INTERNATIONAL ELECTROTECHNICAL COMMISSION

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

ADVISORY GROUP on STRATEGY

Draft minutes of the 38th meeting of the **TC 100/AGS on Monday, 2015-10-05**
Meeting location:

  Victoria Olimp Hotel (Room; Barcelona)

  Pobediteley Avenue 103, Minsk, Minsk region, Belarus

Meeting time: 9.00 - 15.00

Attendees: total 35 attendees

[Members, 11 attendees]

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

Mr. Tadashi Ezaki JP, TC100 Secretary

Mr. Masatake Sakuma JP, TC100 Assistant Secretary

Ms. Volonica Lancaster, US CEA

Mr. Jon Fairhurst, US, TA12/TAM

Ms. Kate Grant, UK, TA16/TAM

Ms. Ulrike Haltrich, DE, Digital Europe, TA16/TS

Mr. Shin Eguchi, JP, TA14/TAM

Mr. Ock-Woo Nam, KR, TA15/ATS

Mr. Junichi Yoshio, JP TA11/TAM

Dr. Xiaoying Zhao, CN

 [Guests, 8 present (include 0 over phone)]

Mr. Matei Cocimarov, IEC CO

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

Mr. Kwang-Soon Choi, KR TA4/TS

Mr. Jukka Alve, FI, TA5/TS

Mr. Koji Tsukada, JP, TA6/TS

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

Mr. Yoshihisa Narui, JP, TA10/TS

Dr. Seung-Ok Lim, KR, TA15/TS

[Observers, 16 present]

Mr. Jongho Chong, KR

Mr. Mungwan Han, KR

Mr. Gen Ichimura, JP

Mr. Sung Hei Kim, KR

Mr. Lu Li, CN

Mr. Koichi Morioka, JP

Mr. Takashi Murakami, JP

Mr. Michael Dolan, US

Mr. Kazuhiko Oi, JP

Mr. Juyoung Park, KR

Mr. Motoharu Suda, JP

Mr. Li Wang

Mr. Yun-Jae Won, KR

Mr. Xiaona Wu, CN

Mr. Subing Zhang

Mr. Hong Zhang, CN

Draft Meeting minutes

1. Opening and reconfirmation of AGS scope   ---   *100/AGS233rev*

Chairman opened the meeting at 9:00 of 2015-10-05.

TC100 Secretary announces that TC100 Secretary acts as the secretary of AGS and that Mr. J. Fairhurst acts as acting chairman because AGS Secretary and TC100 chairman don't attend TC100 meetings in Minsk.

Also, TC100 Secretary reports that some TC100 members can't attend meeting because of VISA issue.

Chairman requested the roll call of attendees.

Chairman explains the scope of AGS by using document 100/AGS233er.

2. Approval of the agenda   ---   *100/AGS647*

Chairman reviewed the draft agenda, and approved without modification.

3. Review of the minutes of the last meeting   ---   *100/AGS646*

TC100 Secretary explained the draft minutes of Minsk meeting, and AGS agreed on it.

4. Membership of AGS
TC100 AGS Membership   ---   (T. Ezaki)   *100/AGS649*
Attendee list of the 37th TC 100 AGS meeting   ---   *100/AGS648*

Mr. Ezaki explained the latest AGS member list (100/AGS649) which reports the changes since last AGS meeting (Ms. Alayne Bell-> Ms. Veronica Lancaster, Mr. Hong Zhang --> Dr. Xiaoying Zhao).

Chairman requested Digital Europe to assign new AGS member as the replacement of Mr. Westerkamp.

5. New Technologies within the scope of TC 100

5.1 Follow-up of issues of 37th (or former) meeting
(1) Study Session 1 (3D and UHD technology)

- Report of SS1   ---   (H. Zhang and C. Lu)   *100/AGS667*
  - Mr. Zhang explained the market and standard situation of UHD TV technology.
- WD (NP attachment) of TS on UHD terminology   ---   (C. Lu)   *100/AGS650*
  - Mr. Lu explained the working draft of UHD terminology as recommended by last AGS meeting. Because the title of TS indicated the multi part configuration, there was a question about it. Mr. Lu answered that it was an editorial error.
  - Because the discussion in SS1 has not been enough though it took long time after establishment, Chairman proposed to close SS1 if there was no new issue within the scope of SS1 except TS of UHD terminology, or proposed to establish new Study Session if there is anything. Mr. Zhang expected to propose new topic by replacing the SS1 leader with Dr. Zhao.
  - AGS recommended the establishment of a stage 0 project for preparing an NP for TS on "UHD terminology".
  - AGS recommended SS 1 widen the international participation in the activity and notes the change of leadership to Dr. X. Zhao from Mr. Zhang.

