INTERNATIONAL ELECTROTECHNICAL COMMISSION

TECHNICAL COMMITTEE No. 100: AUDIO, VIDEO AND MULTIMEDIA SYSTEMS AND EQUIPMENT

ADVISORY GROUP ON STRATEGY

Draft minutes of the 42nd meeting of TC 100/AGS meeting on Monday, 25 September 2017.
Meeting location:
    Cortez B Ballroom
    Kimpton Solamar Hotel
    435 6TH AVENUE, SAN DIEGO, CA 92101 USA

Meeting time: 08:00-13:33

Participants

Title/Role	Name	Country	Participation[1]
AGS Secretary	Mr. Satoshi Terasaki	JP	In person
TC 100 Chair	Mr. David Felland	US	In person
TC 100 Secretary	Mr. Junichi Yoshio	JP	In person
TC 100 Assistant Secretary	Mr. Masatake Sakuma	JP	In person
IEC CO	Mr. Matei Cocimarov	CH	In person
AGS Member	Mr. Hamid Amir-Alikhani	DE	Apologized
AGS Member	Mr. Michael Dolan	US	In person
AGS Member	Mr. Shin Eguchi	JP	In person
AGS Member	Dr. Kate Grant	GB	In person
AGS Member	Ms. Ulrike Haltrich	DE	Apologized
AGS Member	Ms. Veronica Lancaster	US	In person
AGS Member	Dr. Ock-Woo Nam	KR	In person
AGS Member	Mr. Pekka Talmola	FI	In person

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[1] For example: In person, Remote, Apologized, Part of the time

AGS Member	Ms. Grace Wei	US	In person
AGS Member	Dr. Xiaoying Zhao	CN	In person
[GUEST]			
TA 2/ATS	Mr. Jack Holm	US	In person
TA 4/TS	Dr. Kwang-Soon Choi	KR	In person
TA 5/TS	Mr. Hiroo Tamura	JP	In person
TA 8/TAM, TA 14/TS	Mr. Hironori Sakakihara	JP	In person
TA 10/TAM	Dr. Yashio Uemura	JP	In person
TA 10/TS	Mr. Yoshihisa Narui	JP	In person
TA 13/TAM	Ms. Donna Sadowy	US	In person
Audio TA/TS	Mr. Gen Ichimura	JP	In person
[OBSERVER]			
AES Standards Manager	Mr. Richard Cabot	US	In person
	Mr. Jongho Chong	KR	In person
	Mr. Paul Hearty	US	In person
	Mr. Hiroyuki Ishii	JP	In person
	Mr. Suehiro Kawanishi	JP	In person
	Mr. Tadayoshi Kosaka	JP	In person
	Mr. Mark Levine	US	In person
	Mr. Nannan LU	CN	In person
	Mr. Phillip Maness	US	In person
	Mr. David Ott	US	In person
	Mr. Chan-keun Park	KR	In person
	Mr. Yongju Park	KR	In person
	Mr. Jieying Peng	CN	In person

	Mr. Lingfeng PU	CN	In person
TC111 Liaison	Mr. Andreas Schneider	DE	In person
	Mr. Qifeng SUN	CN	In person
	Mr. Nobuyuki Takakuwa	JP	In person
	Mr. Paul Thomsen	US	In person
	Mr. Huiming WANG	CN	In person
	Dr. Subing Zhang	CN	In person
AES Standards Chair	Mr. Bruce Olson	US	In person
	Ms. Xu Wenyan	CN	In person
	Mr. Tomy Jhsionowsh	US	In person
	Mr. Dave Wilson	US	In person
	Mr. Takayuki Fujiwara	JP	In person

1. Opening and reconfirmation of AGS scope

Mr. Yoshio reported that Dr. Komachi, Chair of TC 100 AGS, expressed his intention to resign from the Chair of TC 100 AGS and Dr. Catherine Grant was nominated by Mr. Felland, Chair of TC 100, in consultation with the TC 100 secretariat.

Dr. Grant was assigned to the acting chair for this meeting. It was noted that Mr. Inokuchi resigned and Mr. Terasaki will be approved as TC100 Assistant Secretary in the TC100 plenary on 29th September, 2017.

Chair opened the meeting at 08:00 of 25th September, 2017.
Chair requested the roll call of attendees.

Chair asked Ms. Lancaster, the Senior Director, Standards Programs of Consumer Technology Association (CTA), as the host to welcome delegates and make an introduction to the work of the CTA.

