



100/AGS588

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2014-9-22

## INTERNATIONAL ELECTROTECHNICAL COMMISSION

### TECHNICAL COMMITTEE NO 100: AUDIO, VIDEO AND MULTIMEDIA SYSTEMS AND EQUIPMENT

#### ADVISORY GROUP on STRATEGY (AGS)

#### **Minutes of the 35<sup>th</sup> AGS meeting on 2014-05-21**

Meeting time: 9:00 – 16:15

Meeting Place: Renaissance Hotel Seattle (Room: South)  
515 Madison St, Seattle, WA 98104 USA

#### **Attendees:**

##### **[Members, 15 present (include 0 over phone)]**

AGS Chairman: Mr./Dr. Yushi Komachi, JP  
AGS Secretary: Mr. Toshihiro Inokuchi, JP, TC100 Assistant Secretary  
Mr. David Felland US, TC100 Chairman  
Mr. Tadashi Ezaki JP, TC100 Secretary  
Mr. Koichi Hasebe JP, TC100 Assistant Secretary  
Mr. Jon Fairhurst, US, TA12/TAM  
Ms. Grace Wei, US, TA9/TAM  
Ms. Ulrike Haltrich, DE, Digital Europe  
Ms. Alayne Bell, US CEA  
Mr. Ock-Woo Nam, KR, TA15/ATS  
Mr. Junichi Yoshio, JP TA11/TAM  
Mr. Keith Jones, AU  
Mr. Shuichi Matsumura, JP, TA8/TAM, TA14/TAM  
Mr. Pekka Talmola, FI, TA1/TAM  
Mr. Hong Zhang, CN

##### **[Guests, 13 present (include 0 over phone)]**

Mr. Jack Holm, US, TA2/TS  
Mr. Jae-Young Lee, KR, TA4/TAM  
Mr. Kwang-Soon Choi, KR TA4/TS  
Mr. Yukka Albe, FI, TA5/TS  
Mr. Hideki Ohtaka, JP, TA6/TAM  
Mr. Koji Tsukada, JP, TA6/TS  
Mr. Hironori Sakakihara, JP, TA8/TS, TA14/TS  
Mr. Katsuyoshi Naka, JP, TA9/TS  
Mr. Yoshihisa Narui, JP, TA10/TS  
Ms. Donna Sadowy, US, TA13/TAM  
Mr. Tsuyoshi Naruoka, JP, TA13/TS  
Dr. Seung-Ok Lim, KR, TA15/TS  
Dr. Shuji Hirakawa, JP, IEC SMB JP NC

**[Liaisons, 1 present (include 0 over phone)]**

Mr. Jeffrey Ravencraft, US, USB-IF

**[Dependency, 1 present]**

Mr. Hiroyuki Ishii, JP, JEITA

**[Observers, 10 present]**

Mr. Hideo Arahama, JP, JEITA

Dr. Cheng Lu, CN

Mr. Wolfgang Furtner, DE, Infineon Technologies

Mr. Munhwan Han, KR, Korea Testing Certification

Ms. Susan Winter, CA, EFC

Mr. Bin Su, CN, BOE Technology Group Co., Ltd.

Ms. Chao Xu, CN,

Mr. Tom Bolioli, US

Dr. Paul J. Hearty, US, Sony

Dr. Juyoung Park, KR, ETRI

**Discussions:**

0. The IEC TC100 AGS meeting was called to order at 9:00AM by Chairman, Dr. Komachi. Mr. Inokuchi substituted for the IEC TC100 AGS Secretary.

0. Roll call: Chairman requested the roll call of attendees.

0. Host remark: Chairman asked Ms. Alayne Bell of CEA for host remark.

1.0. Opening and reconfirmation of the AGS scope (100/AGS/233rev)

The review of the AGS scope was led by IEC TC100 AGS Chair, Dr. Komachi.

2.0 Approval of the agenda (100/AGS/561)

No additional items or modifications were received. The agenda was confirmed.

