



100/AGS541

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2013-9-22

INTERNATIONAL ELECTROTECHNICAL COMMISSION

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

ADVISORY GROUP on STRATEGY (AGS)

Minutes of the 33rd AGS meeting on Jun 5th, 2013

Meeting time: 9:00 – 16:00

Meeting Place: British Standards Institution (Room: G1)

389 Chiswick High Road, London, W4 4AL, United Kingdom

Attendees:

[Members, 15 present]

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. Hiroyuki Iga JP, TC100 Assistant Secretary

Mr. Jon Fairhurst, US, TA12/TAM

Ms. Grace Wei, US, TA9/TAM

Ms./Dr. Kate Grant, UK Nine Tiles

Ms. Ulrike Haltrich, DE, Digital Europe

Mr. Keith Jones, AU Australian Industry Group

Mr. Shuichi Matsumura, JP, TA8/TAM, TA14/TAM

Ms. Alayne Bell, US CEA

Mr. Ock-Woo Nam, KR

Mr. Pekka Talmola, FI

Mr. Junichi Yoshio, JP TA11/TAM

[Guests, 11 present]

Mr. Koichi Hasebe, JP, TA1/ATS

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

Mr. Kwang-Soon Choi, KR TA4/TS

Mr. Eero Sorri, 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

[Liaisons, 7 present]

Mr. Guido Gybels, UK, European Blind Union
Mr. John Patom, UK, European Blind Union
Mr. Andrew Mason, European Blind Union
Mr. Mark Young, AES
Mr. Yukihiro Kawaguchi, MMA/AMEI
Mr. Tom White, MMA
Mr. Kazuo, MMA/AMEI

[Observers, 18 present]

Mr. Hiroyuki Ishii, JP, JEITA
Dr. Kamil Grajski, US
Mr. Hong Zhang, CN
Mr. Mohammad Reza Tazar, DE
Mr. Lu Cheng, CN
Mr. Yigang Diao, CN
Ms. Janina Laurila-Dürsch, DE
Mr. Bill Belt, JP
Dr. Shinichiro Haruyama, JP
Mr. Yun-Jae Won, KR
Dr. Seung-Ok Lim, KR
Mr. Eddie Levio, UK
Mr. Munhwan Han, KR
Mr. Matei Cocimarov, IEC CO
Mr. Osamu Namikawa, JP
Mr. Hyuk-Choon Kwon, KR
Mr. Hideo Arahama, JP
Mr. Peter Gibson,

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 Mr. Eddie Levio of BSI 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/516)

No additional items or modifications were received. The agenda was confirmed.
US contributions (#538 and #539) were submitted on this day.

3.0 Review of the minutes of the previous meeting (100/AGS/515)

The minutes of the previous IEC TC100 AGS meeting were reviewed led by AGS Secretary. The previous meeting was the 32nd meeting. Without modification, the minutes of the 32nd meeting was confirmed.

4.0 The membership of AGS

Mr. Ezaki, the TC100 Secretary, announced the change of AGS member. Ms. Alayne Bell was appointed to be AGS Member from US National Committee as the successor of Ms. Shazia McGeeham.

The attendee list of the 33rd TC100 AGS meeting (100/ags518) was circulated, and all attendees were requested to review the name and affiliation in the list.

5.0 New Technologies within the scope of TC100

5.1 Follow-up of issues of 32nd (or former) meeting

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

Anticipated 3D and combining 3D/UHD technology for TC 100 standardization --- (J. Fairhurst and CEA) 100/AGS538

Mr. Jon Fairhurst updates the latest 3D technology, standardization situation (CEA and ATSC), market trend, the latest status of UHD technology (ITU-R, CEA, SMPTE, ITU-T) and its market situation. Mr. Fairhurst proposes 3D Terminology, Quality and UHD relating technologies for new standard item in TC100. AGS recommends to hold ad-hoc meeting just after the 33rd AGS meeting for discussing its scope and next steps.

