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**INTERNATIONAL ELECTROTECHNICAL COMMISSION**

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

**ADVISORY GROUP on STRATEGY (AGS)**

**Minutes of the 31st AGS meeting on May 15, 2012**

Meeting time: 10.00 - 16.30

Meeting Place: Gayroad Texan & Convention Center, Grapevine, TX USA

**Attendees:**

**[Members, 13 present]**

AGS Chairman: Mr./Dr. Yushi Komachi, JP

Mr. David Felland US, TC100 Chairman

Mr. Tadashi Ezaki JP, TC100 Secretary

Mr. Hiroyuki Iga JP, TC100 Assistant Secretary

Mr. Matei Cocimarov, IEC/CO

Ms. Ulrike Haltrich, DE, Digital Europe

Ms./Dr. Kate Grant, UK Nine Tiles

Mr. Junichi Yoshio, JP TA11/TAM

Mr. Subing Zhang, CN CESI

Mr. Keith Jones, AU Australian Industry Group

Ms. Grace Wei, US

Mr. Ock-Woo Nam, KR

Ms. Shazia McGeeham, US CEA

**[Observers, 35 present]**

Mr. Jon M. Woodgate, UK TC100 AGM Editorial Committee Chair

Mr. Hironori Sakakihara, JP TA8/TS, TA14/TS

Mr. Yoshihisa Narui, JP TA10/TS

Ms. Tsuyoshi Naruoka, JP TA13/TS

Mr. Koji Tsukada, JP TA6 / TS

Mr. Toshihiro Inokuchi, JP TA12/TS, Substitute for the AGS Secretary for May 15, 2012

Mr. Kwang-Soon Choi, KR TA4/TS

Mr. Jon Fairhurst, US TA12/TAM

Mr. Eero Sorri FI, TA5/TS

Mr./Dr. Jae-Young Lee KR, TA4/TAM

Mr. Jeff Ravencraft, US, USB-IF (Liaison)

Mr. Hiroyuki Ishii, JP

Mr./Dr. Yoshikazu Ishii, JP, TA12/ATS

Mr. Michael Stelts, US, SG4 Liaison

Mr. Takeshi Matsushita, JP

Mr. Katsuyoshi Naka, JP, TA9/ATS

Mr./Dr. Kamil A. Grajski, US

Mr. Kefeng Fan, CN CESI

Mr. Menno Treffers, US, The Chairman of WPC

Mr. Yun-Jae Won, KR

Mr./Dr. Seung-Moon Ryu, KR

Mr. Hideki Ohtaka, JP, TA6/TAM

Ms. Cecilia Zappala, Digital Europe

Ms. Donna Sadowy, US, TA13/TAM

Mr. Alan Rudolph, US

Mr. Shiburo Tokano, JP

Mr. Tom White, MMA Liaison

Mr./Dr. Paul Hearty, US

Mr. John Jay, US

Mr. Bill Scot, US, Guest

Mr. Michael Park, KR

**Discussions:**

0. The IEC TC100 AGS meeting was called to order at 10:05AM by Chairman, Dr. Komachi. Mr. Inokuchi substituted for the IEC TC100 AGS Secretary.

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/476)

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

3.0 Review of the minutes of the previous meeting (100/AGS/475)

The minutes of the previous IEC TC100 AGS meeting were reviewed. The previous meeting was the 30th meeting. Without modification, the minutes of the 30th meeting were confirmed.

4.0 The membership of AGS

The AGS membership change is reported by Mr. Ezaki (100/AGS490). Mr. Ezaki introduces new member (100/AGS491), Ms. Shazia McGeeham from US, and introduces the leave of MS. Jean Baronas. Mr. Ezaki requests US NC to nominate the replacement person, and Mr. Jon Fairfurst reports that US NC (TC100 US-TAG) has already started to take this action.

5.0 New Technologies within the scope of TC100

5.1 Follow-up of issues of 30th (or former) meeting

(1) Reports of the Study Session 1 (3D technology)

　　Report of Session 1 (100/AGS493)

　　　Mr. Jon Fairfurst updates the study session 1. Mr. Keith Jones volunteers to participate in the Study Session 1 investigation.

　　　Mr. Fairfurst updates the energy efficiency issue in US. The energy consumption measurement method for 3DTV is not urgent issue for DoE of US.

　　　Mr. Komachi asks Mr. Fairhurst for proposing the result of CEA’s 3D standard to TC100. Mr. Fairhurst will ask at CEA R4 meeting.

　　　Mr. Komachi encourages Mr. Fairhurst to propose NP, Mr. Fairfurst will investigate with Mr. Jones.

　　　Mr. Zhang introduces that China has worked on the test method of 3D about cross talk for 3 years. Mr. Zhang proposes that the measurement method of 3D can be standardized by TC100. Mr. Komachi encourages Chinese experts to join the study session 1 about 3D for investigating NP.