- Opening remark with introduction of CTA --- (V. Lancaster)
  [Document] 100/AGS758

Ms. Lancaster provided host remark and introduced CTA.

AGS thanked CTA and Ms. Lancaster for hosting AGS meeting and providing excellent meeting facilities and refreshments.

- Reconfirmation of AGS scope
  [Document] 100/AGS233rev

Chair explained the scope of AGS by using document 100/AGS233rev.

2. Approval of the agenda

[Document] 100/AGS751

Chair reviewed the draft agenda, and the draft agenda was approved without modification.

3. Review of the minutes of the last meeting

- Minutes of the last meeting
  [Document] 100/AGS750

Since Recommendation 21 of the last meeting was corrected because there is a possibility that misunderstanding may be caused by lack of expression, Mr. Terasaki explained that a correction is also necessary for the minutes. Mr. Terasaki suggested draft amendment of the minutes of the Singapore meeting.

Recommendation 01: AGS agreed on the draft amendment minutes of the 41st AGS meeting without further modification.

- Action item review list
  [Document] 100/AGS754

Mr. Terasaki explained the current status of the action items of the last meeting.
Recommendation 02: AGS agreed on the action item review list (100/AGS754).

4. Membership of AGS
(1) TC 100/AGS Membership --- (J. Yoshio) 100/AGS729
(2) Attendee list of the 42nd TC 100/AGS meeting --- 100/AGS/728

Chair explained the latest status of AGS membership using the document 100/AGS729.

5. New Technologies within the scope of TC 100

5.1 Follow up issues of 40th (or former) meeting
(1) Confirmation of Study Session activity
- Management and operation of Study Session

Document」100/AGS688rev2
- AGS Study Session maintenance list and updated status of the stage 0 projects recommended in AGS
  [Document] 100/AGS737rev1, 100/AGS730rev1

Mr. Terasaki explained about the AGS study session operation rule which is agreed by the 41st AGS meeting using document 100/AGS688rev2.

Recommendation 03: AGS recommended TC 100 secretary to take necessary actions to improve IEC Collaboration Tools with IEC CO to find an easy way to support AGS study session activities.

Mr. Terasaki explained the maintenance list of Study Sessions using the document 100/AGS737rev1 and the updated status of stage-0 projects using the document 100/AGS730rev1.

Mr. Yoshio explained the scheme for new item proposals in TC100 using the document 100/AGS756.

(2) Study Session 10 (Multimedia cyber technology)
- Report of SS 10 (incl. PT 100-17)
  [Document] 100/AGS764
- Draft TR: Conceptual model for TC 100 standardization on multimedia cyber technology
  [Document] 100/AGS765

Mr. Yoshio explained SS 10 and PT 100-17 activities using document 100/AGS764.
Mr. Yoshio explained the conceptual model for TC 100 standardization on multimedia cyber technology using the document 100/AGS765.

Recommendation 04: AGS recommended provision of updates on NIST CPS work to be provided to SS10 and PT 100-17 to help their activities move forward.

(3) Study Session 11 (VR technology)
- Report of SS 11
  [Document] 100/AGS759, 100/AGS/760

> Ms. Zhao explained SS 11 status using document 100/AGS759 and 100/AGS760.
>
> **Recommendation 05:** AGS recommended SS11 to use IEC use case template to help explore use cases and items to be standardized,
>
> **Recommendation 06:** AGS recommended SS11 to investigate establishing liaison relationship with AR/VR related organizations.
>
> **Recommendation 07:** AGS recommended setting up a new SS to study TC 100 use cases and their use in investigation of new technologies within the scope of TC 100.
>
> **Action 01:** Mr. Narui should share the TC 100 SS11 activity with the upcoming JTC1 meeting and report back to AGS on JTC 1's activities in this field.
>
> **Action 02:** TC 100 secretary should set up new SS for TC 100 use cases and call for the volunteer members.

(4) XR systems and equipment
- Draft NPs on XR systems
  [Document] 100/AGS757

> Mr. Kosaka explained draft new proposal for XR(VR/AR/MR) system using document 100/AGS757.
>
> **Recommendation 08:** AGS recommended SS11 to review the proposal (100/AGS757) and formulate a work programme for AR/VR activities under TC 100 in the SS11 meeting on 28th September, 2017.
>
> **Action 03:** The details of the proposal (100/AGS757) should be shared in the upcoming SS11 meeting on 28th September, 2017.