(2) Study Session 5 (Multimedia equipment for road vehicles)

- Report of SS5 --- (J. Yoshio) *100/AGS655*
- DTR on conceptual model of standardization for multimedia car system --- (J. Yoshio) *100/AGS656*
- NP: multimedia systems and equipment - Drive monitor system --- (100/2532/NP) *100/AGS652*
- NP: Event video data recorder for road vehicle accidents --- (100/2565/NP) *100/AGS653*
- o Mr. Yoshio reported the result of SS5 (100/AGS655) that the NP document 100/2532/NP was already approved, that the final draft of DTR (100/AGS656) was explained, and that NP document 100/2565/NP was on NP voting process.
- o AGS recognized that the criteria for establishing new TA was sufficient, and AGS recommended SS 5 to clarify the scope of the new TA on "multimedia equipment and systems for road vehicles".

(3) Study Session 7 (Robotics technology)

- Report of SS7 --- (T. Inokuchi) *100/AGS660*
- Example of communication protocol for robotics --- (Y. Komachi) 100/AGS666
- o Because SS7 report (100/AGS660) showed only standardization item, for improving the understanding of SS7 activity among AGS member, Dr. Komachi explained document 100/AGS666 as the example of physical layer of communication protocol.
- o Me. Ezaki reported that there was no major progress in SMB/ACART (Application of Robot Technology (former SG 7)).
- o AGS recommended SS 7 to seek additional members and to study the standardization issues of robotics technology within the scope of TC 100, and work with TA16 on AAL relevant use cases

(4) Study Session 8 (Wearable systems and equipment)

- Report of SS8 and stage 0 project on use cases --- (U. Haltrich) *100/AGS658*
- Wearables User Comfort and Evaluation --- (U. Haltrich) *100/AGS659*
- Draft NP on hearing support systems and equipment --- (J. Yoshio) *100/AGS664*
- DTR on power supplying scheme for wearable systems and equipment --- (J. Yoshio) *100/AGS665*
- Report of SMB/SG 10 (Wearable Smart Devices) --- (T. Ezaki) *100/AGS662*
- o Ms. Haltrich reported SS8 activities (100/AGS658) in which the status of stage-0 project and SMB/SG10 (Wearable Smart Devices) were reported.
- o Regarding to SMB/SG10, Mr. Ezaki provided additional explanation by using 100/AGS662.

- o Ms. Haltrich proposed the necessity of NP about "user comfort and evaluation of smart textiles and wearables" (100/AGS659).
- o AGS recommended SS 8 continue collecting a variety of use cases for stage 0 project on "use cases of wearable systems" and to liaise with TA16 as appropriate.
- o AGS recommended SS 8 for establishing a stage 0 project to prepare an NP for "user comfort and evaluation of smart textiles and wearables".
- o AGS requested Mr. Ezaki to keep reporting about SMB/SG 10 activity to AGS, particularly the progress in its first meeting in November.
- o Mr. Yoshio explained NP preparation and DTR preparation which were recommended at last AGS meeting (100/AGS664 and 100/AGS665).
- o AGS recommended Japanese NC submit an NP for "hearing support function" after discussion with SS 8 experts.
- o AGS recommended Japanese NC submit a DTR on "power supplying scheme for wearable systems and equipment" after discussion with SS 8 experts.

(5) Study Session 9 (HDR technology)

- • DTR on measurement methods – High dynamic range video --- (J. Fairhurst) *100/AGS654*
- o Mr. Fairhurst reported the development of Draft Technical Report of measurement methods – High dynamic range video as the outcome of SS9.
- o AGS recommended SS 9 for submitting a DTR on "measurement method of high dynamic range video".

(6) Smart city

- • Report of SMB/SEG1, Smart cities --- (T. Ezaki) *100/AGS63*
- o Mr. Ezaki reported IEC SMB/SEG1 (smart city) (100/AGS663).
- o AGS requested TC 100 secretariat to nominate a representative to the SyC of "electrotechnical aspects of smart cities".