(2) Reports of the Study Session 2 (Ambient assisted living)

US Accessibility Update (100/AGS494)

Report of SMB SG5(AAL) (100/AGS488)

Report of Study Session 5(AAL) (100/AGS489)

　Mr. Belt updates CEA activity based on the presentation 100/AGS494. The overview of accessibility activity at Video Programming Accessibility Advisory Committee (VPAAC) of FCC is introduced.

Ms. Haltrich updates SMB SG5 (Ambient Assisted Living) based on 100/AGS488, and explained the development plan of Ambient Assisted Living (AAL) use case in Study Session 2 based on the presentation100/AGS489.

AGS suggested to establish Stage 0 project for developing Technical Report of AAL Use Case. Ms. Haltrich and Dr. Grant were appointed to the Project Leader and Co-Leader. In the discussion of this project, the necessity of the revision of IEC/TR62678, Activities and considerations related to accessibility and usability, was indicated.

(3) Reports of the Study Session 4 (Smart grid, LVDC and the EE related issues)

Reports of SMB SG3(Smart grid) and SG4(LVDC) --- (T. Inokuchi) 100/AGS492

Report of Study Session 4 (SG/LVDC/EE) --- (T. Inokuchi) 100/AGS492

Mr. Inokuchi updated IEC SMB SG3 (Smart Grid) and SG4 (LVDC) activities based on the presentation 100/AGS492, reported that Study Session 4 found the importance of the standardization about Energy Efficiency.

AGS recommended to investigate about the standardization strategy on the reduction of stand-by power and the network stand-by.

(4) Reports of the Study Session 5 (Multimedia equipment for electric vehicle)

\_ Report of WSC discussion on EV (fully networked car) --- (J. Yoshio) 100/AGS478

\_ Report of Study Session 5 (multimedia equipment for EV) --- (J. Yoshio) 100/AGS479

\_ Establishment of task group for SMB SG6 --- (T. Ezaki and J. Yoshio) 100/AGS4xx

Mr. Yoshio reported the topics of fully networked car discussed at World Standards Cooperation (WSC) based on the presentation 100/AGS478, and reported the result of discussion at JEITA about multimedia equipment for electric vehicle based on the presentation 100/AGS479.

AGS recommended to promote discussion in Study Session 5 internationally, and to investigate the standardization strategy of the car navigation and in-car network in TC100.

AGS decided not to establish new task group for corresponding IEC SMB SG6 (Electrotechnology for Mobility) in TC100 because it’s early stage. AGS recommended Mr. Yoshio to keep monitoring the activity of fully networked car at WSC.

(5) Smart TV

The reference model for smart TV --- (K. Fan) 100/AGS482

Mr. Fan explained the revised presentation after previous proposal based on the document 100/AGS482.

AGS reviewed the document, and recommended to establish Stage 0 Project for developing Technical Report of Conceptual model for smart TV standardization. AGS appointed Mr. Fan to be the Project Leader. AGS asked AGM to assign Project.

(6) Wireless power transmission

\_ Transferring the Qi spec to IEC --- (M. Treffers) 100/AGS480

\_ Introduction to the mission of the Wireless Power Consortium --- (M. Treffers)

<http://prezi.com/s31u-f81bs8b/the-qi-interface-design-freedom-and-innovation/>

Mr. Treffers from Wireless Power Consortium explained the document 100/AGS480 and introduced the WPC Web. Because WPC expected to find appropriate international standard body and to confirm the procedures for standardizing the specification developed by WPC, Mr. Ezaki, the secretary of TC100, responded that TC100 is the appropriate place to be standardized, and explained it process. AGS recommended WPC to collaborate with TC100 secretariat to proceed international standardization in TC100.

(7) Digital Cinema

\_ SMPTE D-Cinema (21DC) Status Report --- (H. Ohtaka) 100/AGS481

Mr. Ohtaka reported the activity of SMPTE D-Cinema (21DC) based on the presentation 100/AGS481. No specific report about 3D Cinema at this meeting.

AGS requested Mr. Ohtaka to keep updating SMPTE activities to AGS.

5.2 New Contributions

5.2 (1) File allocation system for multimedia home server

\_ Draft NP: File allocation system with minimized reallocation for multimedia home server --- (H. Sakakihara) 100/AGS483

Mr. Sakakihara, TS of TA8, explained the overview of the file system for minimizing the re-allocation on multimedia home server based on the document 100/AGS483.

AGS recommended to proceed NP process.

5.2 (2) Control protocol for audio and video applications

\_ OCA proposal: Control protocol for audio and video applications --- (B. Scott) 100/AGS484

Mr. Scott from OCA explained the AV control protocol based on the document 100/AGS484.

