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C/1921/R

2015-10-15

INTERNATIONAL ELECTROTECHNICAL COMMISSION

COUNCIL

SUBJECT

Agenda item 7

Report to Council from the Council Board (CB) following its meeting in Minsk on 2015-10-14

BACKGROUND

No decisions were taken by correspondence since the 18 June 2015 CB meeting. The decisions taken at the 40th CB meeting, held on 14 October 2015 in Minsk, are given in annex.

The complete reports of the Standardization Management Board (SMB, **Attachment 1**), the Conformity Assessment Board (CAB, **Attachment 2**) and the Market Strategy Board (MSB, **Attachment 3**) are attached to this report from the Council Board (CB) as submitted to and endorsed by the CB.

Additional information is provided below on matters addressed by the CB in Minsk:

IEC Sales Policy

Following the CB decision in June 2015 regarding adoption principles, the Council Board discussed the proposed revisions to the IEC Sales Policy. CB members suggested some changes, including to state clearly that National Committees were fully entitled to set their own prices for IEC publications, and requested that a revised version be circulated for CB approval by correspondence once the comments had been taken into account.

IEC governance

The Council Board recalled that in January 2012, Council approved amendments to the Rules of Procedure to disallow elected or appointed members and alternates from simultaneously being members or alternates of more than one IEC management body and to set out essential selection criteria for members of each Board. In view of the ongoing review of IEC governance as part of the 2011 Masterplan implementation, the Council Board supported a recommendation from the ExCo to further mitigate potential conflicts of interest and conflicts of loyalty in the Commission's management structure by disallowing IEC Management Board members to sit simultaneously on a management committee of another International Standards setting organization. The CB recommended that it be decided on a case-by-case basis whether there is a potential conflict of interest or loyalty.

Governance structure for IEC Conformity Assessment

The CB members noted the final update of the CAB special task force (STF) that had been tasked to implement several aspects of the new IEC CA governance, in accordance with the request from CB (as outlined in document **C/1867/DV**). The STF had focused on developing a plan for business development and business watch as well as on how to enhance awareness among regulators of the advantages of the IEC CA Systems. Its work had been transferred to relevant working groups within the CAB and the STF had been disbanded. The CB members recalled that one of the core objectives of the new governance structure was to enhance the involvement of end-users of CA services, and particularly industry, in the management of the IEC CA services.

IEC standards development and business platform

The CB discussed the vision for the IEC standards development and business platform, stressing their support for the investment in new IT tools. They noted that the intention of the platform would be to provide an integrated toolset for collaborative online content development, project management, structured data (XML) storage and distribution, in addition to enabling new ways of publishing and selling standards and standards-related publications. The General Secretary updated on the progress, explaining that the first pilot project, known as the IEC Online Collections, had focused on the publication side of the platform. In terms of next steps, the intention was to streamline back-office tools to enhance efficiencies in the workflow management of the entire standards production chain. The General Secretary confirmed that once developed, the platform would be made available free of cost to the entire IEC community.

Future IEC Masterplan

The CB noted that the President would start the consultation process for a future edition (sixth) of the IEC Masterplan in early 2016, with a view to seeking Council's approval of the Commission's new long-term strategy in 2017.

Copyright and IP

The General Secretary advised that as part of the efforts to strengthen IEC copyright and Intellectual Property (IP) protection and in accordance with legal advice, he was currently investigating the options to secure the formal transfer of IP from experts to the IEC, via the National Committees. The CB concurred that it was essential for the Commission to fully secure and protect its IP and copyright, particularly in the context of the growing number of requests for standards to be available free of cost, in order to secure the continuation of NC and IEC revenue streams.

World Smart Cities Forum

The Council Board fully supported the IEC initiative to host the World Smart Cities Forum, which would build awareness about the benefits of International Standards and provide an opportunity for the standardization organizations to develop a framework for the division of work in this field to avoid duplication of effort and present a clear situation to the marketplace. The General Secretary advised that the Forum would take place on 13 and 14 July 2016 in Singapore, the second day would be a closed event for the standardization organizations. Both ISO and ITU had accepted the IEC's invitation to join the Forum's organizing committee.

Relations with ISO and ITU

Council Board was pleased to note that collaboration between the IEC and ISO continued to function well at operational and managerial levels, including joint groups working on specific technical issues; joint events and representation of both organizations by a single Officer or senior staff member at others.

Regarding ITU, the General Secretary was working closely with the ITU-T Director to address some areas of overlap that had been identified in the fields of mobile phone and laptop chargers, batteries, and environmental issues. He hoped that ITU-T would support the establishment of mechanisms to avoid duplication of work in the future and encouraged National Committees to reach out to their ITU-counterparts to enhance coordination at national level.

ACTION

The Council Board report on its 14 October 2015 Minsk meeting, given in document **C/1921/R**, is submitted to Council.

Annex: CB decisions
Attachments (3)

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CB DECISION 2015/012

IEC Governance

In view of the ongoing review of IEC governance as part of the 2011 Masterplan implementation, the Council Board supported the proposal to disallow IEC management Board members and alternates to sit simultaneously on a management committee of another International Standards setting organization in order to avoid potential conflicts of interest or loyalty. The ExCo shall decide on a case-by-case basis whether there is a potential conflict of interest or loyalty.

CB DECISION 2015/013

IEC CA governance structure

The Council Board noted the progress of the Conformity Assessment Board (CAB) activities related to the implementation of the new IEC CA governance structure. Recalling that one of the core goals was to enhance the involvement of end-users of CA services, and particularly industry, the Council Board requested the CAB to:

- review the stakeholder participation in each CA System and report to CB on its activities to enhance industry involvement at the June 2016 meeting;
- mandate the CA Systems to establish common mechanisms (for approval by the CAB) to monitor and support full representation of national interests within their Member Bodies, in accordance with the original CB request to the CAB (as outlined in document **C/1867/DV**); and
- achieve a common governance structure with a form of executive committee for each CA System. Minor differences in the composition of the executive committee should be allowed to respond to the needs of the individual CA Systems.

CB DECISION 2015/014

IEC working language

The Council Board supported the proposal from the Standardization Management Board (SMB) to amend to Clause 20 of the IEC Rules of Procedure to require the designation of a definitive language of development for each publication. The Council Board also confirmed that amendments should be proposed to clarify that IEC International Standards may be published in any of the official languages but that English shall be the only language for all IEC meetings.

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CB/771A/R

2015-10-14

INTERNATIONAL ELECTROTECHNICAL COMMISSION**COUNCIL BOARD****SUBJECT**

Report to Council Board from the Standardization Management Board meeting 154, held in Minsk, Belarus, on 2015-10-12

BACKGROUND

The list of decisions, 35 in total, including annexes, taken at SMB meeting 154 is attached as annex to this document. *This version includes the revised decision list taken at SMB meeting 154.*

The attention of Council Board is drawn to the following SMB decisions: SMB 154/3, SMB 154/4, SMB 154/6, SMB/154/7, SMB/154/9-17, SMB/154/20, SMB/154/22, SMB/154/31, and SMB 154/34.

The next SMB meeting will take place in Geneva, Switzerland, on Tuesday, 2016-02-23.

ACTION

The report on the SMB meeting given in annex to document CB/771A/R is submitted to the Council Board (CB).

CB is invited to discuss the content of item 1.8 on Languages (Decision SMB/154/11), as this concerns the Statutes and Rules of Procedure.

Annexes

1 GENERAL ISSUES OF TECHNICAL POLICY AND MANAGEMENT

1.1 Meeting of the SMB/CAG (Chairman's Advisory Group)

A meeting of the SMB/CAG took place the day before the SMB meeting with most members and alternates taking part. The meeting discussed:

- Joint workshop with ISO on project management
- Disruptive technologies
- Future of SEG 5, Electrotechnology for mobility
- Motivation statements
- Report from ahg 58, Project management

1.2 SMB/CAG proposal concerning joint workshop on project management

SMB agreed to the principle of a joint workshop with ISO on project management, looking at best practices and proposing metrics for performance measurement
(SMB Decision 154/3)

1.3 SMB/CAG proposal concerning Disruptive technologies

SMB set up an ahg to investigate the role of disruptive technologies in IEC work, with an initial emphasis on healthcare and report on how these may affect the work of more traditional TCs.

(SMB Decision 154/4)

1.5 SEG 1 Smart Cities

SEG 1 made a proposal for a new SyC (Systems Committee) on Smart Cities, which has been approved by SMB and is currently out for vote to all National Committees (C/1925/DV), together with a call for nominations for a chair.

(SMB Decision 154/6)

1.6 SEG 5 Electrotechnology for mobility

As a result of the difficulty in recruiting participants and a convenor, SMB decided to transfer the work to the SyC Smart Energy, though asking this latter to maintain a focus of activity in the field of mobility.

(SMB Decision 154/7)

1.7 ahG 58 – Standardization Project Management

SMB reviewed the report and recommendations made by ahg 58, Standardization Project Management. The intent of the changes proposed by this ahg is to shift the metrics from timing projects using fixed gates, regardless of size or complexity, to stakeholder defined project milestones. Going forward, stakeholders will be held to deliver to their project plan, and success of the standard's timing will be based on market needs.

- In the future all voting and commenting periods will be noted in weeks (currently a mix of weeks and months).
- Recommendations made for content developers, notably the closer association of Central Office editors in the work of the TC/SCs were made.
- TC/SCs were encouraged to break up standards to avoid publications with very high page counts when possible.
- SMB reminded NCs of the requirement in the ISO/IEC Directives, that technical comments be submitted at the CD stage and not delayed until CDV. SMB also agreed that P-members were obliged to submit comments on CDs or New Work Proposals with CD attached.
- SMB agreed to the following changes on voting/commenting periods on documents:
 - NP Stage – when only an outline is attached, the TC officers may propose a 4 week voting period (normally 12 weeks).

- CDV Stage – SMB definitively removed the 5-months CDV option as this was no longer being used (all CDVs will be 12 weeks).
- FDIS stage – SMB decided to shorten the voting period on FDIS to 6 weeks (previously 8 weeks).
- SMB requested Central Office to develop a tool allowing project leaders to plan the stages of their projects with confidence and accuracy.
- SMB recommended making use of the large Frankfurt GM in 2016 to hold training workshops for TC/SC officers, convenors and project leaders.
- SMB decided to review the process and branding of PAS (Publicly Available Specifications) and TS (Technical Specifications).

(SMB Decisions 154/9, 10, 12-17)

1.8 *ahG 58 – Translation scenarios/Languages*

SMB invited CB to amend the clauses in the Statutes and Rules of Procedure concerning the use of languages in the IEC. The current text does not reflect the reality of the situation, in particular the use of languages in meetings and implied requirement that the IEC publishes all documents in English, French and Russian.

SMB also recommended that it might be useful to designate a definitive language of development for each publication.

(SMB Decision 154/11)

2 *MANAGEMENT OF TECHNICAL WORK*

2.1 *Reports from Technical Committees*

The SMB approved 13 TC/SC reports, including SBPs by correspondence before the SMB meeting.

The SMB noted that TCs 20 and 59 had failed to submit the TC reports (RSMB) on time and invited the NC of DE (holding the secretariat of the TCs concerned) to investigate.

(SMB Decision 154/2, 154/24)

2.2 *Projects for which extensions of target dates had been reviewed*

The SMB approved extensions of target dates and project plans for projects, including those with more than 4 months delay, CDVs that require longer than 24 months to be available and requests for extensions in the TC/SC reports.

(SMB Decisions 154/27, 154/28 and 154/29)

2.3 *Review of Directives Maintenance Team*

SMB expressed some concern about the depth of information supplied by DMT to SMB and set up ahg 61 to review the mandate of DMT as well as the process and implementation of SMB decisions into the Directives.

