	Stockholm, Sweden	Kjell Brunnström <Kjell.Brunnstrom[at]acreo.se>	Progress on J.bitvqm, P.3D-sam, P.3D-fatigue, etc	Chulhee[at]yonsei.ac.kr margaret[at]its.bldrdoc.gov
13/9	26-28 May, 2014	Geneva	ITU/TSB	Coexistence of wired telecommunications with radiocommunication systems, Conformance and Interoperability Testing	sa-miyaji[at]kddi.com

11. Next Study Group 9 meeting

Next SG9 meeting is scheduled in Geneva, 8-12 September 2014, pending SG12 decision to meet in Colombia. If SG12 won't be meeting in Colombia but in Geneva, then SG9 will have to find alternative dates as no rooms are available in Geneva in September to accommodate both SG9 and SG12 meetings in parallel.

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