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

Report of SMB SG5(AAL) - Roadmap of IEC SG5 --- (J. Laurila) 100/AGS533

Report of stage 0 project PT 100-7 AAL --- (U. Haltrich and K. Grant) 100/AGS530

The universAAL user interaction framework --- (M. Tazari) 100/AGS520, 100/AGS521

Proposed PAS: The universAAL Framework for User Interaction in AAL Spaces --- (M. Tazari)

Ms. J Laurila reported SMB SG5 (AAL) activity based on the presentation 100/AGS533. Major keywords are following;

- Overview of SG5 4th meeting (2013-03).
- Status, Security, Modeling team
- Interaction with universal: DKE supports for passing IEC PAS.
- Interaction with Continua: work for proposing to IEC.
- Use Case Model: Define 4 layers, component, communication, information and semantic.

AGS recommended Ms. Laurila to keep updating SG5 activities to AGS.

Ms. U. Haltrich updated the progress of stage 0 project PT 100-7 AAL based on the presentation 100/AGS530. Major content were following;

- Scope: Research and collection of AAL use case within the scope of TC100. Find AAL issues for TC100. Create the TR as the result.
- Classify the use case developed by SG5.

AGS recommended SS2 to develop TR by proceeding action plan of stage 0 project.

Mr. M Tazari explained the overview of "The universAAL Framework for User Interaction in AAL Spaces". Because its detail had been discussed in other meeting on the day before this meeting date, AGS just received the request of PAS submission, and AGS recommended German NC to submit the draft specification (ags/100526) to proceed PAS process. universal Framework consists of following items;

- Analysis between UI(user interaction) handlers and I/O Channels
- Dialog Descriptions
- Adaptation Concept
- Provisions of the UI Framework

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

Performance requirements, video data recorder for road vehicle accidents --- (J. Y. Lee) 100/AGS528

Report of the connected car workshop --- (U. Haltrich) 100/AGS529

Report and proposal of Study Session 5 --- (J. Yoshio) 100/AGS532

Mr. J. Y. Lee and Ms. U. Haltrich, requested by Mr. J. Yoshio, the leader of SS5, reported the performance requirement of traffic accident data recorder base on the document of 100/AGS528 and Fully networked car workshop based on the document 100/AGS529.

Mr. Yoshio reported the investigation result of Car systems and requirement standardization issues in Japan, and proposed the stage 0 project for accelerating TR of Information service system model for car based on the document of 100/AGS532.

AGS recommended to establish stage 0 project for developing TR about Conceptual model of standardization for multimedia car systems and equipment.

AGS Chairman asked Mr. Yoshio and Mr. Lee to take the leadership positions. After getting acceptances from 2 persons, AGS decided to report this establishment to AGM.

(4) Preliminary discussion for a new study session

Robotics technology within the scope of TC 100 --- (T. Inokuchi) 100/AGS534

Mr. Inokuchi explained the examples of life assist robots, and introduced possible issue in TC100. Some participants showed interests, however, because the interest for standard development was not enough, AGS recommended Mr. Inokuchi to continue investigate standardization point on this topic.

(5) Activity overview of the Study Sessions

Activity overview of the Study Sessions --- (T. Inokuchi) 100/AGS535

In order to evaluate new theme investigation system named Study Session (SS), Mr. Inokuchi summarized all SS activities and their results, and explained in the meeting. This summary helped all AGS members to understand how SS system works effectively.

(5) Digital Cinema

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

Mr. Ohtaka reported the progress of activity of SMPTE D-Cinema (21DC) was not so much. AGS requested Mr. Ohtaka to keep updating SMPTE activities to AGS.

5.2 New Contributions

5.2 (1) Visible light beacon system

Proposal on visible light beacon system (JEITA CP-1223) --- (S. Haruyama) 100/AGS523

Prof. Haruyama explained Visible light beacon system that had been standardized as JEITA CP-1223 in Japan. After confirming that this technology was already in the market, AGS recommended Japan NC to propose NP/CDV after receiving the review from AGM.