(SMB Decision 154/20)

2.4 *Use-Case Management*

SMB received a presentation from Ms Jessica Fritz (DE) on Use-Case Management. The presentation had received an initial review from the SRG officers and the SRG would give a full report in time for the next SMB meeting in February 2016.

(SMB Decision 154/22)

2.5 *TC 9*

The SMB received a presentation from TC 9, *Electrical equipment and systems for railways*, and noted with interest the collaboration mechanisms that were in place with the UIC (International Union of Railways).

(SMB Decision 154/23)

2.6 TC 99

The SMB received a presentation from TC 99, *System engineering and erection of electrical power installations in systems with nominal voltages above 1 kV a.c. and 1,5 kV d.c., particularly concerning safety aspects*, and noted the horizontal aspect of its work and the need for collaboration with other TCs and other organizations, such as CIGRE.
(SMB Decision 154/24)

2.7 PC 118

The SMB took note of the issues raised by the German NC concerning the work programme of PC 118, Smart Grid User Interface. SMB reminded the officers that the scope of work was deliberately limited to the tasks assigned to the PC. SMB expressed some concern on the time interval between meetings and endorsed the request of the PC 118 chair for support from the NCs to complete the work of PC 118.
(SMB Decision 154/26)

2.8 Space technology

SMB agreed to set up ahg 62 to review the work of CEN/CENELEC TC 5, *Space technology*, and determining which might items might be of interest to IEC and also which TC/SCs might be concerned.
(SMB Decision 154/31)

2.9 Industry Participation in Feedback loop

The SMB agreed to up ahg 63, *Industry Participation in feedback loop from conformity assessment to standards development*, jointly with CAB to review the existing mechanisms (including Interpretation Sheets) for industry feedback from conformity assessment to standards development and, if necessary, make proposals for improvements.
(SMB Decision 154/34)

3 RELATIONS WITH OTHER ORGANIZATIONS

3.1 ISO

ISO was represented by Mrs Elisabeth Stampfl-Blaha, TMB Chair. SMB took note of the TMB Resolutions following the meeting that had taken place in Seoul, Republic of Korea, in September 2015

3.2 CENELEC

CENELEC was represented by Mrs Elena Santiago and Mr Tore Tronvold. Mrs Santiago gave a presentation on “*Standards and regulation in Europe – Getting IEC involved in CENELEC standardization to support the single market*” and noted with interest the proposal of early engagement by IEC in standardization requests.

3.3 CIE

CIE was represented by Mrs Kathryn Nield, CIE General Secretary, who gave an update on CIE activities. SMB was encouraged by the collaboration currently underway on numerous projects between IEC and CIE.

3.4 IEEE

IEEE was represented by Mr Sam Sciacca who presented an update on IEEE activities and cooperation with IEC and also the proposal for mutual review of new work in both IEC and IEEE.

3.5 *ITU*

ITU was represented by Ms Xiaoya Yang.

3.6 *ETSI*

ETSI was represented by Mr Bernardo Correia.

3.7 Other International and Regional Bodies

SMB received written reports with brief verbal presentations from the following other international and regional bodies:

- AFSEC
- AMN-MERCOSUR
- CANENA
- COPANT
- EASC
- FINCA
- GSO
- IFAN
- PASC

4. NEXT SMB MEETINGS

Dates and places for 2016:

2016-02-22 – Monday CAG meeting (Geneva)

2016-02-23 – Tuesday (Geneva)

2016-06-13 – Monday CAG meeting (Geneva)

2016-06-14 – Tuesday (Geneva)

2016-10-10 – Monday (Frankfurt, Germany - General Meeting)

Dates and tentative places for 2017:

2017-02-13 – Monday CAG meeting (Geneva)

2017-02-14 – Tuesday (Geneva)

2017-06-11 – Sunday CAG meeting (Geneva)

2017-06-12 – Monday (Geneva)

2017-10-09 – Monday (Vladivostok, Russia - General Meeting)



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SMB/5690A/DL

2015-10-14

INTERNATIONAL ELECTROTECHNICAL COMMISSION

STANDARDIZATION MANAGEMENT BOARD

SUBJECT

List of decisions taken at SMB meeting 154, held on 2015-10-12 in Minsk, Belarus

3. ADOPTION OF THE AGENDA (including consent agenda items 29 to 33)

SMB Decision 154/1 – Revised SMB Agenda – SMB/5640B/DA

The SMB approved the revised agenda as amended and given in document SMB/5640B/DA, with the re-arrangement of several of the items to accommodate the logistics of the day.

SMB Decision 154/2 – TC/SC reports and SBPs

The SMB, by consent

- approved the 13 reports, including SBPs, from TC/SCs, listed in Annex A of the decision list.
- expressed appreciation to the Chairs and Secretaries of all the TC/SCs for the reports submitted.

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

5 CAG – Project management workshop

SMB Decision 154/3 – CAG – Project management workshop

The SMB agreed to the principle of a joint workshop with ISO on the subject of project management. The SMB agreed that the workshop should involve TC/SCs and include a broad exchange of views from all those participating. Whilst participation from SMB and TMB members would be welcome, SMB insisted on strong participation by representative TC/SC officers, including TC/SCs already working with both IEC and ISO (through liaisons, JWG, etc.). Other than the exchange of best practices, the workshop is encouraged to propose metrics for measuring performance of TC/SCs.

Because of the involvement of TC/SC officers, SMB recommended that the workshop be held outside the timetable of regular management meetings (possibly in the March/April 2016 timeframe).

5 CAG – Disruptive technologies

SMB Decision 154/4 – CAG – Disruptive technologies

The SMB agreed to set up ahG 60 on *Disruptive technologies*. The ahG should investigate the role of disruptive technologies in the area of electrotechnologies with an emphasis on healthcare and report on how disruptive technologies may affect the work of more traditional TCs. The work should include activities in TC 62, SyC AAL, SG 10, and ACSEC amongst others.

Convenor: Jeongjoon Lee (KR), members: US, GB, SE, IN, DE, CN, BR, AU, RU, and JP.
The ahG should report back for SMB 156 in June 2016.

NOTE A disruptive technology is an innovation that helps create a new market and value network, and eventually disrupts an existing market and value network (over a few years or decades), displacing an earlier technology.

5 CAG – Motivation statements

SMB Decision 154/5 – CAG – Motivation statements

The SMB agreed that motivation statements are required by proposed TC/SC Chairs only (and not for members of SMB ACs, SGs). The motivation statements should be short and concise, typically a single paragraph.

7.1 SEG 1 *Smart Cities*

SMB Decision 154/6 – SEG 1 *Smart Cities* – SMB/5657/R, SMB/5657A/RV

The SMB noted the circulation of a proposal for the establishment of a new Systems Committee (SyC) on *Electrotechnical Aspects of Smart Cities*, see document SMB/5691/INF. The report is sent to the SyC as an initial starting point for its work.

The SMB thanked SEG 1 and its convenor for the work accomplished and formally disbanded it.

7.3 SEG 5 *Electrotechnology for mobility*

SMB Decision 154/7 – SEG 5 *Electrotechnology for mobility*

The SMB, noting the difficulties in recruiting participants and in particular a convenor, transferred the activities to SyC *Smart Energy*, asking it to retain a focus on the subject, and agreed to disband SEG 5.

10.1 Review of ACTAD

SMB Decision 154/8 – Review of ACTAD – SMB/5638/INF, SMB/5638A/RV, SMB/5665/INF*, SMB/5683/INF*

The SMB thanked Prof Hisatoshi Ikeda for his presentation on the work of ACTAD and commended him for the preparation of the review document. The comments made by TC/SCs given in SMB/5683/INF are referred to ACTAD, which is invited to find ways of improving communications and information about the work of ACTAD to the TC/SC community.

11.1 ahG 58 – *Standardization project management*

SMB Decision 154/9 – ahG 58 – *Standardization project management* – SMB/5633/R, SMB/5633A/RV

The SMB noted the comments made by SMB on the report and agreed that the recommendation below should be implemented:

A.1 Content developers

A.1.a) Central Office editors should be requested to provide assistance on an “as needed” basis at earlier stages in the development of projects, particularly high-profile projects.

A.1.b) The primary editor for each project should be clearly identified (and included in the project database) to facilitate contact by the project editor.

A.1.c) Central Office should provide a “helpdesk” or contact point for project editors to contact in the case of queries.

A.1.d) A guide for projects should be developed by the Technical Department for Project Leaders and Convenors and include both guidance and a checklist for successful document development.

11.1 ahG 58 – *Standardization project management*

SMB Decision 154/10 – ahG 58 – *Standardization project management* – SMB/5633/R, SMB/5633A/RV

The SMB noted the comments made by SMB on the report and agreed that the recommendation below should be implemented:

A.2 Editing scenarios

A.2.a) SMB is asked to encourage TCs to avoid high page count standards and to break up their documents into manageable units.

A.2.b) When posting documents for translation, at the FDIS stage they should be marked up by the Project Leader / Secretariat to allow identification of differences with respect to the CDV.

11.1 ahG 58 – *Standardization project management*

SMB Decision 154/11 – ahG 58 – *Standardization project management* – SMB/5633/R, SMB/5633A/RV

The SMB noted the comments made by SMB on the report and agreed that the recommendation below should be implemented:

A.3 Translation Scenarios/Languages

A.3.a) SMB is invited to request CB to amend the clauses in the Statutes and Rules of Procedure concerning the use of languages in the IEC. The current text does not reflect the reality of the situation, in particular the use of languages in meetings and the implied requirement that the IEC publishes all documents in English, French and Russian.

A.3.b) AhG 58 also suggests that it might be useful to designate a definitive language of development for each publication.

11.1 ahG 58 – Standardization project management

SMB Decision 154/12 – ahG 58 – Standardization project management – SMB/5633/R, SMB/5633A/RV

A.4 Use of CD

The SMB agreed that the provision of the ISO/IEC Directives, Part 1, 2.5.1, requiring technical comments to be submitted at the CD stage be strictly implemented. In the case of an NP which includes a complete draft, it is expected that technical comments are made on the draft at the same time as submission of the NP vote, the whole objective of having a draft submitted with the NP being to skip the CD if possible.

The SMB decided that the submission of comments on a CD (or an NP with draft attached) shall be a requirement for P-members.

11.1 ahG 58 – Standardization project management

SMB Decision 154/13 – ahG 58 – Standardization project management – SMB/5633/R, SMB/5633A/RV

The SMB noted the comments made by SMB on the report and agreed that the recommendation below should be implemented:

A.5 Voting periods

A.5.a) The SMB is asked to endorse the change to weeks instead of months for expression of voting intervals and deadlines.

A.5.b) At the NP stage, when there is only an outline to review and where an existing group is effectively making the proposal, the TC/SC officers, in consultation with the proposer and the Office of the CEO, may propose a 4 weeks NP vote. This process is intended to be used exceptionally and the default remains the normal 12 weeks vote.

A.5.c) At the CD stage the TC/SC officers may choose between 8, 12 and 16 weeks (no change).

A.5.d) At the CDV stage the voting period is 12 weeks (no change), however the ahG also asks the SMB to officially reaffirm the CAG discussions eliminating the 5 month CDV option since it is no longer practiced across the IEC.

A.5.e) At the FDIS stage, ahG 58 recommends shortening the voting period to 6 weeks.

A.5.f) AhG 58 also recommends promotion of direct publication of CDVs by removing the requirement in the IEC Directives Supplement (deleting subclause 2.6.4) and the IEC exception in the IEC Directives, Part 1, 2.6.4, 1st bullet. CO is asked to monitor the use of technical changes and report to the SMB.

11.1 ahG 58 – Standardization project management

SMB Decision 154/14 – ahG 58 – Standardization project management – SMB/5633/R, SMB/5633A/RV

The SMB noted the comments made by SMB on the report and agreed that the recommendation below should be implemented:

A.6 Project Planning Tool

The SMB requested that the Central Office develop a tool to be given to project leaders so they can plan the stages of their project with confidence and high probability of success consistent with the description found in Clause B7 of the ahG 58 report. The objective would be to finalize a prototype by the end of 2015, with trials by selected TCs in Q1 of 2016, and a formal rollout by mid-year 2016.

