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SMB/7550/DL

2022-02-22

## INTERNATIONAL ELECTROTECHNICAL COMMISSION

### STANDARDIZATION MANAGEMENT BOARD

#### SUBJECT

Decisions taken at SMB meeting 173 held in hybrid mode from Geneva (CH) on 2022-02-21/22

#### **SMB Decision 173/1 – Revised SMB agenda**

SMB approved the revised agenda as amended and given in document SMB/7500B/DA.

#### **SMB Decision 173/2 – TC/SC/SyC reports and SBPs**

SMB, by consent:

- approved 48 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 173/3 – ahG 89 *Review of standards development process***

SMB thanked Florian Spittler for his update on the work done by ahG 89.

SMB noted that all recommendations from ahG 89 had been approved and instructed the IEC Secretariat to follow up on the development of the best practice guidance on project handling and project management and its related training programme, as well as on raising awareness on the use of fragments as described in the ahG 89 report and in line with the outcome of the DMT discussion.

SMB asked the DMT to propose amendments to the Directives to ensure that fragments can be used for new projects and not only in the maintenance phase.

Additionally, SMB requested SG 12 (e.g. TF 1) to take into consideration the findings of ahG 89 concerning new ways of working, flexibility mechanisms for maintenance projects, and database procedures.

SMB noted the recommendation 7 to revisit the item on the translation period and will review this matter in SMB 176 in February 2023.

SMB thanked ahG 89 and the participating TC/SC/SyCs for the work accomplished and disbanded it.

### **SMB Decision 173/4 – ahG 91 IEC Strategic Plan and Operational Plan**

SMB thanked Vimal Mahendru for providing an update on the activities of the Strategic Planning Task Force (SPTF) and on the SMB Operational Plan developed by ahG 91.

SMB encouraged ahG 91 to reconsider SMB activities for an all-electric and connected society at its next meetings.

SMB looks forward to the guidance of ahG 91 in monitoring and reporting on the implementation of the SMB Operational Plan.

### **SMB Decision 173/5 – ahG 94 Product carbon footprint data for the electrotechnical sector**

SMB set up ahG 94 *Product carbon footprint data for the electrotechnical sector* to evaluate the potential for standardization activities addressing Product Carbon Footprint (PCF) evaluation and documentation in digital format. The task of the ahG includes the following:

- Start with the ZVEI Showcase and collect and examine similar pilots or examples from IEC areas.
- Provide general recommendations at the technical level on how to rollout PCF in IEC, including:
  - Providing a proposal for organizing the work in IEC.
  - Extracting guidance from the examples for the implementation of PCF.
  - Proposing a connection to digital management with IEC (and other) standards.

The ahG is asked to reach out to ACEA, ACEE, SC 3D and TC 111 (amongst others), CAB, MSB, and ISO/TMB and invite them to nominate members to the group.

SMB requested ahG 94 to provide an intermediate report at SMB meeting 174 in June 2022 and its final report at SMB meeting 175 in October 2022.

Convenor: Oscar Querol (ES)

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

### **SMB Decision 173/6 – SG 12 Digital Transformation and Systems Approach**

SMB thanked Oliver Hateley for his presentation on the work done by SG 12.

SMB recommended a good communication to all stakeholders of SG 12.

SMB noted that the two recommendations from SG 12 had been approved and instructed SG 12 to proceed with the development of a freely available guide for Use Case Methodology and associated tools.

SMB further allocated the responsibility for the development of methods and tools on use case management to SG 12.

### **SMB Decision 173/7 – SEG 11 Future Sustainable Transportation**

SMB noted that the recommendation to establish a new SyC on Sustainable Electrified Transportation (SET) had been approved, with the following initial scope:

- Address systems level standardization in the area of sustainability of electric transportation.
- Offer wider opportunities to cope with this increasing market and the immense pace of upcoming changes around sustainable transportation.
- Help leverage the IEC and its visibility as a major contributor to the standardization in the transportation sector, which is witnessing an unprecedented electrification, while attracting cross sector top level experts to join the IEC work.

SMB agreed with the initial programme of work provided in Section 3 of the report and asked the IEC Secretariat to circulate the proposal for the new SyC for approval by the IEC National Committees.

The SyC is asked to address the comments made about potential overlaps with existing TC/SC/SyCs.

SMB thanked SEG 11 for its work and agreed for it to be disbanded once the SyC holds its first meeting.

#### **SMB Decision 173/8 – Proposal from the Korean NC for a SEG on *Quantum technologies***

SMB set up SEG 14, *Quantum technologies*, to explore standardization opportunities in the area of quantum technologies. The tasks of the SEG include the following:

- Investigate needs for standardization in the area of quantum technologies.
- Evaluate technical capabilities and applications in this field.
- Investigate current research and technology activities.
- Propose a roadmap for standardization in the area of quantum technologies.
- Engage with TC/SC/SyCs, including JTC 1, as well as with ISO and other market and policy-relevant organizations.
- Make recommendations to SMB as appropriate.

Members of JTC 1 and ISO are invited to participate in the SEG.

Convenor: KR

#### **SMB Decision 173/9 – Proposal from the German NC for a new PC on *Decentralized energy trading infrastructure***

SMB acknowledged the interest of SyC Smart Energy to host this activity and recommended the establishment of a WG under SyC Smart Energy to initiate the work on distributed energy trading infrastructure.

