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SMB/7425/DL

2021-10-03

INTERNATIONAL ELECTROTECHNICAL COMMISSION

STANDARDIZATION MANAGEMENT BOARD

SUBJECT

Decisions taken at SMB meeting 172 held in Dubai (AE) and virtually on 2021-10-02/03

SMB Decision 172/1 – Revised SMB agenda

SMB approved the revised agenda as amended and given in document SMB/7390B/DA.

SMB Decision 172/2 – TC/SC/SyC reports and SBPs

SMB, by consent:

- approved 15 reports, including SBPs, from TC/SC/SyCs, listed in Annex A of the decision list; and
- expressed appreciation to the Chairs and Secretaries of all the TC/SC/SyCs for the reports submitted.

Comments made by SMB members during the comment/approval process have been submitted directly to the TC/SC/SyCs concerned.

SMB Decision 172/3 – ahG 89 *Review of standards development process*

SMB thanked Florian Spittler for his update on the ongoing work of ahG 89 and confirmed the extension for the submission of the final ahG 89 report to SMB meeting 173 in February 2022.

SMB thanked the IEC community for the very high response rate to the ahG 89 questionnaire.

SMB Decision 172/4 – ahG 91 *IEC Strategic Plan and Operational Plan*

SMB thanked Jo Cops, Vimal Mahendru and Han Xiao for providing an update on the activities of the Strategic Planning Task Force (SPTF) and on the work carried out by ahG 91.

SMB looks forward to the progress being made on the development of the IEC Strategic Plan and Operational Plans.

SMB Decision 172/5 – Mapping Platform

SMB noted that all recommendations from the Mapping Platform final report had been approved. SMB acknowledged that the framework encouraged to be used in rule 5 in section 3.1 of the report was not yet available and could not be formally approved.

SMB requested Central Office to set up a project to finalize at least three mappings from different TC/SC/SyCs (including the Smart Grid Map of SyC Smart Energy), collect feedback (including on training) and best practices and report back to SMB by June 2022.

Furthermore, SMB requested Central Office (and in particular Technical Officers) to undertake promotional activities, organize the webinar recommended in the final report to broaden the use of the tool across the IEC community, and investigate (e.g. with NRG and SAG) how to develop new business opportunities from the Mapping Platform as part of the project.

Regarding future evolutions of the Mapping Platform and the corresponding set of rules, SMB asked SG 12 to identify the needs for and monitor further developments, with appropriate support from Central Office. Specific attention should be taken on how to integrate the Mapping Platform with the overall SMART Standards Concept and the outcome of the DBRG (Database Reference Group).

SMB thanked Christian Gabriel for successfully leading this initiative.

SMB Decision 172/6 – SEG 10 *Ethics in Autonomous and Artificial Intelligence Applications*

SMB noted that the proposal from SEG 10 for the revised scope of a new Advisory Committee on Ethics in Standards (ACES) had not been approved.

SMB therefore decided not to establish a new Advisory Committee at this point in time.

Noting that CAB will discuss the topic of ethically questionable products at its October 2021 meeting, SMB decided to seek alignment with CAB on the subject of ethics in standardization and conformity assessment. SMB asked the secretariats of both boards to explore options to set up such a collaboration, including the creation of a Joint Task Force.

SMB will revisit options to address the topic of ethics in standards at SMB meeting 174 in June 2022.

SMB thanked SEG 10 for the work accomplished and disbanded it.

SMB Decision 172/7 – SEG 11 *Future Sustainable Transportation*

SMB noted that the recommendation from SEG 11 to propose the establishment of a new SyC on Integration of Transportation and Energy (ITE) had not been approved.

To address the need for further activities in this area, SMB extended the lifetime of SEG 11 and requested SEG 11 to work with relevant SyCs and TCs to propose other solutions than a new SyC on ITE to position the IEC in the area of sustainable transportation and report back at SMB meeting 173 in February 2022.

SMB further asked TC 9, TC 18, TC 69 and TC 97 to report on their existing or foreseen activities in the field of ITE access standards.

SMB also requested Central Office to publish the “Report on IEC standardization prospective for future sustainable transportation” as a publicly available IEC document.

SMB Decision 172/8 – Proposal from the Chinese NC for a SEG on standardization for electrical equipment under extreme climate, environmental and disaster conditions

SMB set up SEG 13, *Electrical equipment under extreme climate, environmental and disaster conditions*, to evaluate the potential for standardization activities addressing electrical infrastructure for power generation, transmission, distribution and relevant utility-scale energy storage systems ending at the utility meter under extreme climate, environmental and disaster conditions. The tasks of the SEG include the following:

- Investigate needs for standardization based on research progress and technical needs throughout the globe.
- Evaluate technical capabilities and applications in this field.

- Use the systems approach for combining resilience of infrastructure and equipment.
- Engage with TC/SC/SyCs as well as with other organizations, including ISO, to review relevant existing standards inside and outside IEC.
- Analyse any standardization gaps within IEC.
- Make recommendations to SMB as appropriate.

Convenor: TBD

SMB Decision 172/9 – Report from the Standardization Division

SMB thanked Pierre Sebellin for his update on the technical work of the Standardization Division.