11.1 ahG 58 – Standardization project management

SMB Decision 154/15 – ahG 58 – Standardization project management – SMB/5633/R, SMB/5633A/RV

The SMB noted the comments made by SMB on the report and agreed that the recommendation below should be implemented:

A.7 Training

AhG 58 recommends making use of the Frankfurt GM in 2016, which is a large GM with many TCs, to hold training sessions for both TC/SC officers and project editors and invites the IEC CO to work with the hosts to find an appropriate slot. IEC CO should provide the materials in advance.

IEC CO is requested to prepare a package for all convenors and project leaders, comprising checklists, flowcharts and contacts for questions.

11.1 ahG 58 – Standardization project management

SMB Decision 154/16 – ahG 58 – Standardization project management – SMB/5633/R, SMB/5633A/RV

The SMB noted the comments made by SMB on the report and agreed that the recommendation below should be implemented:

A.8 New TC/SC Dashboard

SMB is asked to discuss the proposed access rights to the TC/SC Dashboard as proposed by the IEC CO in B.9.

11.1 ahG 58 – Standardization project management

SMB Decision 154/17 – ahG 58 – Standardization project management – SMB/5633/R, SMB/5633A/RV

The SMB noted the comments made by SMB on the report and agreed that the recommendation below should be implemented:

A.9 Use of PAS and Technical Specifications

The SMB is asked to review the process for developing the TS deliverable and to consider a new name / branding. The inclusion of the term “pre-Standard” is suggested.

11.1 ahG 58 – Standardization project management

SMB Decision 154/18 – ahG 58 – Standardization project management – SMB/5633/R, SMB/5633A/RV

The SMB thanked ahG 58 for the work accomplished and formally disbanded it.

11.2 ahG 59 – Resolution of issues between TC 33 and TC 38

SMB Decision 154/19 – ahG 59 – Resolution of issues between TC 33 and TC 38 – SMB/5673/R*

The SMB noted the agreement that had been reached between TC 33 and TC 38 and approved the new target date for submission of a revised CDV for IEC 60358-4 on 2016-03-31.

The agreed “long term approach” is to establish a permanent coordination body between the two TCs, with the scope of sharing the program of work and agreeing on strategies.

The SMB thanked ahG 59 for the work accomplished and will keep it in place until the CDV has been submitted.

12.1 Review of DMT Directives Maintenance Team

SMB Decision 154/20 – Review of DMT – SMB/5647/INF, SMB/5666/R*

The SMB thanked Mr Svante Skeppstedt for his presentation on the work of the DMT.

SMB expressed some concern about the depth of information supplied by DMT to SMB and decided to set up ahG 61, *Review of DMT mandate*, under the convenorship of Mr Jos Remy. The ahG should review the mandate of the DMT as well as the process and progression of SMB decisions to revised Directives, in particular the reporting submitted to SMB.

It is proposed the ahG meet during the week of the SMB 155 in February 2016 and report back for SMB 156 meeting in June 2016.

Members: US, GB, SE, ES, JP, IT, FR, DE and the SMB Chair.

12.3 Task Force on the revision of the ISO/IEC Directives, Part 2

SMB Decision 154/21 – Task Force on the revision of the ISO/IEC Directives, Part 2 – SMB/5632/R, SMB/5632A/CC

The SMB commended the Task Force on the progress being made on the revision of the ISO/IEC Directives, Part 2, and anticipates the agreed deadlines being kept.

13.4 Proposal from Germany on *Use-Case-Management for an efficient standardization process on the basis of requirements engineering and management*

SMB Decision 154/22 – Proposal from Germany on *Use-Case-Management for an efficient standardization process on the basis of requirements engineering and management* – SMB/5667/INF*

The SMB thanked Mrs Jessica Fritz (German NC) for her presentation.

The SMB noted that the proposal had been reviewed by the management of the SRG (Systems Resource Group) and decided that the proposal should be referred to the SRG to report back at the SMB 155 meeting in February 2016.

14.1.1 TC 9 *Electrical equipment and systems for railways* – Presentation

SMB Decision 154/23 – TC 9 – Presentation – SMB/5651/INF

The SMB thanked Mr Franco Cavaliere, Chair TC 9, for his presentation and noted with interest the collaboration with UIC (International Union of Railways).

SMB asked TC 9 to ensure that a maximum of work be carried out at the international level, rather than at the regional level.

14.1.2 TC 99 *System engineering and erection of electrical power installations in systems with nominal voltages above 1 kV a.c. and 1,5 kV d.c., particularly concerning safety aspects* – Presentation

SMB Decision 154/24 – TC 99 – Presentation – SMB/5663/INF*

The SMB thanked Mr Enrico Maria Carlini, Chair TC 99, for his presentation and noted the horizontal nature of its work and the need for collaboration with other TCs and other organizations.

14.2 TCs not submitting reports within 3 months of a meeting

SMB Decision 154/25 – TC Reports

The SMB noted that TCs 20 and 59 had failed to submit the TC reports (RSMB) on time and invited the NC of DE (holding the secretariat of the TCs concerned) to take the appropriate action and report back at SMB meeting 155 in February 2016.

14.3 Report of PC 118, *Smart grid user interface*

SMB Decision 154/26 – Report of PC 118, *Smart grid user interface* – SMB/5621/R, SMB/5621A/RV, SMB/5677/INF*

The SMB noted the response made by the officers of PC 118 and recalled that the scope of the PC is deliberately limited as well as the tasks assigned to the PC.

A PC is by its nature a temporary structure and should not be in the position of creating new work for itself. If the PC notes the need for an extension of the work, this should be reported to the SMB, which will decide on the most appropriate action.

The SMB endorsed the request of the Chair of PC 118 for support from the NCs to accelerate and complete the PC 118 work.

PC 118 is asked to report their workplan and publication dates for active and planned projects to SMB 155 in February 2016.

15.1 Projects with more than 4 months delay

SMB Decision 154/27 – Projects with more than 4 months delay – SMB/5652A/DC

The SMB:

- approved the new target dates for the projects listed in Annex B of the decision list
- requested further information on projects listed in Annex C of the decision list
- decided to cancel the project listed in Annex D of the decision list

15.2 CDVs that require longer than 24 months to be available

SMB Decision 154/28 – CDVs that require longer than 24 months to be available – SMB/5653A/DC

The SMB considered projects that had not reached the CDV stage within the period specified in the Directives and approved new target dates for projects listed in Annex D and recommendations given in Annex E of the decision list.

15.3 Projects older than 5 years

SMB Decision 154/29 – Projects older than 5 years – SMB/5654A/DC

The SMB approved the new target dates for the projects listed in Annex B of the decision list and cancelled the late items from SC 34A.

17.1 CENELEC – Dresden Agreement

SMB Decision 154/30 – Presentation from CENELEC

The SMB thanked Mrs Elena Santiago, CENELEC Director General, for her presentation on the subject of IEC early engagement in standardization requests.

17.1 CENELEC – Dresden Agreement

SMB Decision 154/31 – Space Technology

The SMB, noting that IEC CO had been given a list of work items in CEN/CENELEC TC 5 on Space Technology, set up ahG 62, *Review of CEN/CENELEC TC 5 electrotechnology work items*, with the task of reviewing the work programme of the TC and determining which work items might be of interest to IEC and which IEC TC/SCs would be concerned. The ahG should report back at SMB meeting 155 in February 2016.

Convenor: Alexander Zazhigalkin (RU), members: US, DE, FR, CN, IN and CENELEC.

17.1 CIE – International Commission on Illumination

SMB Decision 154/32 – CIE report

The SMB thanked Mrs Kathryn Nield, CIE General Secretary, for her presentation and welcomed her as new General Secretary of CIE. SMB was encouraged by the collaboration currently underway on numerous projects between IEC and CIE.

17.5 IEEE – Cooperation on new work

SMB Decision 154/33 – IEEE

The SMB thanked Mr Sam Sciacca for his presentation. SMB agreed that IEC should work with IEEE to regularly exchange communications on new work in the two organizations.

18.1 Industry participation in feedback loop from conformity assessment to standards development

SMB Decision 154/34 – Industry participation in feedback loop from conformity assessment to standards development – SMB/5672/INF*

SMB noted the proposals made in document SMB/5672/INF. It decided to set up ahG 63, *Industry participation in feedback loop from conformity assessment to standards development*, jointly with CAB. The task would be to review the existing mechanisms for industry feedback from CA to standards development and, if necessary, make recommendations for improvements. The ahG should report back to SMB in time for discussion at SMB meeting 156 in June 2016.

Co-Convenor: Thomas Sentko (DE), Secretary: Rémy Baillif, members from NL, KR, GB, SE, RU, FR, CN, BR, AU and JP.

22 IEC Affiliate Country Programme

SMB Decision 154/35 – Presentation from IEC ACP

The SMB thanked Mrs Rosario Uriá, IEC Affiliate Programme Leader, for her presentation on the IEC Affiliate Country Programme and welcomed her as the new programme leader.

SMB members, as well as other National Committees, are strongly encouraged to provide support to the events organized by the IEC Affiliates and to participate in the mentoring programme mentioned.

The Thomas A. Edison Award was presented to

- CHEN Bo, Secretary TC 85
- Jae-Young Lee, Technical Area Manager TC 100 TA 4
- Tadashi Ezaki, Secretary TC 100
- Cheolung Cha, Secretary TC 47

Margie M. Burk, Pietro Di Vita and Reinhard Nerke will receive their award at subsequent SMB meetings

DATE AND PLACE OF NEXT MEETINGS

Dates and places for 2016:

2016-02-22 – Monday CAG meeting (Geneva)
2016-02-23 – Tuesday (Geneva)
2016-06-13 – Monday CAG meeting (Geneva)
2016-06-14 – Tuesday (Geneva)
2016-10-10 – Monday (Frankfurt, Germany - General Meeting)

Dates and tentative places for 2017:

2017-02-13 – Monday CAG meeting (Geneva)
2017-02-14 – Tuesday (Geneva)
2017-06-11 – Sunday CAG meeting (Geneva)
2017-06-12 – Monday (Geneva)
2017-10-09 – Monday (Vladivostok, Russia - General Meeting)

Annex A to SMB Decision 154/2

Reports from TCs/SCs to the Standardization Management Board

The Standardization Management Board approved the reports listed under item 29 of the SMB meeting 154 agenda, however, draws the attention of TCs/SCs to the actions proposed by the SMB in this Annex.

TC/SC - Document	Proposed actions
SMB/5611/R – TC 87	None.
SMB/5616/R - TC 62 +SCs A,B,C,D	None
SMB/5622/R – TC 42	None
SMB/5627/R - TC 76	None
SMB/5628/R - TC 15	None
SMB/5629/R - TC 103	None.
SMB/5630/R – TC 79	None
SMB/5642/R - TC 49	None.
SMB/5644/R – TC 88	None
SMB/5645/R – TC 114	None.
SMB/5646/R – TC 117	None
SMB/5655/R – TC 101	None.
SMB/5656/R – TC 122	None.