SMB also noted the need to develop an International Standard on distributed energy trading infrastructure and will accordingly consider an exceptional publication of such a deliverable once a request will be received from SyC Smart Energy.

#### **SMB Decision 173/10 – Proposal from the Chinese NC for a new PC on *Cold storage equipment for medical use***

SMB noted that the proposer was expecting additional feedback from SC 59M, SC 61C, SC 62A and TC 66, and therefore postponed the decision until these inputs have been received.

#### **SMB Decision 173/11 – TC/SC/SyC statistics**

SMB noted the update from Pierre Sebellin on the TC/SC/SyC statistics. In the absence of the required TC feedback the decision on the identified TC/SCs will be postponed to the next SMB meeting.

SC 61D is requested to provide feedback to the IEC Secretariat without further delay.

#### **SMB Decision 173/12 – Report from the Standardization Division**

SMB thanked Pierre Sebellin for his update on the technical work of the Standardization Division and for presenting the 2021 statistics on IEC standardization projects.

SMB noted with satisfaction that:

- the number of publications remained within the range of previous years;
- the number of NPs was at the highest level compared to the last 10 years;
- and that the average development time decreased by 3 months.

SMB expressed its gratitude to TC/SC/SyCs and their experts who contributed to these positive figures thanks to their hard work.

#### **SMB Decision 173/13 – TCs not submitting reports within 4 weeks of their meeting**

SMB noted that TC 113 had failed to submit its report (RSMB) on time and invited the National Committee holding the secretariat (DE) to investigate.

#### **SMB Decision 173/14 – Guidance on inclusive terminology**

SMB agreed on the importance of developing guidance on inclusive terminology jointly with ISO and asked ISO/TMB to consider the proposal of initiating joint work in this field.

Leveraging existing expertise in both organizations, SMB recommended the establishment of a JWG between TC 1 and ISO/TC 37 to develop this guidance material.

SMB therefore asked its Secretariat to bring this request to the TMB Secretariat for consideration by the ISO/TMB.

#### **SMB Decision 173/15 – IEC Secretariat (SEC) and IEC Board (IB)**

SMB thanked Philippe Metzger for his update on the latest IEC Secretariat and IEC Board activities, including the new governance which is in place since January 2022.

SMB noted with satisfaction the progress being made in establishing a collaboration framework with ISO on SMART standardization and conformity assessment.

#### **SMB Decision 173/16 – ISO/TMB**

SMB thanked Marco Rossi for providing an update on ISO activities and expressed satisfaction in the excellent collaboration and the several joint activities with ISO and the TMB.

SMB also looks forward to the next SMB/TMB meeting that will take place in Geneva on 15 June 2022.

## DATE AND PLACE OF NEXT MEETINGS

### 2022

2022-06-13/14 – Monday, Tuesday (Geneva, CH, *to be confirmed*)

2022-06-15 – Wednesday, Joint SMB/TMB meeting (Geneva, CH)

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

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

### 2023

2023-02-xx – Monday, CAG meeting (Jeju Island, KR) *date to be confirmed*

2023-02-xx – Tuesday (Jeju Island, KR) *date to be confirmed*

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 173/2****SMB approved the reports listed below:**

<b>Document</b>	<b>Committee</b>
SMB/7423/R	SC 37A
SMB/7424/R	TC 90
SMB/7429/R	SyC COMM
SMB/7431/R	TC 101
SMB/7435/R	TC 119
SMB/7438/R	TC 94
SMB/7440/R	TC 42
SMB/7448/R	TC 99
SMB/7450/R	TC 48 and SCs 48B, 48D
SMB/7452/R	TC 100
SMB/7456/R	TC 66
SMB/7460/R	TC 124
SMB/7461/R	TC 115
SMB/7466/R	TC 34 and SCs 34A, 34B, 34C, 34D
SMB/7468/R	TC 125
SMB/7469/R	TC 110
SMB/7471/R	TC 31 and SCs 31G, 31J, 31M
SMB/7472/R	TC 129
SMB/7474/R	PC 127
SMB/7475/R	TC 107
SMB/7477/R	SyC AAL
SMB/7481/R	TC 91
SMB/7482/R	TC 112
SMB/7484/R	TC 51
SMB/7486/R	TC 105
SMB/7487/R	TC 77 and SCs 77A, 77B, 77C
SMB/7488/R	TC 9
SMB/7491/R	TC 40
SMB/7492/R	TC 49
SMB/7493/R	PC 126
SMB/7495/R	TC 29
SMB/7497/R	TC 122
SMB/7501/R	TC 17 and SCs 17A, 17C
SMB/7502/R	TC 117
SMB/7505/R	TC 15
SMB/7506/R	TC 61 and SCs 61B, 61C, 61D, 61H, 61J
SMB/7511/R	TC 120
SMB/7516/R	TC 86
SMB/7517/R	CISPR and CIS/A, CIS/B, CIS/D, CIS/F, CIS/H CIS/I
SMB/7518/R	TC 47 and SCs 47A, 47D, 47E, 47F
SMB/7519/R	TC 38
SMB/7520/R	TC 57
SMB/7523/R	SyC Smart Energy
SMB/7531/R	TC 20
SMB/7532/R	TC 82
SMB/7534/SBP	TC 114
SMB/7535/SBP	TC 15
SMB/7536/R	SyC LVDC