(7) Tiled display terminal

- • WD of Multi-screen LCD display system --- (C. Lu) Measuring methods of LCD splicing terminal --- (H. Zhang) 100/AGS628
- o By following previous AGS recommendation that TC100 secretaries shared working draft with TC110 for review, and that China NC submits NP after resolving all comments from TC110 by collaborating with TC100 secretaries, China NC explained the

content of NP.   There was a comment that the title of standard was not written though the title of each close was shown.

- o AGS recommended Chinese NC submit an NP on "multi-screen LCD display system" as this will complement work in TC110.

5.2 New contributions
(1)Extension of TR 61998

- • TC 100 positions to some new topics --- (J. Yoshio) *100/AGS657*
- o Mr. Yoshio proposed the necessity of investigation for standardization in TC100 regarding to cyber world application, such as Music or Video streaming service, Cloud application for AV/MM, Big data application for AV/MM, and Internet data service.
- o Mr. Yoshio proposed to establish new Study Session for investigating standardization item.
- o AGS recommended establishing a new SS 10 on multimedia cyber technology. AGS appoints Mr. J. Yoshio as the tentative leader of SS 10.

6. Related activities

6.1 ITU-T, JTC 1 and TC 100 collaboration

- o Mr. Ezaki reported there was no major progress since last AGS meeting.

6.2 Minimizing overlap of standardization

- o Mr. Ezaki reported there was no major progress since last AGS meeting.

6.3 Guideline for study sessions
(1) Final text of the guideline for managing study sessions --- (T. Inokuchi) *100/AGS661*

- o Mr. Ezaki explained the final document of the guideline for managing study sessions reflecting inputs from last AGS meeting.
- o AGS accepted the guideline for study sessions with additional outcome related to SMB strategic discussion.
- o AGS recommended AGS Secretary notifying this document to the SS leader at the beginning of a new study session.

7. Review of recommendations and agreed action items --- *100/AGS6xx*

1. AGS thanks Ms. Alayne Bell and Mr. Hong Zhang for their contributions to AGS and welcomes Ms. Veronica Lancasterand Dr. Xiaoying Zhao.
2. AGS requests Digital Europe to appoint a successor of Mr. D. Westerkamp.
3. AGS recommends the establishment of a stage 0 project for preparing an NP for TS on "UHD terminology".
4. AGS recommends SS 1 widen the international participation in the activity and notes the change of leadership to Dr. X. Zhao from Mr. H. Zhang.
5. AGS considers the planned activities of SS 5 are sufficient to support a new TA and recommends SS 5 to clarify the scope of the new TA on "multimedia equipment and systems for road vehicles".
6. AGS thanks SS 7 for its report and recommends SS 7 to seek additional members and to study the standardization issues of robotics technology within the scope of TC 100, and work with TA16 on AAL relevant use cases.
7. AGS recommends SS 8 continue collecting a variety of use cases for stage 0 project on "use cases of wearable systems" and to liaise with TA16 as appropriate.
8. AGS recommends SS 8 establish a stage 0 project to prepare an NP for "user comfort and evaluation of smart textiles and wearables".
9. AGS recommends Japanese NC submit an NP for "hearing support function" after discussion with SS 8 experts.
10. AGS recommends Japanese NC submit a DTR on "power supplying scheme for wearable systems and equipment" after discussion with SS 8 experts.
11. AGS thanks Mr. Ezaki for his report on SMB/SG 10 and requests him to report on SMB/SG 10 activity and particularly the progress in its first meeting in November.
12. AGS recommends SS 9 submit a DTR on "measurement method of high dynamic range video".
13. AGS thanks Mr. Ezaki for his report on SMB/SEG 1 and requests TC 100 secretariat to nominate a representative to the SyC of "electrotechnical aspects of smart cities".
14. AGS recommends Chinese NC submit an NP on "multi-screen LCD display system" as this will complement work in TC110.
15. AGS identify the importance of proposed topics in 100/AGS657 and recommends to establish a new SS 10 on multimedia cyber technology. AGS appoints Mr. J. Yoshio as the tentative leader of SS 10.
16. AGS accepts the guideline for study sessions with additional outcome related to SMB strategic discussion and recommends AGS secretary notify it to the SS leader at the beginning of a new SS.
17. AGS expresses its appreciation to Belarus National Committee for handling arrangements of the AGS meeting and providing excellent facilities and refreshments.

8. Meeting schedule

TC100 Secretary explained the next meeting.

Date: 2016-5-24

Location: Vienna, Austria

9. Other business

None

10. Closing

The chairman closed the meeting at 15:00.