Annex B to SMB decisions 154/27 and 154/29

Late projects 4 months and projects older than 5 years

The Standardization Management Board approved the new target dates of the following projects:

Project	TC/SC	Stage to be reached	Target dates/Project plans approved
IEC 82079-1 Ed.2.0	3	1CD CCDV	2016-06-30 2017-01-31
IEC 62774 Ed.1.0	7	A2CD	2015-12-31
IEC 61375-2-4 Ed.1.0	9	CDTS	2015-09-30
IEC 62056-3-1 Ed.2.0	13	1CD CCDV FDIS	2016-02-28 2016-09-30 2017-03-31
IEC 62057-1 Ed.1.0	13	1CD CCDV FDIS	2016-12-31 2016-09-30 2017-03-31
IEC 60092-101 Ed.5.0	18	CCDV	2015-11-30
EC 61901 TR Ed.2.0	20	APUB	2015-10-31
IEC 60375 Ed.3.0	25	FDIS	2016-09-30
IEC 60050-845 Ed.2.0	34	1CD CCDV FDIS	2016-07-31 2017-04-30 2018-04-30
IEC 60969 Ed.2.0	34A	FDIS	2015-10-31
IEC 62386-302 Ed.1.0	34C	CCDV FDIS	2015-10-31 2016-04-30
IEC 62386-303 Ed.1.0	34C	CCDV FDIS	2015-10-31 2016-04-30
IEC 62386-304 Ed.1.0	34C	CCDV FDIS	2015-10-31 2016-04-30
IEC 62386-332 Ed.1.0	34C	CCDV FDIS	2015-10-31 2016-04-30
IEC 60433 Ed.4.0	36	CCDV	2015-11-30
IEC 61643-331 Ed.2.0	37B	2CD	2015-12-31
IEC 61869-11 Ed.1.0	38	FDIS	2016-12-31
IEC 61083-1 Ed.3.0	42	CCDV	2015-12-31
*IEC 61083-3 Ed.1.0	42	1CD	2015-12-31
IEC 61083-4 Ed.1.0	42	2CD	2015-12-31
IEC 60747-14-6 Ed.1.0	47E	CCDV	2016-07-31
IEC 60747-14-7 Ed.1.0	47E	CCDV	2016-07-31
IEC 60747-14-8 Ed.1.0	47E	CCDV	2016-07-31
IEC 61970-556 Ed.1.0	57	CCDV	2015-10-31
IEC 60704-2-3 Ed.3.0	59A	CCDV	2015-10-31
IEC 60704-2-13 Ed.3.0	59K	ACDV CCDV	2015-11-30 2016-08-31

IEC 62667 Ed.1.0	62C	CCDV	2016-12-31
IEC 62881 Ed.1.0	65	CCDV	2015-10-31
IEC 61851-3-3 TS Ed.1.0	69	1CD CDTS	2016-02-28 2016-11-30
IEC 62576 Ed.2.0	69	1CD	2016-04-30
IEC 62831 Ed.1.0	69	1Cd	2016-02-28
IEC 61000-2-2 Ed.3.0	77A	CCDV	2016-03-31
IEC 62692 Ed.1.0	79	CCDV	2016-12-31
IEC 60904-12 TS Ed.1.0	82	1CD	2015-12-31
IEC 60904-9 Ed.3.0	82	1CD	2015-12-31
IEC 62093 Ed.2.0	82	1CD	2015-12-31
IEC 62257-8-1 TS Ed.2.0	82	1CD	2015-12-31
IEC 62257-9-4 TS Ed.2.0	82	1CD	2015-09-30
IEC 62257-9-5 TS Ed.3.0	82	1CD	2015-09-30
IEC 62787 Ed.1.0	82	CCDV	2015-12-31
IEC 62891 Ed.1.0	82	FDIS	2015-12-31
*IEC 62920 Ed.1.0	82	1CD	2015-12-31
IEC 62496-4-1 Ed.1.0	86	CCDV FDIS	2015-12-31 2016-06-30
IEC 62343-6-4 TR Ed.1.0	86C	2CD CDTR	2015-11-30 2016-05-31
IEC 60068-3-13 Ed.1.0	91	FDIS	2015-12-31
IEC 61249-2-43 Ed.1.0	91	FDIS	2016-02-28
IEC 61249-2-44 Ed.1.0	91	FDIS	2016-02-28
IEC 60728-13-1 Ed.2.0	100	1CD CCDV	2016-03-31 2016-09-30
IEC 60728-3-2 Ed.1.0	100	CDTS	2016-03-31
IEC 62216 Ed.2.0	100	2CD	2015-12-31
IEC 62767-1 Ed.1.0	100	FDIS	2015-12-31
IEC 62801 Ed.1.0	103	DEC	2015-10-31
IEC 62341-6-3 Ed.2.0	110	2CD	2016-06-30
IEC 62321-7-2 Ed.1.0	111	CCDV	2015-12-31
IEC 62844 TS Ed.1.0	113	DEC	2015-12-31
IEC 62746-10-2 Ed.1.0	118	2CD	2015-12-31

The Standardization Management Board decided to

Project	TC/SC	SMB Decision
EC 61000-2-12 Ed.2.0	77A	Cancel the project
IEC 62282-6-101 Ed.1.0	105	put the project to the PWI stage
IEC 62282-6-400 Ed.1.0	105	put the project to the PWI stage

Annex C to the SMB decisions 154/27

Late projects 4 months

The Standardization Management Board requests the following clarifications:

Projects	TC/SC	Clarifications
IEC 60050-692 Ed.1.0	1	Await the outcome of the CDV vote
IEC 62515 TS Ed.1.0	3	TC Secretary is requested to provide the new target date for CDTs
IEC 62656-5 Ed.1.0	3D	SC Secretary is requested to provide the new target date for 2CD
IEC 62641 Ed.1.0	7	Await the results of comments on the CD
IEC 62580-2 Ed.1.0	9	TC Secretary is requested to provide the new target date for CDTs or CCDV after the TC 9 plenary meeting in October 2015
IEC 60376 Ed.3.0	10	Wait for the results of the TC 10 plenary meeting in November 2015
IEC 60826 Ed.4.0	11	SC Secretary is requested to provide the new target date for DEC
IEC 62056-8-6 Ed.1.0	13	TC Secretary is requested to provide the new target date for 2CD
IEC 60092-502 Ed.6.0	18	Wait for results of CAG meeting in November 2015.
IEC/IEEE 61886-1 Ed.1.0	18	TC Secretary is requested to provide the new target date for 1CD
IEC 60884-1 f1 Ed.4.0	23B	TC Secretary is requested to provide the new target date for CCDV
PNW 25-471 Ed.1.0	25	Wait for results of the questionnaire to NCs members.
IEC 80003-14 Ed.1.0	25	Wait for results of the questionnaire to NCs members.
IEC 60974-1 Ed.5.0	26	TC Secretary is requested to provide the new target date for CCDV
IEC 62663-1 Ed.1.0	34A	SC Secretary is invited to provide the project plan for next stages
IEC 62663-2 Ed.1.0	34A	SC Secretary is invited to provide the project plan for next stages
IEC 61869-10 Ed.1.0	38	Await the outcome of the CDV vote
IEC 62689-1 Ed.1.0	38	TC Secretary is requested to provide the new target date for FDIS
IEC 62689-2 Ed.1.0	38	TC Secretary is requested to provide the new target date for FDIS
IEC 60286-5 Ed.3.0	40	TC Secretary is requested to provide the new target date for 1CD
IEC 62812 Ed.1.0	40	TC Secretary is requested to provide the new target date for 2CD
IEC 60744 Ed.2.0	45A	TC Secretary is requested to provide the new target date for 4CD
IEC 60050-726 Ed.2.0	46	TC Secretary is requested to provide the new target date for A2CD
IEC 60966-1 Ed.3.0	46	TC Secretary is requested to provide the new target date for CCDV
IEC 60966-2-4 Ed.4.0	46	TC Secretary is requested to provide the new target date for FDIS
IEC 60966-2-5 Ed.4.0	46	TC Secretary is requested to provide the new target date for FDIS
IEC 61935-2-21 Ed.1.0	46	TC Secretary is requested to provide the new target date for FDIS
IEC 61935-2-22 Ed.1.0	46	TC Secretary is requested to provide the new target date for FDIS
IEC 62153-4-16 TR Ed.1.0	46	TC Secretary is requested to provide the new target date for DEC
IEC 61156-1-6 TR Ed.1.0	46C	TC Secretary is requested to provide the new target date for 2CD
IEC 61169-1-1 Ed.2.0	46F	TC Secretary is requested to provide the new target date for 1CD
IEC 60749-28 Ed.1.0	47	TC Secretary is requested to provide the new target date for CCDV
IEC 60191-1 Ed.3.0	47D	TC Secretary is requested to provide the new target date for 2CD
IEC 60191-6-13 Ed.2.0	47D	TC Secretary is requested to provide the new target date for FDIS
IEC 61850-10-210 TS Ed.1.0	57	TC Secretary is requested to provide the new target date for 2CD
IEC 62950 TS Ed.1.0	59	TC Secretary is requested to provide the new target date for 1CD
IEC 60731 Amd.1 Ed.3.0	62C	TC Secretary is requested to provide the new target date for FDIS
IEC 62879 Ed.1.0	65A	TC Secretary is requested to provide the new target date for 1CD

IEC 61003-1 Ed.3.0	65B	TC Secretary is requested to provide the new target date for FDIS
IEC 61003-2 Ed.2.0	65B	TC Secretary is requested to provide the new target date for FDIS
IEC 61804-2 Ed.3.0	65E	TC Secretary is requested to provide the new target date for FDIS
IEC 62453-1 Ed.2.0	65E	TC Secretary is requested to provide the new target date for FDIS
IEC 62453-2 Ed.2.0	65E	TC Secretary is requested to provide the new target date for FDIS
IEC 62453-30x Ed.2.0	65E	TC Secretary is requested to provide the new target date for 1CD
IEC 62541-200 Ed.1.0	65E	SC Secretary is requested to provide the new target date for 1CD
IEC 60404-8-7 Ed.4.0	68	TC Secretary is requested to provide the new target date for 1CD
IEC 60404-8-8 Ed.2.0	68	TC Secretary is requested to provide the new target date for 1CD
IEC 61851-21-2 Ed.1.0	69	TC Secretary is requested to provide the new target date for 3CD
IEC 62496-2 Ed.1.0	86	TC Secretary is requested to provide the new target date for 2CD
IEC 61853-2 Ed.1.0	82	TC Secretary is requested to provide the new target date for DEC
IEC 60793-2-20 Ed.3.0	86A	TC Secretary is requested to provide the new target date for FDIS
*IEC 60794-3-40 Ed.2.0	86A	SC Secretary is requested to provide the new target date for 2CD
IEC 61755-5 Ed.1.0	86B	SC Secretary is requested to provide the new target date for 3CD and CCDV
IEC 61755-6-1 Ed.1.0	86B	SC Secretary is requested to provide the new target date for CCDV
IEC 60695-11-11 TS Ed.2.0	89	TC Secretary is invited to liaise with Technical Officer at the C.O
IEC/IEEE 60255-118-1 Ed.1.0	95	TC Secretary is requested to provide the new target date for 2CD
IEC 62041 Ed.3.0	96	TC Secretary is requested to provide the new target date for CCDV
IEC 61340-4-4 Ed.3.0	101	TC Secretary is requested to provide the new target date for 1CD
PNW 104-629 Ed.1.0	104	TC Secretary is requested to provide the new target date for 1CD
IEC 62282-6-400 Ed.1.0	105	TC Secretary is requested to provide the new target date for FDIS
IEC 62209-3 Ed.1.0	106	TC Secretary is requested to provide the new target date for 1CD after the plenary meeting in September 2015
IEC 62226-3-1 Ed.2.0	106	TC Secretary is requested to provide the new target date for 1CD after the plenary meeting in September 2015
IEC 62321-8 Ed.1.0	111	TC Secretary is requested to provide the new target date for A2CD
IEC 62903-1 Ed.1.0	119	TC Secretary is requested to provide the new target date for 2CD
IEC 62903-2 Ed.1.0	119	TC Secretary is requested to provide the new target date for 2CD
IEC 62904 Ed.1.0	119	TC Secretary is requested to provide the new target date for 2CD
CISPR 32 Amd.1 Ed.2.0	CIS/I	Wait for results of the plenary meeting