5.2 (2) In-Home Loudspeakers

Method of Measurement for In-Home Loudspeakers --- (A. Bell and J. Fairhurst) 100/AGS539

Ms. A Bell introduced the overview of CEA - 2034 (Draft): Standard method of measurement for in - home loud speaker based on the document 100/AGS539, and expressed the interest to propose it to TC100. In order to align with existing standards, AGS decided to send document 100/AGS539 and its source specification to GMT for receiving the comment toward international standard.

5.2 (3) Additional Study Sessions

Requirements for a new Study Session on multimedia user/system interface --- (T. Ezaki) 100/AGS522

Mr. Ezaki reported using the document 100/AGS522 that JTC1/SC35 was developing User Interface standard which had possible infringement with TC100 scope. AGS members pointed out that TC100 should develop User Interface standard of TC100 scope.

AGS recommended to establish new Study Session (SS6) for investigating Multimedia User Interface, and requested Mr. Ezaki to take its leadership position.

5.2 (4) Loudness

Receiver design guidance in EBU Tech Doc 3344 to be included in IEC --- (A. Mason)
100/AGS531

Mr. A. Mason, the chair of Future Audio and Radio of EBU, introduced the overview of EBU Tech Doc 3344 with the document 100/AGS531. After checking that EBU has already been the Category-A liaison member with TC100, AGS recommended to distribute Tech Doc 3344 to all AGS members.

5.2 (5) Future Wireless Power (long range power transfer)

Market and standardization of future wireless power (Long range power transfer) --- (T. Ezaki)
100/AGS524(MSB/74/INF)

Mr. Ezaki introduced MBS document 100/AGS524. Regarding to future wireless transfer technology for long range, AGS recommended Dr. Grajski and Dr. Lim to summarize TC100 interests, and recommended TC100 secretary to submit its summary to MSB as the official response of TC100.

5.2 (6) Smart TV

Models of service pattern for Smart TV --- (H. Zhang) 100/AGS536

This agenda item was added just before the AGS meeting by Chinese NC, and the document 100/AGS536 was input. This title is the modeling of Smart TV service pattern, however, the content included broad range such as digital signage, AGS recommended to ask this document to TA1 which handles Smart TV, and recommended to investigate the alignment with existing Smart TV.

6 Related activities

6.1 Technical discussions for liaison ship

(1) Current DVB activities relevant to IEC TC 100 --- (D. Westerkamp) 100/AGS525

Because Mr. D. Westerkamp couldn't attend this AGS meeting by conflict with other meeting, TC100 secretary requested him to prepare the document for updating DVB activity. Mr. Ezaki read the document 100/AGS525 on behalf of Mr. Westerkamp. AGS recommended Mr. Westerkamp to keep updating DVB activities to AGS.

6.2 ITU-T, JTC 1 and TC 100 collaboration

(1) Report of 5th Ad-Hoc, TC 100 High-Level meeting --- (T. Ezaki) 100/AGS519

(2) Requirements for standardization on IPTV terminals --- (T. Ezaki) 100/AGS519

(3) Collaborations among ITU-T, ISO/IEC JTC 1 and IEC TC 100 --- (D. Felland) 100/AGS537

Mr. Ezaki and Mr. D. Felland reported the summary of 5th Ad-hoc TC100 High-Level meeting among ITU-T, JTC1 and TC100. Following to the proposal shown in the document 100/AGS519, AGS recommended ITU-T to propose Requirements for standardization on IPTV terminals to TC100 as NP.

Mr. D. Felland proposed the matrix for avoiding the overlap among ITU-T, JTC1 and TC100, AGS recommended to establish sub-group PONT (Productive Overlap Net Team), and recommended Mr. Felland to develop the collaboration matrix.