3.0 Review of the minutes of the previous meeting (100/AGS/560)

The minutes of the previous IEC TC100 AGS meeting were reviewed led by AGS Secretary. The previous meeting was the 34<sup>th</sup> meeting. One modification with regard to Agenda 5.1 (4) was proposed by Mr. Ezaki and confirmed. Without further modification, the minutes of the 34<sup>th</sup> meeting was confirmed.

4.0 The membership of AGS (100/AGS/563)

Mr. Ezaki, the TC100 Secretary, reviewed the latest AGS member.

AGS noted that Mr. Hamid Amir-Alikhani and Mr. Hong Zhang were appointed as members of AGS, and thanked to Mr. Eric van Nijhuis and Mr. Subing Zhang for their contributions to AGS.

5.0 New Technologies within the scope of TC100

5.1 Follow-up of issues of 34<sup>th</sup> (or former) meeting

(1) Study Session 1 (3D technology)

Report of SS1 and stage 0 project (3D terminology) --- (H. Zhang) 100/AGSxxx

Mr. Zhang explained the result of stage 0 investigation and concluded the outcome of TC110 is enough for 3D TV and UHD at this moment. AGS discussed about other possibility of 3D, for example 3D Printer/Scanner.

AGS appointed Dr. Cheng Lu as a co-leader of SS1 and requests AGS members to provide experts of SS1 to study new standardization issues for 3D printer/scanner and related technology. According to the study, AGS proposed to modify the title (3D terminology/quality and UHD) and scope of the TR of existing stage 0 project.

(2) Study Session 2 (Ambient assisted living)

Report of SS2 --- (U. Haltrich) 100/AGS572

Update from SEG AAL --- (J. Laurila and U. Haltrich) 100/AGS573, 100/AGS574

Update of PT 100-7 and EU AAL Workshop co-hosted by CLC TC 100 X and IEC SEG AAL --- (U. Haltrich) 100/AGS575, 100/AGS576

Ms. U. Haltrich reported SS2, PT 100-7 and CENELEC AAL Workshop. Also, because of Ms. J Laurila's absence, Ms. Haltrich explained about IEC SEG AAL. Because TA16 is established, Ms. Haltrich proposed to transfer all SS2 activity to TA16 and to close SS2.

AGS decided to close SS2 and thanked Ms. U. Haltrich for her leadership for SS2 activities.

(3) Study Session 5 (Multimedia equipment for electric vehicle)

Report of SS5 and stage 0 project (Multimedia car systems and equip.) --- (J. Yoshio) 100/AGS579

Mr. Yoshio reported about SS5 status and the stage 0 project.

AGS requested SS5 to continue its work plans in the stage 0 project to develop the TR: Conceptual model of standardization for multimedia car systems and equipment, and to encourage Japanese and Korean NCs to propose NPs on drive monitoring and recording.

(4) Study Session 7 (Robotics technology)

Report of SS7 and IEC SG7 --- (T. Inokuchi) 100/AGS583

Mr. Inokuchi explained about the status of IEC SMB SG7, and proposed to call for expert to proceed SS' activity.

AGS requested SS7 to call for experts for clarification of robotics technology within the scope of TC 100, watching SMB/SG7 activities.

(5) Digital Cinema

Status report of SMPTE D-Cinema (21DC) --- (H. Ohtaka) 100/AGS568

Mr. Ohtaka reported the progress of activity of SMPTE D-Cinema (21DC). AGS discussed about possibility of future collaboration with SMPTE.

AGS thanked to Mr. Ohtaka for his report, and requested him to continue to provide updated information on SMPTE digital cinema activities including plan or possibility of an SMPTE and TC100 joint work.

(6) Loudness

Status report: update and re-writing of EBU Tech Doc 3344 --- (J. Yoshio, A. Mason) 100/AGS580

Mr. Yoshio explained the status of EBU Tech Doc 3344.

AGS thanked Mr. Yoshio for his status report on revising Tech Doc 3344, which planned to be discussed in TA11.