Annex D to SMB decision 154/28

Availability of CDVs within 24 months

The Standardization Management Board confirmed/approved the (new) target dates of the following projects:

Projects	TC/SC	Stage to be reached	Target dates/Project plans approved
IEC 62774 Ed.1.0	7	A2CD	2015-12-31
IEC 62786 Ed.1.0	8	CCDV	2016-04-30
IEC 62053-41 Ed.1.0	13	2CD CCDV FDIS	2016-01-31 2016-06-30 2017-03-31
IEC 60305 Ed.5.0	36	CCDV	2015-12-31
IEC 60433 Ed.4.0	36	CCDV	2015-12-31
IEC 61869-11 Ed.1.0	38	CCDV FDIS	2015-12-31 2016-12-31
IEC 61869-13 Ed.1.0	38	CCDV FDIS	2016-06-30 2017-03-31
IEC 61083-3 Ed.1.0	42	2CD	2015-12-31
IEC 61083-4 Ed.1.0	42	2CD	2015-12-31
IEC 62435-1 Ed.1.0	47	CCDV	2015-09-30
IEC 62435-2 Ed.1.0	47	CCDV	2015-09-30
IEC 62435-5 Ed.1.0	47	CCDV	2015-09-30
IEC 62880-1 Ed.1.0	47	CCDV	2015-12-31
IEC 60747-14-6 Ed.1.0	47E	CCDV	2016-07-31
IEC 60747-14-7 Ed.1.0	47E	CCDV	2016-07-31
IEC 60747-14-8 Ed.1.0	47E	CCDV	2016-07-31
IEC 61076-3-104 Ed.3.0	48B	CCDV	2016-02-28
IEC 60122-1 Amd.1 Ed.3.0	49	2CD	2015-12-31
IEC 60679-1 Amd.1 Ed.3.0	49	2CD	2015-12-31
IEC 60679-1 Ed.4.0	49	CCDV	2015-10-31
IEC 62884-4 Ed.1.0	49	1CD	2015-12-31
IEC 61850-8-2 Ed.1.0	57	CCDV	2015-12-31
IEC 60704-2-3 Ed.3.0	59A	CCDV	2015-10-31
IEC 62784 Ed.1.0	61J	CCDV	2015-10-31
IEC 62879 Ed.1.0	65A	1CD CCDV FDIS	2016-06-30 2017-06-30 2018-06-30
IEC 61851-3-1 TS Ed.1.0	69	CDTS	2016-02-28
IEC 61851-3-2 TS Ed.1.0	69	CDTS	2016-02-28
IEC 61851-3-3 TS Ed.1.0	69	1CD CDTS	2016-02-28 2016-11-30
IEC 61851-3-4 TS Ed.1.0	69	CDTS	2016-02-28
IEC 61851-3-5 Ed.1.0	69	CDTS	2016-02-28
IEC 61851-3-6 Ed.1.0	69	CDTS	2016-02-28
IEC 61851-3-7 Ed.1.0	69	CDTS	2016-02-28
IEC 61000-2-5 TR Ed.3.0	77	CCDV	2016-12-31
IEC 61000-2-2 Ed.3.0	77A	CCDV	2016-03-31
IEC 60904-11 Ed.1.0	82	1CD	2016-01-31
IEC 62109-3 Ed.1.0	82	CCDV	2015-12-31
IEC 62688 Ed.1.0	82	CCDV	2015-12-31
IEC 62738 TS Ed.1.0	82	CDTS	2015-12-31
IEC 62787 Ed.1.0	82	1CD	2015-12-31
IEC 62805-1 Ed.1.0	82	CCDV	2015-09-30
IEC 62805-2 Ed.1.0	82	CCDV	2015-09-30
IEC 62754 Ed.1.0	85	CCDV	2016-06-30
IEC 62496-4-1 Ed.1.0	86	CCDV FDIS	2015-12-31 2016-06-30
IEC 61400-21-1 Ed.1.0	88	CCDV FDIS	2015-09-30 2016-05-31
IEC 61400-27-2 Ed.1.0	88	1CD CCDV FDIS	2015-09-30 2016-09-30 2017-06-30
IEC 61400-3-2 TS Ed.1.0	88	CDTS	2015-12-31
IEC 61400-6 Ed.1.0	88	1CD CCDV FDIS	2015-11-30 2016-11-30 2017-08-31
IEC 60068-2-69 Ed.3.0	91	CCDV	2016-02-28

		FDIS	2016-09-30
IEC 61189-5-5 Ed.1.0	91	1CD	2015-12-31
		CCDV	2016-12-31
		FDIS	2017-07-31
IEC 61191-3 Ed.2.0	91	1CD	2015-11-30
		CCDV	2016-11-30
		FDIS	2017-06-30
IEC 61191-4 Ed.2.0	91	CCDV	2016-11-30
		FDIS	2017-06-30
IEC 62282-4-102 Ed.1.0	105	CCDV	2016-02-28
		FDIS	2016-07-31
IEC 62321-7-2 Ed.1.0	111	CCDV	2015-12-31
IEC 62565-3-1 Ed.1.0	113	CCDV	2015-12-31
IEC 62565-4-2 TS Ed.1.0	113	CCDV	2016-07-31
IEC 62876-2-1 TS Ed.1.0	113	CCDV	2016-06-31

Annex E to SMB decision 154/28

Availability of CDVs within 24 months

The Standardization Management Board requested TCs/SCs to apply recommendations given for the following projects:

Projects	TC/SC	Justification
IEC 62882 TS Ed.1.0	4	TC Secretary is requested to provide the new target date for CCDV
IEC 62774 Ed.1.0	7	TC Secretary is requested to provide the new target date for CCDV.
IEC 61375-2-6 Ed.1.0	9	TC Secretary is requested to provide the new target date for CCDV
IEC 62580-2 Ed.1.0	9	Wait for results of the plenary meeting on October 2015 and then TC Secretary is invited to provide the new target date for CCDV or CDTs
IEC 62271-1 Ed.2.0	17A	SC Secretary is requested to provide the new target date for CCDV
IEC 62873-1 Ed.1.0	23E	SC Secretary is requested to provide the new target date for CCDV
IEC 62822-3 Ed.1.0	26	TC Secretary is requested to provide the new target date for CCDV
IEC 61643-352 Ed.1.037B	37B	SC Secretary is requested to provide the new target date for CCDV
IEC 61083-3 Ed.1.0	42	TC Secretary is requested to provide the new target date for CCDV.
IEC 61083-4 Ed.1.0	42	TC Secretary is requested to provide the new target date for CCDV.
IEC 60772 Ed.2.0	45A	Wait for results of the next meeting in March 2016
IEC 60966-1 Ed.3.0	46	TC Secretary is requested to provide the new target date for CCDV
IEC 61169-1-1 Ed.2.0	46F	TC Secretary is requested to provide the new target date for CCDV
IEC 61076-2-111 Ed.1.0	48B	SC Secretary is requested to provide the new target date for CCDV
IEC 61076-2-113 Ed.1.0	48B	SC Secretary is requested to provide the new target date for CCDV
IEC 61587-6 Ed.1.0	48D	SC Secretary is requested to provide the new target date for CCD
IEC 61850-10-210 TS Ed.1.0	57	TC Secretary is requested to provide the new target date for CCDV
IEC 62881 Ed.1.0	65	TC Secretary is invited to provide the target date for CCDV
IEC 61207-3 Ed.3.0	65B	SC Secretary is requested to provide the new target date for CCDV
IEC 62541-200 Ed.1.0	65E	SC Secretary is requested to provide the new target date for CCDV
IEC 62831 Ed.1.0	69	TC Secretary is requested to provide the new target date for CCDV
IEC 61000-4-39 Ed.1.0	77B	SC Secretary is requested to provide the new target date for CCDV
IEC 60839-11-4 Ed.1.0	79	TC Secretary is requested to provide the new target date for CCDV
IEC 62692 Ed.1.0	79	SC Secretary is requested to provide the new target date for CCDV
IEC 62820-1-2 Ed.1.0	79	SC Secretary is requested to provide the new target date for CCDV
IEC 62820-2 Ed.1.0	79	SC Secretary is requested to provide the new target date for CCDV
IEC 62788-2 Ed.1.0	82	TC Secretary is invited to provide the target date for CCDV
IEC 61300-2-4 Ed.2.0	86B	SC Secretary is invited to provide the target date for CCDV
IEC 61755-5 Ed.1.0	86B	SC Secretary is invited to provide the target date for CCDV
IEC 61755-6-1 Ed.1.0	86B	SC Secretary is invited to provide the target date for CCDV
IEC/IEEE 60255-118-1 Ed.1.0	95	TC Secretary is invited to provide the target date for CCDV
IEC 62041 Ed.3.0	96	TC Secretary is invited to provide the target date for CCDV
IEC 61340-5-2 TR Ed.2.0	101	TC Secretary is invited to provide the target date for CCDV
IEC 60721-3-0 Ed.2.0	104	TC Secretary is invited to provide the target date for CCDV
IEC 60721-3-1 Ed.3.0	104	TC Secretary is invited to provide the target date for CCDV
IEC 60721-3-2 Ed.3.0	104	TC Secretary is invited to provide the target date for CCDV
IEC 62232 Ed.2.0	106	Await the outcome of the next plenary meeting
IEC 62764-1 Ed.1.0	106	Await the outcome of the next plenary meeting
IEC 62239-2 TS Ed.1.0	107	Await the outcome of the next plenary meeting in October 2015 in Prague
IEC 62600-103 TS Ed.1.0	114	TC Secretary is invited to provide the target date for CCDV
IEC 62600-20 TS Ed.1.0	114	TC Secretary is invited to provide the target date for CCDV
IEC 62600-30 TS Ed.1.0	114	TC Secretary is invited to provide the target date for CCDV



For IEC use only

SMB/5675/INF

2015-09-18

INTERNATIONAL ELECTROTECHNICAL COMMISSION

STANDARDIZATION MANAGEMENT BOARD

SUBJECT

SMB meeting 154, agenda item 33, Minsk

List of Questions of Principle submitted for approval by correspondence since SMB 153

BACKGROUND

In addition to decisions taken at SMB meetings, which are submitted to Council Board immediately following the meeting, the SMB decides on questions of principle (QPs) by correspondence.

A list of QPs submitted by correspondence since SMB meeting 153 is given in annex.

ACTION

This document is for information.

ANNEX TO DOCUMENT SMB/5675/INF

Questions of principle submitted since the circulation of document SMB/5604/INF

SMB/5607/QP	Chair of Technical Committee No. 111: Environmental standardization for electrical and electronic products and systems. Extension to term of office of Mr Yoshiaki Ichikawa – approved on 2015-06-19
SMB/5608/QP	Nomination of a Chair for Technical Committee No. 73: Short-circuit currents – approved on 2015-06-19
SMB/5609/QP	Nomination of a Chair for Technical Committee No. 15: Solid electrical insulating materials – approved on 2015-06-19
SMB/5610/QP	Nomination of a Chair for Technical Committee No. 49: Piezoelectric, dielectric and electrostatic devices and associated materials for frequency control, selection and detection – approved on 2015-06-19
SMB/5623/QP	Nomination of a Chair for Technical Committee No. 107: Process management for avionics – approved on 2015-07-24
SMB/5641/QP	Revised scope of TC 103, Transmitting equipment for radio communication – closing on 2015-09-25
SMB/5643/QP	Proposed revision of the title and scope of IEC TC 88, Wind turbines – closing on 2015-09-25
SMB/5648/QP	Additional nominations to ACSEC, Advisory Committee on Information Security and Data Privacy – closing on 2015-09-25
SMB/5649/QP	Request for D liaison between IEC SC 34A WG PRESCO, IEC SC 34B WG EPC 3 and Group de Travail “Bruxelles 1952” Working Group Light Sources (GTB WG LS) – closing on 2015-10-09
SMB/5662/QP	Submission of 4 IEEE standards for consideration as IEC/IEEE dual logo standards under the work programme of IEC TC 91 – closing on 2015-10-16
SMB/5668/QP	Nominations to SG 9, Communication Technologies– closing on 2015-10-09
SMB/5669/QP	Nominations to ACART, Advisory Committee on Applications of Robot Technology – closing on 2015-10-09
SMB/5670/QP	Nominations to SG 10, Wearable Smart Devices – closing on 2015-10-09



CB/770/R

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2015-10-13

INTERNATIONAL ELECTROTECHNICAL COMMISSION

COUNCIL BOARD (CB)

SUBJECT

Agenda item 4.2

Report from the Conformity Assessment Board (CAB) following the CAB meeting held in Minsk on 2015-10-12

BACKGROUND

CAB meeting 38 was attended by all the members of CAB except for 1 CAB Member - Simon Barrowcliff (UK), 3 CAB Alternates - James Galloway (AU), Giovanni Borges (BR), Ted Gaertner (NL) and 1 CA System Chairman - Sandy Butterfield (IECRE), all of whom had sent their apologies and regrets for their absence. Mr Ron Collis, the IECEE Chairman, was also absent due to an accident in the Victoria Olimp Hotel.