6.3 Encouraging AGS member to enhance participation in AGS activities

(1) Proposal by TC 100 secretary and assistant secretaries --- (TC 100 secretary and assistant secretaries) 100/AGS527

Following to the proposal from TC100 Chairman at last AGS meeting about the necessity of improving the attendance to AGS meeting, TC100 secretary was expected to respond. The document 100/AGS/527 was prepared by TC100 secretary about attendee list since 2011. AGS recommended TC100 secretary to ask the parent organization which not well attending member belonged for asking to resolve this situation.

7. Review of recommendations and agreed action items --- 100/AGS540

Recommendations and agreed action items, the 33rd meeting of the TC100/AGS on Wednesday, 5 Jun. 2013

1. AGS notes that Ms. Alayne Bell was appointed as a member of AGS, and thanks Ms. Shazia McGeehan for her contributions to AGS.
2. AGS accepts Mr. Fairhurst's proposal for work on new topics on 3D terminology/quality and UHD issues and requests him to hold adhoc meeting for international discussion on the topics.
3. AGS thanks MS. J. Laurila for her report of SMB SG5 activities and requests her to report on SG5 progress and results to the next AGS meeting.
4. AGS requests SS2 to progress its action plans in the stage 0 project to develop the TR of AAL.
5. AGS recommends the German NC to submit the text of universAAL framework for user interaction in AAL Spaces using the PAS procedure.
6. AGS recommends AGM to create a stage 0 project for developing a TR on conceptual model of standardization for multimedia car systems and equipment, and for considering the development of other related standards, e.g., video data recorder, information services for car, and etc., and establish liaison with related organizations.
7. AGS requests Mr. T. Inokuchi to continue to investigate multimedia robotic systems for clarifying the potential TC100 standardization items, and asks him to report progress to the next meeting.
8. AGS thanks Mr. T. Inokuchi for the overview of the study sessions; it is clear study sessions are an effective tool for exploring new areas.
9. AGS requests Mr. H. Ohtaka to continue to provide updated information on SMPTE digital cinema activities.
10. AGS understands that the visible light beacon system was standardized and implemented in Japan and recommends the Japanese NC to provide an NP/CDV simultaneous submission of the topic for balloting after the review by AGM.
11. AGS recommends that the document 100/AGS539 and draft specification should be forwarded to GMT requesting consultation on the development of an international standard on this topic.
12. AGS requests to establish SS6 on multimedia user interface to clarify the TC100 standardization issues on the topic and appoints Mr. T. Ezaki as a tentative leader of the SS6.
13. AGS thanks Mr. A. Mason for his presentation on document 100/AGS531(Tech Doc 3344), and Tech Doc 3344 will now be circulated to the AGS. In addition the AGS notes the category A liaison with EBU.
14. AGS recommends Dr. Grajski and Dr. Lim to prepare response on TC100 interests in the future wireless power transfer, and TC100 Secretary to forward it to MSB.
15. AGS recommends the document 100/AGS536 should, at first, be forwarded to TA1 requesting harmonization with existing TA1 and TA1 smart TV project.
16. AGS thanks Mr. D. Westerkamp for his report on DVB activities relevant to IEC TC 100 and requests him to report updated information on DVB to each meeting.
17. AGS thanks Mr. T. Ezaki and Mr. D. Felland for their report on Ad-Hoc TC 100 High-Level meeting.
18. AGS requests Mr. D. Felland to establish a subgroup PONT (Productive Overlap Net Team) for drafting a collaboration matrix.
19. AGS requests that ITU-T (Dr. Kawamori) in consultation with Mr. Kinoshita, TA 8 expert, draft an NP on requirements for standardization on IPTV terminals for submission to IEC TC 100.
20. AGS requests TC100 secretary to contact with the AGS area nominating organizations to ensure members can attend meetings, and to discuss some dispositions including a member change if necessary.
21. AGS expresses its appreciation to UK National Committee 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: Sep. 23rd, 2013
Location: Shenzhen, China

10. Other business

Nothing

11. Closing

Meeting was adjourned at 16:00 by Chairman.