(7) Smart City

Report of SEG-1 on smart city --- (S. Hirakawa, T.Ezaki) 100/AGS571

Dr. Hirakawa explained the latest status of IEC SEG-1. Mr. Ezaki explained the last AGS resolution regarding to the action to SEG-1 as TC100, and reported Mr. Ezaki was registered to WG3 (Smart Home) and WG4 (Smart Education) of SEG1 as the representative of TC100. The 1<sup>st</sup> WG meeting was scheduled on 2014-6 in China.

AGS thanked Dr. Hirakawa for his report of SEG-1 on smart cities and requested Mr. T Ezaki to participate to the forthcoming WG meetings of SEG-1.

(8) Energy Efficiency

Report of ACEE (Advisory Committee on Energy Efficiency) --- (T. Inokuchi) 100/AGS584

Mr. Inokuchi reported the activity of ACEE and the IEA-IEC-ISO workshop in conjunction with ACEE meeting on 2014-03.

AGS thanked Mr. T. Inokuchi for information about ACEE and his presentation in the ACEE meetings as TC100 representative.

(9) Long range power transfer

Report from TA15 on standardization of long range power transfer --- (K. Grajski, T. Ezaki) 100/AGS581

Mr. Grajski reported about the response to SMB Chairman with regard to long range wireless transfer.

AGS thanked Mr. K. Grajski and TA15 for drafting Doc. 100/AGS581, and requested TC100 Secretariat to forward it to SMB chairman.

## 5.2 New Contributions

### 5.2 (1) Smart City

Proposal for identification and communication for notebook computer supporting Class 1-3 ID --- (W. Furtner) 100/AGS566

Mr. Furtner explained the overview of new proposal regarding to identification and communication for notebook computer. This new proposal was already discussed in TA14 meeting on this week.

AGS thanked Mr. W. Furtner for his presentation of Doc. 100/AGS566, and noted that it will be discussed in TA14.

### 5.2 (2) New SS proposal for wearable systems and equipment

Market trends for wearable systems and equipment --- (U. Haltrich) 100/AGS577

Ms. Haltrich proposed to establish with regards to the wearable systems and equipment.

AGS established SS8 for wearable systems and equipment to clarify standardization issues for those technologies, and appointed Ms. U Haltrich as a leader of SS8.

### 5.2 (3) Multimedia health supporting systems and equipment

Requirements for TC 100 standardization for multimedia health supporting systems and equipment --- (J. Yoshio) 100/AGS567

Mr. Yoshio explained about potential standardization area for TC100. The proposed "health supporting systems and equipment" has close relationship with newly established SS8.

AGS requested SS8 to include the issues of health supporting systems and equipment and appointed Mr. J. Yoshio as a co-leader of SS8.

### 5.2 (4) Transparent display terminal

Transparent LCD terminal test methods and technical requirements --- (Chao Xu) 100/AGS578

Mr. Xu explained the new proposal about transparent display. AGS found this scope is close to TC110 and about potential standardization area for TC100. The proposed "health supporting systems and equipment" has close relationship with newly established SS8 and TA16.

## 6 Related activities

### 6.1 ITU-T, JTC 1 and TC 100 collaboration

Report of 6th Ad-Hoc, TC 100 High-Level meeting --- (T. Ezaki) 100/AGS564

Mr. Ezaki and Mr. Felland reported the result of 6th Ad-Hoc, TC 100 High-Level meeting. Because of the delay on the submission of IPTV terminal NP, AGS requested Mr. Ezaki to contact ITU-T relating members for checking the status.

## 6.2 Minimizing overlap of standardization

### (1) Report of PONT activity --- (D. Felland) 100/AGS585

Mr. Felland reported the latest situation of PONT activity.

AGS requested Mr. Felland to keep updating its latest result to AGS.