Annex A contains the decisions taken by the CAB (document **CAB/14645/DL**), for information.
Annex B contains a status summary of the Council Board implementation points given in Part 2 of C/1867/DV (see Item 5, STF), for information.

ACTION

The CAB submits the report (document CB/770/R) on its 2015-10-12 meeting to the CB.

Matters for Decision by Council Board

None

Matters for Information

1. The IEC Conformity Assessment as a whole

IECEE, IECEX and IECQ 2014 accounts were all approved. There were no 2014 audited accounts for IECRE. Both IECEX and IECQ showed surpluses for the year and increases in general reserves. As was the case last year, IECEE reducing its reliance on surcharges (for certain situations which was based on an instruction from CAB), took part of its income from the general reserves to balance the accounts. IECEE had no surplus this year.
(See CAB Decisions 38/19, 38/23 and 38/24)

Recent activities of IECRE: The REMC meeting was held in Tokyo in September, where work on a five year business plan moved forward. Once the 5 years business plan is established, successive yearly budgets will flow out. A wind energy (WE) transition plan is also being developed with the goal of issuing certificates in 2017.

Appointment of new IECRE Vice-Chair: On nomination by IECRE REMC, CAB appointed Mr Qin Haiyan as the new IECRE Vice-Chair for the period 1 January 2016 to 31 December 2018.

(See CAB Decision 38/16)

Recent activities of IECQ: In its working group meetings held in Singapore in April, IECQ established a new working group on “Counterfeit Avoidance” and progressed considerably in the provision of a Compliance Program dedicated to the LED Lighting System industry. In 2015, the IECQ participated in the Taitronics show, Electronica, invited by VDE, Autotronics, organized by CTECCB, and in an Industry Dialogue session in Singapore, organized by SPRING.

Recent activities of IECEX: This IEC CA System reported strong growth across all Certificates and Reports with a 28% increase between 2013 and 2014 and a 26% increase over 2014 by September 2015. The IECEX Certified Persons Scheme continues to show strongest growth and is expected to reach the milestone level of 1000 certified persons by the end of 2015. Members to the new IECEX Board of Appeals were also approved during the meeting.

Recent activities of IECEE: The number of CB Test Certificates issued between 2013 and 2014 remained stable at above 80'000. The audited financial accounts for both 2013 and 2014 showed that off-setting funds from the General Reserves were necessary to achieve a neutral budget. The IECEE will propose a new financial model which will achieve long-term financial sustainability.

Misuse of the IEC Certificates and marks: As reported to Council Board in June, the CAB decided that the issue of misuse of the IEC certificates, logos and marks would, for the future, be reported and discussed at each June CAB meeting instead of the open General Meeting.

(See CAB Decision 37/24)

2. Harmonization of the Systems' Basic Rules

Following CAB Decision 36/10 taken at the IEC GM in Tokyo, the current version of the Harmonised Basic Rules (HBR) was forwarded to the CA Systems for review and comment. Feedback and comments from all four CA Systems concerning the draft HBR was received by CAB for the Minsk meeting. At the meeting CAB tasked WG 11 with reviewing the feedback and comments and reporting back to CAB with recommendations for its June 2016 meeting.

(See CAB Decision 38/8)

3. Affiliate Country Programme (ACP) and facilities for developing countries

Mrs Rosario Uria presented to CAB on the ACP activities and in particular those concerned with ACAS (Affiliate Conformity Assessment Status). She particularly indicated the e-learning modules for IECEE and IECEX that went online in 2015 (with those for IECRE and IECQ expected in 2016) as an important part in a long term programme of raising understanding of the IEC CA services to Affiliate countries. She said that 13 Affiliate countries had already signed the ACAS pledge.

4. CAB Working Groups' activities

WG 10 on policy and strategy: Having submitted final versions of the IEC Masterplan CA implementation plan, risk management grid and the compilation of CAB policies document at the June CAB meeting, it received two new tasks which are expected to be completed by the next CAB meeting in June 2016.

(See CAB Decision 38/11)

WG 11 on CA Systems issues: Mr Tim Duffy was appointed as the new convener for this working group at the June CAB meeting (Decision 37/17). At this meeting WG 11 was assigned new work on the HBR (see item 2 above).
(See CAB Decision 38/12)

WG 14 Promotion: This working group submitted a report (CAB/1435/R) which contained a table showing promotion factors for target audiences across IEC CA and CA Schemes. This table included the market drivers for each of the targeted audiences and derived focused IEC messages for each. It also identified the channels through which the focused messages can be delivered. It is an important analysis.
(See CAB Decision 38/13)

WG 17 on cyber security: Since the report to Council Board in June, this working group has held one additional meeting which took place in the week just prior to the Minsk CAB meeting. The results of that meeting were that the market sectors investigated for cyber security services had little ability to identify their own needs. However, when specific services were proposed, each of those sectors responded positively. The services proposed are those that IECEE PSC WG 3 is currently developing for the industry automation sector based on the IEC 62443 series. The revelation is that this standard, although labelled for industrial automation, has a much wider sectorial application.
(See CAB Decision 38/14)

5. Special Task Force (STF) on CB-TF recommendations

The STF Convener reported that two meetings had been held since the June CAB meeting and that the concepts for a future-business watch-list (or BizL), an incubator stage possibly based on proposed standalone-scheme Basic Rules, and a toolbox approach to scheme rules, had been proposed. Work on these themes will be undertaken by the CAB Chairman and a smaller specialised group. As the *raison d'être* for this special task force was to implement a list of points given to CAB by the Council Board in part 2 of document C/1867/DV, a table is given in Annex B to this document summarizing the current status of the implementation of those points. The STF was disbanded.
(See CAB Decision 38/10)

6. Cooperation with ISO/CASCO

Cooperation with ISO/CASCO continues as normal with IEC representatives participating in CASCO management and Plenary meetings and IEC coordinators participating in CASCO working groups. Recently a number of new CASCO working groups have been created for which the CAB Secretariat has had difficulty in obtaining NC nominations for IEC coordinators. It is important to remember that CASCO standards are standards that define conformity assessment and how it is applied. They are therefore very important for the IEC's CA activities. It is also important not to forget that CASCO standards are both ISO and IEC standards. The IEC needs greater participation in these the CASCO working groups.

7. Cooperation with ITU on conformity and interoperability CA

The CAB ad hoc group working on this initiative presented an operational model based on the standalone scheme concept, and using existing procedures from the CB-scheme and existing principles from IECEx and IECQ for an online certificate database. An ad hoc group meeting with ITU was scheduled for the day after this CAB meeting, in Minsk and results of that meeting are awaited by CAB.
(See CAB Decision 38/31)

8. WSC CA Workshop and corporation with UNECE WP6

The CAB Secretary gave a verbal overview of the WSC CA Workshop programme that will be held in Geneva on 1 & 2 December in conjunction with the UNECE WP 6 meeting. This workshop is a good opportunity for IEC to present its CA services to new geographical markets and sectors (essentially regulators in transition economies), and to learn from those new markets and sectors.

9. Cooperation with IAF/ILAC

Cooperation with IAF/ILAC continues as normal with IEC representatives participating in the appropriate meetings. There were no IAF/ILAC representatives at the IEC GM this year.

10. Other International and Regional Organisations

ITU presentation: Two representatives from the ITU, Mrs Xiaoya Yang and Mr Denis Andreev were present at the CAB Meeting and gave a presentation representing an overview of the C&I (conformance and interoperability) project and indicating where IEC and ITU can work together to create synergies to better serve the market in this sector.

IRENA presentation: Mr Francisco Boshell, gave a presentation in three parts, firstly repeating a brief introduction that was given at the CAB meeting in Tokyo, secondly, describing some of IRENA's activities in quality assurance and standardization and lastly, describing some of the cooperation activities between IEC and IRENA. Some of these cooperative activities included the review by IEC of an IRENA publication concerning renewable energies, and participation by IEC in an IRENA roundtable event. Future cooperation will include joint activities directly in countries and regions and some joint publications.

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CAB/1464A/DL

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2015-10-13

INTERNATIONAL ELECTROTECHNICAL COMMISSION

CONFORMITY ASSESSMENT BOARD (CAB)

Meeting 38, Minsk, 2015-10-12

SUBJECT

List of the decisions taken at CAB meeting 38, Minsk, 2015-10-12, including those taken by correspondence after CAB Meeting 37.

BACKGROUND

This “A” version replaces CAB/1464/DL. The only difference is the list of Consent Agenda documents listed in CAB Decision 38/6 is attached at the end of this document.

Decisions taken by correspondence between CAB Meeting 37 and Meeting 38.

Decision 38/1 — NECA MoU (approved by correspondence)

The CAB approved the IEC-NECA MoU given in Annex B of document CAB/1402/DV.

Ref.: CAB/1402A/RV.

Decision 38/2 — IECEE Treasurer nomination (approved by correspondence)

The CAB, noting the document CAB/1403A/DV, accepted the nomination of Mr Pierre Selva as the new IECEE Treasurer and appoints him to this position for a 3 years period from 1 January 2016 to 31 December 2018.

Ref.: CAB/1403B/RV.

Decision 38/3 — IECEE Vice-Chairman nomination (approved by correspondence)

The CAB, noting the document CAB/1404A/DV, accepted the nomination of Mr Shigeyuki Kondo as the new IECEE Vice-Chairman for a second term and re-appoints him to this position for a 3 years period from 1 January 2016 to 31 December 2018.

Ref.: CAB/1404B/RV.

Decision 38/4 — IECEE Chairman nomination (approved by correspondence)

The CAB, noting the document CAB/1405A/DV, accepted the nomination of Mr Wolfgang Niedziella as the new IECEE Chairman and appoints him to this position for a 3 years period from 1 January 2016 to 31 December 2018.

Ref.: CAB/1405B/RV.

Decisions taken during CAB Meeting 38, Minsk.

Decision 38/5 — *Approval of the agenda*

The CAB approves the agenda contained in CAB/1420B/DA.

Decision 38/6 — *Approval of the consent agenda items*

The CAB, by consent, noted and approved the 15 documents listed in Annex A to this decision list and expressed appreciation to all those concerned with their creation and submission.

Decision 38/7 — *CAB WG membership*

The CAB notes the document CAB/1440B/INF and appoints the new members identified therein to the respective working groups with the addition of Mr Ian Forte in the ad hoc group on ITU CA and Mr Trond Sollie in WG 14.