(5) Blue-light reduced display terminal
- Draft NPs on measuring methods of blue-light reduced visual display terminal
  [Document] 100/AGS761, 100/AGS762

> Mr. Zhang explained measuring methods of blue-light reduced visual display terminal using document 100/AGS761 and 100/AGS762.
>
> **Recommendation 09 :** AGS recommended TA2 to work with the proposers of blue-light related work and investigate undertaking this work or further or complementary works within TA2
>
> **Action 04:** This proposal should be shared and discussed in the TA2 meeting on 27th September, 2017.

5.2   New contributions
(1) Updated status of RDS projects
  [Document] 100/AGS766

Mr. Sakuma provided updates on RDS forum 2017 and reported the progress of the corresponding IEC projects. Mr. Sakuma reported that new TA 1 RDS projects would be IEC 62106-7 (RBDS) and 8 (UECP), and the CDVs would be ready at the beginning of 2018.

Recommendation 10: AGS thanked Mr. Sakuma for his report on RDS projects.

(2) Introduction Audio Over IP
[Document] 100/AGS767

Mr. Olson introduced AES activities so far and explained the status of the ongoing projects which are in collaboration between AES and IEC.
Dr. Cabot introduced standardization activities of Audio over IP and new projects on method for transferring time.

Recommendation 11: AGS thanked Mr. Olson and Dr. Cabot for their information on AES and the report on Audio Over IP in AES and recommended continuing to work closely together.
Action 05: Dr. Cabot should provide an update on AES activities for distribution to AGS members after the AES fall meeting.

6.   Related activities

6.1   ITU-T, JTC 1 and TC 100 collaboration
(3) Plan of the next ITU-T, JTC 1 and TC 100 High-Level Ad-Hoc meeting

Mr. Yohiso provided the plan of the next ITU-T, JTC 1 and TC 100 High-Level Ad-Hoc meeting. Dr. Grant suggested that the next JTC1 meeting, which is scheduled in Japan, will become an opportunity to hold the High-Level Ad-Hoc meeting.

Recommendation 12: AGS recommended TC 100 secretary to make an arrangement for the next ITU-T, JTC 1 and TC 100 High-Level Ad-Hoc meeting and provide an update of the result of High-level ad-hoc meeting to AGS.
Action 06: TC 100 secretary should consider the possibility of meeting during the JTC 1 JAG meeting in Japan.

6.2   Reports of related activities
(1) AhG 70 report on system activities (AC/22/2017)
[Document] 100/AGS/763

Dr. Kate explained AhG 70 report on IEC system activities using document 100/AGS763.

Recommendation 13: AGS thanked Dr. Grant for reporting IEC systems activities including current Systems Evaluation Groups and Systems Committees.

(2) Report of SG 11: Hot topic radar (SMB 159/7)

Dr. Kate introduced the activities of SG11 (Hot topic radar).

Recommendation 14: AGS recommended that TC 100 should follow what is happening in SG11 (Hot topic radar) and take a necessary actions.
Action 07: AGS secretariat should distribute any Hot Topic Radar reports to members.

(3) Report of SEG 9: Smart home/office building systems
    [Document] 100/AGS/755

Mr. Terasaki explained the activities of SEG 9 (Smart home/office building systems) using document 100/AGS755.

Recommendation 15: AGS thanked Mr. Terasaki for his report on the activities of SEG 9.
Recommendation 16: AGS recommended that TA8 should consider becoming involved in SEG 9 as a C-member or liaison member.

(4) Report of SEG 8: Communication technologies and architectures of electrotechnical systems
    [Document] 100/AGS/768, 100/AGS769

Dr. Kate explained the activities of SEG 7 (smart manufacturing) and SEG 8 (Communication technologies and architectures of electrotechnical systems activities) using document 100/AGS768 and 100/AGS769.

Recommendation 17: AGS thanked Dr. Grant for providing updates on SEG 7 and SEG 8. AGS recommended TC 100 to consider whether further action is necessary.
Action 08: Dr. Grant is requested to provide reports on these activities to the next AGS meeting.

7.   Review of recommendations and agreed action items --- 100/AGS770

8. Meeting Schedule

TC 100 Secretary explained about the next meeting.
- Date: May 22 to May 25, 2018 (No plenary meeting)
- Location: Belgium

9. Other business

There is no item.

10. Closing

The Chair thanked the host for hospitality and closed the meeting at 13:33