After Q&A regarding to the relationship with other protocols, AGS recommended OCN to collaborate with TC100 secretariat for proceeding international standardization of OCN specification in IEC TC100.

5.2 (3) Picturing alarm of camera within mobile phone

\_ Draft TR: Guideline for picturing alarm signals of a camera built within mobile phone --- (Y. Komachi) 100/AGS485

Dr. Komachi explained the overview of guideline for the indication of mobile phone camera status based on the document 100/AGS485.

Although the comment that the scope should not be limited to the camera embedded in mobile phone, AGS recommended to proceed to DTR with this scope.

5.2 (4) Additional Study Sessions

\_ Preliminary discussion for future Study Session topics --- (T. Ezaki) 100/AGS4xx

Mr. Ezaki encouraged all AGS members to propose new item to be investigated at new Study Session by adding items listed at Future technology task group (FTTG) and to propose future AGM meetings.

6.0 Related activities

6.1 Technical discussions for liaisonship

(1) TC100 position for EN 50563, External ac-dc/ac-ac power supplies — Determination of no-load power and average efficiency of active modes --- (T. Ezaki) 100/AGS486

Mr. Ezaki explained EN50563 developed by CENELEC based on the document 100/AGS486. AGS recommended AGM to assign the standardization work to either TA12, 13 or 15 for proceeding IEC standardization.

6.2 ITU-T, JTC 1 and TC 100 collaboration

(1) Report of 4th Ad-Hoc, TC 100 High-Level meeting on Nov. 20 in Geneva --- (T. Ezaki) 100/AGS487

Mr. Ezaki reported the overview of 4th Ad-hoc, TC100 High-Level meeting, based on he document 100/AGS/487.

AGS recommended Mr. Ezaki to keep continuing ad-hoc collaboration framework among ITU-T, JTC1, ETSI, CENELEC and IEC.

7. Review of recommendations and agreed action items --- 100/AGS495

AGS reviewed and agreed following recommendations and action plans.

0. AGS confirms its membership shown in 100ags476 including the resignation of Ms. J. Baronas and the agreement of the US NC to nominate a new member.

1. AGS requests Study Session 1 to submit a draft NP for terminology standard of 3D technology with support of Mr. K. Jones and Mr. K.Fan.

2. AGS agrees with the proposal of Study Session 2 and requests it to go ahead with its action plans in a stage 0 project to develop a TR of AAL use cases. The leader and co-leader of the project is Ms. Haltrich and Dr. Grant respectively.

3. AGS recommends to start an amendment of the existing TR on accessibility to include some discussions of the above project and to reflect the revised documents being produced by JTC 1 SWG-A.

4. AGS requests Ms. Haltrich to report updated information on SMB SG5 to the next AGS meeting.

5. AGS requests Study Session 4 to clarify the TC100 strategy for standardization of reducing stand-by power and network stand-by, in conjunction with TA12, 13 and 14.

6. AGS requests Mr. Inokuchi to report updated information on SMB SG3 and SG4 to the next AGS meeting.

7. AGS requests the leader of Study Session 5 to engage with international experts of TC100 and other bodies and clarify the TC100 strategy for standardization of car navigation and network in car.

8. AGS requests Study Session 5 to continue to engage with the Fully networked car of WSC.

9. AGS requests to establish a stage 0 project to develop a TR on Conceptual model for smart TV standardization, harmonizing with Study Session 1 and 2 and TA1. Mr. K. Fan is appointed as the project leader and the AGM is requested to discuss the allocation of the project.

10. AGS requests WPC to work with the TC100 secretariat to progress the development of an appropriate procedure for IEC standardization of WPC specifications.

11. AGS thanks Mr. Ohtaka for his report, and requests him to continue to provide updated information on SMPTE activities.

12. AGS recommends that an NP for file allocation system for multimedia home server should be submitted for processing, potentially in TA8.

13. AGS recommends OCA to work with the TC100 secretariat to progress the development of an appropriate procedure for IEC standardization of OCA specifications.

14. AGS recommend that the DTR for guideline for picturing alarm signals of a camera built within mobile phone should be submitted for DTR processing.

15. AGS thanks Mr. Ezaki to clarify the requirements for additional Study Sessions asks to provide new topics to be discussed at future AGS meetings.

16. AGS requests AGM to contact with CENELEC for encouraging the IEC standardization of EN 50563 and allocate its standardization works to TA12, 13 or 14.

17. AGS thanks Mr. Ezaki for his information on the 4th high-level ad-hoc meeting and requests him to encourage the coordination with ITU-T, JTC1, ETSI and CENELEC.

18. AGS expresses its appreciation to US National Committee for handling arrangements of the AGS meeting and providing excellent facilities and refreshments.

8. Meeting schedule

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

Date: Oct., 22nd, 2012

Location: Berlin

9. Other business

Nothing