Decision 38/8 — *Harmonized Basic Rules*

The CAB thanks the IEC CA Systems for respecting CAB Decision 36/10 to return their feedback on the draft Harmonized Basic Rules (HBR) to CAB by this meeting. The CAB noting the feedback in documents CAB/1388/R, item 5.4, CAB/1429/INF, CAB/1455/INF, CAB/1462/INF and REMC/050/DFA, tasks WG 11 with reviewing these documents and submitting a final recommendation to CAB.

Decision 38/9 — *Feedback loop from CA to SD*

The CAB endorses document CAB/1452/INF, supports the notion that the IEC CA Systems are key customer users of IEC standards and that their feedback on the practical testing and verification of those standards is valuable to the standards writers and should be treated accordingly, encourages the SMB to formalise this feedback path through modifications to the Directives or by whatever other appropriate means and is ready to participate in any joint group that may be proposed by SMB for this pursuit. For this eventual joint group, CAB nominates Wolfgang Niedziella, the incoming IECEE Chair, as the co-convenor from CAB side and each of the IEC CA Systems Chairs and Executive Secretaries as members.

Decision 38/10 — *Special Task Force on CB-TF proposals*

The CAB thanks the Special Task Force (STF) for its document, CAB/1450/R, and for the verbal update from the CAB Chair and Convener of this STF following its meeting on Saturday (two days before this meeting), encourages the respective groups under CAB Chairman to move quickly towards developing practical processes for the business-watch master-list (BizL), the toolbox approach and the incubation stage, and report back to CAB at its next meeting in June 2016. The CAB disbanded this STF.

Decision 38/11 — *WG 10 Policy and strategy*

The CAB thanked the WG 10 Convener for his verbal report and encouraged this group to move forward quickly to complete the tasks assigned to it as indicated in the document CAB/1413A/R, by June 2016 CAB meeting.

Decision 38/12 — *WG 11 CA Systems issues*

The CAB thanked the WG 11 Convener for his verbal report of the meeting held in Frankfurt in the week prior to this CAB meeting, and encouraged this group to move forward quickly to complete both the tasks assigned to it as indicated in the document CAB/1413A/R, and the new task given to it in CAB Decision 38/8 concerning review and recommendations of the feedback on the Harmonized Basic Rules.

Decision 38/13 — *WG 14 Promotion*

The CAB thanked WG 14 for its report, CAB/1435/R, and the verbal report from its Convener concerning its meeting held two days before this CAB meeting, appreciated the direction this group was taking and encouraged it to move forward quickly with the objective of submitting a final report for the June 2016 CAB meeting.

Decision 38/14 — *CAB WG 17 – Cyber Security*

In the absence of the WG 17 Convener CAB thanked the CAB Secretary for his verbal report of the meeting held in Frankfurt the week prior to this meeting, and look forward to receiving the formal report after this General Meeting.

Decision 38/15 — *Report from CAB liaison to ACEE*

The CAB thanked the CAB liaison to the Advisory Committee for Energy Efficiency (ACEE), Mr Toshiyuki Kajiya, for his verbal report on the ACEE meeting, held two weeks before this CAB meeting, and looks forward to receiving the written report, which will be circulated after the General Meeting.

Decision 38/16 — *IECRE Officer Appointment*

The CAB, noting the document CAB/1454/R appoints Mr Qin Haiyan as the IECRE Vice-Chair for the period 1 January 2016 to 31 December 2018.

Decision 38/17 — *IECRE Annual report*

The CAB noted and endorsed the annual report given in document CAB/1453/R.

Decision 38/18 — *IECEX Annual report*

The CAB noted and endorsed the annual report given in document CAB/1439A/R.

Decision 38/19 — *IECEX 2014 accounts*

The CAB approves the IECEx audited accounts for 2014 contained in CAB/1437A/INF.

Decision 38/20 — *IECEX Basic Rules*

The CAB approves the amendments to the IECEx Basic Rules, IECEx 01 as indicated in the document CAB/1438A/DV.

Decision 38/21 — *IECEEx Board of Appeals Appointments*

On the nomination of the ExMC, as indicated in Item 1.3 of CAB/1439/R, the CAB appoints Mr Giovanni Hummel Borges as Chairman and Mr John Allen, Ms Ursula Aich, Ms Sheryl Bihler and Mr Ajay Maria as Members and Mr Nick Maalouf and Mr Sean Clarke as Deputies of the IECEEx Board of Appeals.

Decision 38/22 — *IECQ Annual report*

The CAB noted and endorsed the annual report given in document CAB/1443/R.

Decision 38/23 — *IECQ 2014 accounts*

The CAB approves the IECQ audited accounts for 2014 contained in CAB/1436/INF.

Decision 38/24 — *IECEE Annual report*

The CAB noted and endorsed the annual report given in document CAB/1426/R.

Decision 38/25 — *IECEE 2014 accounts*

The CAB approves the IECEE audited accounts for 2014 contained in CAB/1427/INF.

Decision 38/26 — *IECEE Basic Rules*

The CAB approves the revised IECEE Basic Rules as indicated in the document CAB/1428/DV.

Decision 38/27 — *IECEE items 1.3, 1.4 and 1.5 for CAB decision in CAB/1426/R*

Concerning item 1.3, CAB determined that it was now no longer relevant following CAB Decision 38/10 taken earlier in this meeting to disband the STF. Concerning item 1.4, CAB thanked IECEE for its comments on the HBR and drew its attention to CAB Decision 38/8 for their treatment. Concerning item 1.5, CAB thanked IECEE PSC WG 8 for their comments and their request to participate in the STF process, but reiterated the point made under item 1.3 above.

Decision 38/28 — *Gratitude to Affiliate Country Leadership*

The CAB expresses its gratitude to Mrs Rosario Uria for her presentation to the CAB, document CAB/1419/INF, recognizes the effort required to put the ACAS package into place, especially the e-learning modules, appreciates the success that this status has already had with 13 Affiliate Countries having already signed the pledge even though it is understood that this is long term initiative, and encourages increasing interaction and events between the IEC CA activities and the Affiliate Country Programme. CAB also thanks the Affiliate Programme Coordinator, Mr Thomas Robertson for his explanations and online demonstration of the e-learning modules.

Decision 38/29 — *IEC Coordinators in ISO/CASCO WGs*

The CAB, noting document CAB/1423A/INF, thanks the IEC Coordinators in ISO/CASCO WGs for their important contribution to the representation of IEC in these working group meetings and their reporting to the CAB. In particular the CAB thanks Mr Heribert Schorn and Mr Robert Sitzmann and strongly encourages them to continue in this important work.

Decision 38/30 — *ITU presentation*

The CAB expresses its gratitude to Ms Xiaoya Yang for her presentation to the CAB, document CAB/1421/INF, giving a good overview of the C&I (conformance and interoperability) project and indicating where IEC and ITU can work together to create synergies to better serve the market in this sector. The CAB encourages continued cooperation between the two organisations.

Decision 38/31 — *Ahg on ITU collaboration*

The CAB notes the distribution of the documents under agenda item 6.2 and looks forward to the progress of the work and the report of the ad hoc group to be held on October 13th while taking into consideration CAB Decision 37/12.

Decision 38/32 — *ITU collaboration*

The CAB strongly appreciates for the participation by ITU representatives at this IEC General Meeting and their support and cooperative effort with the ahg to date.

Decision 38/33 — *Gratitude to IRENA presenter*

The CAB expresses its gratitude to Mr Francisco Boshell for his presentation, CAB/1422/INF, is encouraged by the links that have already been established between the two organisations and encourages future beneficial interaction and exchanges between IRENA and IECRE.

Annex A to CAB/1464A/DL

Consent Agenda documents (from agenda CAB/1420B/DA)		
Document number	Subject	Agenda item N°
C/1913/INF	Appointment by Council in Minsk of two “Automatically Appointed Members” of the Conformity Assessment Board (CAB) for a three-year term of office (2016-2018).	4.10
C/1914/INF	Election/re-election by Council in Minsk of two members of the Conformity Assessment Board (CAB) for a three-year term of office (2016-2018).	4.10
CAB/1353/INF	Document submission and distribution Timeline Table – effective immediately.	4.6
CAB/1401A/RM	Confirmed report of CAB meeting 37 held in Geneva on 2015-06-15.	4.1
CAB/1410/INF	Summary on the Standardization Management Board (SMB) decisions of interest to the CAB taken at SMB Meeting 153 held on 16 June 2015.	8.2.2
CAB/1411/INF	Report to the Council Board by the CAB Chairman following the CAB meeting held in Geneva on 2015-06-15.	8.1.1
CAB/1414/AC	CAB Policies document.	4.7 & 6.4
CAB/1415/INF	Report to the Council Board by the SMB Chairman following the SMB meeting held in Geneva on 2015-06-16.	8.1.2
CAB/1416/INF	Minsk – Belarus Conformity Assessment Workshop information – programme.	5.2
CAB/1425/INF	Report to the Council Board by the MSB Chairman following the MSB meeting held in Cleveland on 2015-06-26.	8.3
CAB/1441/INF	List of members of CAB as of 2015-08.	4.8
CAB/1442/INF	CASCO road map, publications and meetings calendars, August 2015.	9.1.1
CAB/1460/INF	2016 and 2017 deadlines for CAB documents and comments. Deadlines for submission and approval of CA Systems’ budgets and for submission of audited accounts. Dates for “1906” Awards and “Thomas Edison” Awards nominations.	4.6
SMB/5617/DL	List of decisions taken at SMB meeting 153, held on 2015-06-16, in Geneva, Switzerland.	8.2.2
SMB/5626A/RM	Confirmed summary report of SMB meeting 153, held in Geneva, Switzerland, on 2015-06-16.	8.2.2

ANNEX B TO DOCUMENT CB/770/R

Original Council Board implementation points (IPs) (from C/1867/DV)		STF recommendations, Status and Actions (Recommendations as originally defined in CAB/1293/INF.)		
	DESCRIPTION		STATUS	ACTIONS NEEDED
IP1	Consider how to secure the interests of industry, Certification Bodies, Testing Laboratories and regulators in CA decision-making processes. (O2)	R1	<p>1) Current stakeholder representation within each of the four Systems differs. STF understands that it needs to get its message to both industry and regulators, but recognizes that regulators act as a magnet for industry participation. Therefore regulator participate will have a leveraging effect on industry participation.</p> <p>2) CAB & SMB documents CAB/1452/INF & SMB/5672/INF, propose industry participation in IEC CA Systems as a second path to involvement in SD.</p>	<p>WG 14 mandate, final report expected June 2016.</p> <p>CAB Decision 38/9 approved this approach and awaits SMB results.</p>
IP2	Consider opportunities to enhance recognition by the end-user of the benefits of IEC CA services. (O2)	R1	<p>1) Promotional initiatives by WG 14 will help in this pursuit. The message should be that the IEC logo on the certificate shows that it is international and therefore adds value.</p> <p>2) IECEx, IECQ and IECRE (future) issue certificates from the online certificate database. All those certificates have the IEC logo at the top. So end-user recognition is already well enhanced.</p>	WG 14 mandate, final report expected June 2016.
IP3	Continue its work to harmonize the CA System's Basic Rules and to notify the CB once the final version has been approved. The CAB is also requested to include a statement in the CA Systems' harmonized Basic Rules that allows the CA System to decide on other sources of income, including other fees assigned to any service deliverables provided by the CA System. (O4)	R3	<p>1) The HBR are in a process that should lead to their approval by CAB no later than in June 2016. It is then expected that the HBR will be implemented by the CA Systems from January 2017 with a one year transition period.</p> <p>2) The HBR include the required statement concerning "other sources of income".</p>	<p>No action by STF.</p> <p>CAB Decision 38/8 tasked WG 11 with reviewing HBR comments from CA Systems and reporting to CAB (at latest by June 2016).</p> <p>Implemented. See HBR clause 13.3</p>