## 6.3 Technical discussions for liaison ship

### (1) Definition of a smart sustainable city, ITU-T FG-SSC (Focus Group on Smart Sustainable Cities) --- (T. Ezaki) 100/AGS565 (FG SSCLS14)

Mr. Ezaki explained about the background of the liaison request from ITU-T FG-SSC. Though the comment period was closed, this issue relates to the agenda item of 5.1 (7), Mr. Ezaki reported the necessity of keeping liaison relationship with ITU-T FG-SSC.

### (2) Update on ISO/IEC JTC1/SC29 (K. Grant) 100/AGS582

Because Dr. K. Grant couldn't attend AGS meeting, the liaison report of MPEG and JPEG activities at JTC1/SC29 was circulated to AGS members.

## 7. Review of recommendations and agreed action items --- 100/AGS587

Recommendations and agreed action items, the 35<sup>th</sup> meeting of the TC 100/AGS

1. AGS notes that Mr. Hamid Amir-Alikhani and Mr. Hong Zhang were appointed as members of AGS, and thanks Mr. Eric van Nijhuis and Mr. Subing Zhang for their contributions to AGS.
2. AGS appoints Dr. Cheng Lu as a co-leader of SS1 and requests AGS members to provide experts of SS1 to study new standardization issues for 3D printer/scanner and related technology.
3. According to the study, AGS will modify the title (3D terminology/quality and UHD) and scope of the TR of existing stage 0 project.
4. In consideration of the establishment of TA16, AGS closes SS2 and thanks Ms. U. Haltrich for her leadership for SS2 activities.
5. AGS requests SS5 to continue its work plans in the stage 0 project to develop the TR: Conceptual model of standardization for multimedia car systems and equipment, and to encourage Japanese and Korean NCs to propose NPs on drive monitoring and recording.
6. AGS requests SS7 to call for experts for clarification of robotics technology within the scope of TC 100, watching SMB/SG7 activities.
7. AGS thanks Mr. Ohtaka for his report, and requests him to continue to provide updated information on SMPTE digital cinema activities including plan or possibility of an SMPTE and TC100 joint work.
8. AGS thanks Mr. Yoshio for his status report on revising Tech Doc 3344, which will be discussed in TA11.
9. AGS thanks Dr. Hirakawa for his report of SEG-1 on smart cities and requests Mr. T Ezaki to participate to the forthcoming WG meetings of SEG-1.
10. AGS thanks Mr. T. Inokuchi for information about ACEE and his presentation in the ACEE meetings as TC100 representative.
11. AGS thanks Mr. K. Grajski and TA15 for drafting Doc. 100/AGS581, and requests TC100 Secretariat to forward it to SMB chairman.
12. AGS thanks Mr. W. Furtner for his presentation of Doc. 100/AGS566, and notes that it will be discussed in TA14.

13. AGS suggests Australia NC to submit an NP on power/energy measurement battery chargers including the discussions in the AGS meeting. AGS requests TC100 secretary to contact CENELEC TC100X regarding this issue.
14. AGS establishes SS8 for wearable systems and equipment to clarify standardization issues for those technologies, and appoints Ms. U Haltrich as a leader of SS8.
15. AGS requests SS8 to include the issues of health supporting systems and equipment and appoints Mr. J. Yoshio as a co-leader of SS8.
16. AGS requests Chinese NC to clarify TC100 standardization issues for the topic of a transparent display terminal.
17. AGS thanks Mr. T. Ezaki for his report of 6th Ad-Hoc, TC 100 High-Level meeting, and request him to encourage ITU-T to propose an NP for IPTV terminals.
18. AGS requests Mr. D. Felland to continue to provide updated information of future PONT activity.
19. AGS thanks Dr. K. Grant for providing her report on JTC1/SC29.
20. AGS expresses its appreciation to US National Committee and CEA for handling arrangements of the AGS meeting and providing excellent facilities and refreshments.

9. Meeting schedule

Mr. Ezaki, TC100 Secretary, announced next AGS Meeting.

Date: Nov 4<sup>th</sup>, 2014

Location: Tokyo, JP

10. Other business

Nothing

11. Closing

Meeting was adjourned at 16:15 by Chairman.