SMB Decision 172/10 – Systems Committee secretariats

SMB decided that by default SyC secretariats will remain allocated to Central Office. To leave additional flexibility to SyCs, SMB confirmed that, once set up and at any time of its existence, a SyC could seek approval from SMB to start the process to allocate its secretariat to a National Committee. The allocation of the secretariat in this case shall follow the same procedure as that used for TCs.

SMB Decision 172/11 – Copyright and licensing issues (TC 57)

As a follow up from the TC 57 presentation and the issues that were raised at SMB meeting 171, SMB set up ahG 92, *Impact of copyright and licensing on future IEC standardization*, with the following scope:

- Investigate the consequences of a changing environment (e.g. machine readable standards, open source trends, other SDO and consortia activities) on the IEC copyright policy and the distribution and licensing of code components and other digital artifacts.
- Identify opportunities and gaps from TC/SC/SyCs (specifically those presented by TC 57) and best practices from other organizations.
- Support Central Office in developing guidance on the current application of the IEC copyright policy, licensing, and processes for handling code components and other digital artifacts in the standardization work.
- Propose SMB positions with regards to the distribution and licensing of code components and other digital artifacts and refer any legal and commercial matters, including copyright, licensing, and open source, to relevant bodies within the IEC.
- Recommend appropriate actions to SMB.

The ahG should seek participation of TC 57, Central Office Legal Officer, and other relevant IEC groups (e.g. SG 12, SAG, CB TF SMART).

SMB requested ahG 92 to provide its final report at SMB meeting 174 in June 2022.

Convenor: Willem Wolf (NL)

Members: AT, AU, CA, CN, DE, ES, FR, GB, IN, IT, JP, KR, SE, US

SMB Decision 172/12 – Central Office and Council Board (CB)

SMB thanked Philippe Metzger for his update on Central Office and Council Board activities.

SMB noted with interest that the mandate and composition of the new Task Force on SMART Standardization and Conformity Assessment had been approved by Council Board and looks forward to contributing to this activity through SG 12.

SMB Decision 172/13 – Global Relevance Toolbox (GRT)

SMB thanked Michael Teigeler for leading the Masterplan Implementation (MPI) NC WG 3 on the use of the Global Relevance Toolbox (GRT) in technical procedures.

SMB noted that all recommendations from the WG had been approved and agreed on the importance of the topic for the IEC technical work.

In order to support the implementation of the recommendations, SMB set up ahG 93, *Use of Global Relevance Toolbox in technical procedures*, with the following scope:

- Develop a guidance document on the GRT as outlined in the final report of MPI NC WG 3.
- Support Central Office in implementing the GRT in technical processes (e.g. through standards development platform).
- Engage with ISO to align approaches on the issue of global relevance.
- Propose recommendations for potential inclusions in the Directives.

SMB requested ahG 93 to provide its final report at SMB meeting 175 in October 2022.

Convenor: Michael Teigeler (DE)

Members: CN, DE, ES, FR, IN, IT, JP, KR, SE, US

SMB Decision 172/14 – ISO/TMB

SMB thanked Sauw Kook Choy for providing an update on ISO activities and looks forward to continuing the excellent collaboration with ISO and the TMB, in particular on matters such as the strategic partnership between SMB and TMB and the future development of SMART standards.

The recipients of the Thomas A. Edison Award 2021 were announced:

- Mr Jeroen van Dam, Chair TC 88
- Prof Martin Doppelbauer, Chair TC 2
- Dr Hideki Hayashi, Secretary TC 120
- Mr Karl Hiereth, Chair TC 121 & SC 121A

DATE AND PLACE OF NEXT MEETINGS

2022

2022-02-21/22 – Monday, Tuesday (hybrid; CH and virtual)

2022-06-13 – Monday CAG meeting (Geneva, CH)

2022-06-14 – Tuesday (Geneva, CH)

2022-10-29 – Saturday CAG meeting (San Francisco, US)

2022-10-31 – Monday (San Francisco, US)

2023

2023-02-20 – Monday, CAG meeting (location tbc)

2023-02-21 – Tuesday (location tbc)

2023-06-11 – Sunday CAG meeting (Geneva, CH)

2023-06-12 – Monday (Geneva, CH)

2023-10-20 – Friday CAG meeting (Sharm-el-Sheik, EG)

2023-10-22 – Sunday (Sharm-el-Sheik, EG)

Annex A to SMB Decision 172/2

SMB approved the reports listed below:

Document	TC/SC
SMB/7344/R	TC 88
SMB/7346/R	TC 97
SMB/7350/R	TC 10
SMB/7351/R	TC 8
SMB/7352/R	TC 123
SMB/7359/R	TC 13
SMB/7361/R	TC 2
SMB/7372/R	TC 36 & SC 36A
SMB/7373/R	TC 61 & SCs 61B, 61C, 61J
SMB/7401/R	SyC Smart Cities
SMB/7402/R	SyC Smart Manufacturing
SMB/7403/R	TC 3
SMB/7407/R	TC 69
SMB/7408/R	TC 44
SMB/7419/R	TC 78