		R9	3) As of 2015, all CA Systems report good financial health with indirect expenses owed to the IEC CO already fully covered.	Implemented.
IP4	Establish mechanisms to promote the unification of the core rules and processes of the various CA schemes as much as possible. (O4)	R4	<p>The HBR are one big step towards harmonized rules. STF has also proposed the concept of the scheme rules toolbox. Peer assessment was identified as an initial tool and CAB/1379/INF shows a comparison between the CA Systems.</p> <p>In IP4, the statement “and processes” prompted the question how far down ? The reply was as far as necessary to find core processes. It was further commented that harmonizing should not be simply for harmonizing’s sake, but there should be some added value. And the members still need to “own” their processes.</p>	<p>The current toolbox concept is one that simply applies the existing policy that any new CA scheme should first look at the scheme rules of the other Systems before creating new rules.</p> <p>The toolbox is therefore not centralized, or managed and divergence could be a future issue.</p> <p>The STF considers that this concept is already implemented.</p>
IP5	Consider how to simplify the introduction of new CA activities. (O4)	R7	In addition to the toolbox approach, the STF proposed the concept of incubation. Newly required services should not come as a surprise because they should be tracked on the master-list. The incubator is a stage between the master-list and a fully operational CA scheme.	Incubator concept needs to be fully developed. Processes need to be developed to determine how and when a new service should be raised from the master-list and be moved into the incubation stage.
IP6	Develop a plan to deal with business development and business watch, for endorsement by the CB. As part of this plan, the CAB should consider a CAB-level mechanism to identify and incubate new CA services inside and outside of the existing CA Systems, including the financial aspect. According to the self-financing principle of the CA Systems, the financial resource for such activities should be considered especially for incubating a new CA service outside an existing	R5	<p>1) STF proposes a centralized “future-business master-list” (BizL), then an incubation stage. A model for the BizL was proposed in Annex B of CAB/1450/R.</p> <p>2) It is understood by STF that the self-financing criteria as established by the IEC General Secretary is a period of three years following the full launch of a new scheme after incubation. This is consistent with the past, where new schemes need time to take hold and then become</p>	If the BizL model given in Annex B of CAB/1450/R is accepted, then this concept needs to be implemented... Need to name BizL committee or working group. Need to develop links to TC/SCs and educate them. Need to develop links to consortia.

	CA System. The plan should also ensure that the CAB determines where new activities are developed before initial work commences. (O3)		very successful, such as the IECEx personal competencies scheme which took 6 years between the initial discussions for this scheme and the first certificates issued. If the market demand is proven, then the incubation period should be appropriate and not rushed.	
IP7	Work, together with the CA Systems, towards achieving a common governance structure and light-weight management of the CA Systems. This should respect the reality of the differences of the CA Systems and should enhance the smooth and efficient operation of the CA Systems. The CAB should report to CB on the progress by June 2015. (O4)	R8	<p>1) The HBR will help in achieving a “common governance structure”.</p> <p>2) Towards the goal of “light-weight management” the SFT proposed an Executive Group, for each CA System, to take operational decisions between MC meetings, if necessary. This is already the case in IECEx, IECQ and IECRE.</p> <p>IECEE had a different opinion, and use the “reality of the differences” and “smooth and efficient operation” to argue that they now extensively used decisions by correspondence between MC meetings to obtain the “smooth and efficient operation” and that adding another layer through an Executive would not necessarily create lighter-weight management.</p>	<p>No further actions by STF.</p> <p>Implemented.</p>
IP8	Mandate the CA Systems to establish common mechanisms (for approval by the CAB) to monitor and support full representation of national interests within their Member Bodies, particularly for those bodies notified by NCs for CA System membership. (O2)		<p>1) The STF considered that clause 5.1 of the HBR was already the mandated mechanism for the CA Systems to obtain “full representation of national interests within their Member Bodies”.</p> <p>2) Additionally, STF recognized that there was already an escalation process in place that allowed “industry” to appeal if it felt its participation was being blocked or impeded by a Member Body.</p> <p>3) Some comments received concerned the difficulty smaller countries had to attract participation from their very small industry pools.</p>	<p>Will be implemented with new HBR.</p> <p>CO internal procedures of escalation.</p>
IP9	Seek regular reports from the	R1	1) Current stakeholder	WG 14 mandate,

	CA Systems on the results achieved by their outreach activities to enhance stakeholder involvement, including users of CA services. (O2)		<p>representation within each of the four Systems differs. STF recognized that the message to acceptance interests (eg regulators, insurance interests, etc) should have greater focus than in the past.</p> <p>2) All CA Systems already report on outreach activities in their annual reports.</p> <p>3) The CA Systems set goals in their annual budgets for promotional and outreach activities, and they respect those budgets. It is difficult to measure the “bangs for bucks”.</p>	<p>final report expected June 2016.</p> <p>Implemented</p> <p>Implemented</p>
IP10	Require the CA Systems to include indirect expenses owed to the IEC in their budgets (in addition to the direct expenses which are already included). (O5)	R9	As of 2015, all CA Systems report good financial health with indirect expenses owed to the IEC CO already fully covered.	Implemented.



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CB/764/R

2015-08-11

INTERNATIONAL ELECTROTECHNICAL COMMISSION

COUNCIL BOARD (CB)

SUBJECT

Report from the Market Strategy Board (MSB) following its meeting held in Cleveland, US on 2015-06-26

BACKGROUND

The MSB formed 4 Task Groups to help further identify emerging technologies. A new White Paper project was approved for 2016.

ACTION

The MSB submits the report (document **CB/764/R**) on its 2015-06-26 meeting to the CB.

1 Review of activities since the meeting in Paris

The White Papers ***Orchestrating infrastructure for sustainable Smart Cities*** and ***Internet of Things: Wireless Sensor Networks*** were published as planned. As of June 2015 there are six White Papers and one Technology Report available for distribution, and these papers have been promoted in various contexts.

2 White Paper on “Strategic Asset Management of Power Networks”

Mr. Takebe, Project Leader, reported on the draft white paper “Strategic Asset Management of Power Networks”. He began by informing the members that there are many challenges regarding asset management that utilities are facing and there is great variation on how to practice asset management in the market and the lack of consensus on what the best practices are.

Mr. Takebe noted that the paper was prepared following extensive industry consultation, with three international workshops being held around the world, attended by electricity network businesses, equipment manufacturers, research institutions and other standards organizations.

He concluded that the paper provides a good analysis of the practice of asset management in the electricity power network sector and identified areas of asset management practice that could benefit from international standards. He stressed that collaboration with CIGRE is important to the development of these standards.

SMB Chairman Mr. Matthews offered to consider a proposal on how to organize a working team to proceed to the next step together with CIGRE. MSB Secretary Mr. Lanctot will follow up with the SMB and Mr. Takebe.

The members then approved the white paper for publication. The paper will be ready in time for the 2015 IEC General Meeting in Minsk, Belarus.

3 White Paper on “Factory of the Future”

The intent of this paper is to assess worldwide needs, trends, related and emerging technologies in the area of study in order to support the benefits of Factories of the Future to the IEC’s customers. The Project Team Leader, Mr. Fogal explained to the members that the Factory of the Future white paper was very ambitious, exhaustive, and includes most everything that factories will experience in the coming years. However he believed that the draft paper submitted to the meeting was missing metrics for the dimension of economics (cost) and the dimension of time. He recommended that the paper be revised to include these metrics, and informed the members that the project team will be tasked to update the paper in time for Minsk.

4 Responsibilities of IEC Masterplan 2011

MSB Convenor Dr. Shu reminded the meeting that attention of the MSB members should be placed on holding events on MSB activities so that the IEC can identify and address any associated standardization needs. To spur this Dr. Shu enlisted 4 Task Force groups made up of 3-4 MSB members each to hold a short breakout session as part of the meeting. The topics of each task force were related to IEC relevant technology areas that were introduced by members in previous Round Table discussions. Dr. Shu anticipates the outcomes from the Task Force groups will help further identify emerging technologies and could initiate new white papers, and high level forums, symposia and workshops; these outputs would build stronger influences for the work of the IEC.

The task force groups will identify emerging technologies in:

- Market Strategy Derived from Global Concerns (transportation, Infrastructure, Healthcare);
- ICT – New Trends in Cloud, Storage, Big Data, Media Coding Analytics and Inexpensive Sensors; Cyber Physical Systems
- Smart Homes/Buildings
- Development and Technology Trends of Power Generation (Photovoltaic Plants)

Dr. Shu and the Secretary Mr. Lanctot will regularly follow up with each task force group and report again for the 2016 meeting.

5 Launch of Projects

The MSB members voted to launch a white paper project for delivery in 2016 on **Secure Internet of Things (IoT) and Smart Product Platform**.

Mr. Leukert from SAP presented plans for a new White Paper project to be launched on Secure Internet of Things (IoT) and Smart Product Platform. He noted that the market size for platform, applications, and analytics components for IoT are expected to reach ~\$160B by 2017 and ~\$250B by 2020. The Smart Product Platform ensures the flow of data to/from the device through the network, allowing the collection, storage and analysis of “thing” related information, and the integration of enterprise and IoT-specific applications. The platform provides means for processing and lifecycle management of the mass of endpoint data in an integrated way – across different data types and processing technologies.

An academic partner will be decided in advance of the first project team meeting. It is planned to publish the White Paper in time for the 2016 General Meeting in Frankfurt.

6 Date of the next meeting

Dr. Takeda invited the MSB to hold its next meeting in Tokyo, Japan on 01 July 2016. A technical visit hosted by Dr. Takeda and Hitachi will take place the day before the MSB meeting.

7 Points discussed by the members in the Round Table session on 2015-06-26

- API - application program interface, and a set of routines, protocols, and tools for building software applications to allow interfaces to drive core values of the IEC (Mr. Fogal)
- Reinforced the value of systems committees in standardization for industry, as products need to behave as objects; and ensuring products have a data model to bridge the gaps between them (Mr. Brosset)
- What is the Next Generation Energy System? (Mr. Lv)
- IoT Industrial collaboration – IEC's roles (Mr. Xuemin Wang)
- Power Systems Engineering based on Next Generation Energy Supply: PV, Total Demand, Efficient thermal power operation (Mr. Takebe)
- Update and information on the Australian NC's reorganization (Dr. Oppermann)
- The IEC should leverage its core strength to connect data with users and data service centers. Cyber Security and IoT are an essential part of this. (Mr. Adams)
- New infrastructures for the impact of disasters on Social Systems; and Transportation systems for safety (Dr. Tsutsumi)
- Exploration and Practice of Haier's Interconnected Factory (Mr. Ye Wang)
 - Whole-Process Interaction: Real-time networking and interacting between global users, R&D resources, suppliers, foundry and automation systems via open eco-system
 - User-centered Mass Customization: Consumers no longer look on products only, but are now participating in whole process by initiating era of "self-customized production"
 - Convergence of Virtual Reality: Transparent Processes and Virtualization

MSB Membership as of 1 July 2015

Chairman

Dr. Junji NOMURA

IEC President

Convener

Dr. Yinbiao SHU

IEC Vice-President

Members' ex-officio:

Dr. Klaus WUCHERER

IEC Immediate Past-President

Mr. James E. MATTHEWS III

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Dr. Ulrich SPINDLER

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IEC Treasurer

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Mr. Richard ADAMS

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Mr. Pascal BROSSET

Schneider Electric

Mr. Daryll FOGAL

Tyco International

Mr. Klaus HELMRICH

Siemens AG

Dr. Haksun KIM

Samsung Display Co.

Mr. Bernd LEUKERT

SAP

Mr. Tingyan LV

China Datang Group Corporation

Dr. Ian OPPERMANN

SIRCA Technology

Mr. Toshiro TAKEBE

Tokyo Electric Power Company

Dr. Haruo TAKEDA

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Dr. Kazuhiko TSUTSUMI

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Haier Group

Secretariat

Mr. Peter LANCTOT

IEC Central Office