



**USNC TECHNICAL MANAGEMENT COMMITTEE
DRAFT MINUTES**

WebEx

Wednesday, 1 September 2021

10:00 AM – 2:30 PM (EDT)

(Meeting #64)

Members Participating

Sonya Bird, USNC VP – Technical, Chair

Hae Choe, Vice Chair

Zekarias Bekele

Ethan Biery

Wynn Bowman

Jonathan Colby

Valara Davis

Vincent Ferretti

William Fiske

Toby Gillespie

Paul Green

Megan Hayes

Byron Horak

Timothy Jeffries

William Lawrence

Calvin Luong

David Osborn

Florence Otieno

Rui Peng

Charley Robinson

Matthew Williams

Wallie Zoller

Kevin Lippert, USNC President

Steve Rood, USNC VP – Finance

Joan Sterling, USNC VP – Conformity Assessment

Tony Zertuche, USNC General Secretary

Underwriters Laboratories

AAMI

CSA

Lutron Electronics

Star Associates International

ARESCA

Underwriters Laboratories

Corning Incorporated

Intertek

GE

Intel

NEMA

Intertek

Futurewei Technologies

FM Approvals

CSA

Philips

TIA

FDA

ISA

AHAM

Rockwell Automation

Eaton

Legrand

Intertek

USNC/ANSI

Members Not Participating

Kerriane Haresign

Laura Lindsay

CTA

Microsoft

Guests Participating

Kirk Anderson

Ron Borowski

Steven Cornish

NEMA

Eaton

ANSI

Avalyne Diotte	Policy Horizons Canada
Tim Duffy	Rockwell Automation
Elaina Finger	Corning Incorporated
Brent Hartman	CSA
George Kelly	Sunset Technology Inc.
Veronica Lancaster	CTA
Steve Margis	UL
Emily Marshall	University of Chicago Medicine
Evans Massey	ABB
Alec McMillan	Retired
Edward Mikoski, Jr.	ECIA
Paul Moliski	Intertek
Philip Piqueira	Underwriters Laboratories
Amy Phelps	NIST
Peter Pondillo	Corning Incorporated
Bob Sherwin	EAPC Wind Energy
Joe Tretler	ANSI
Adelana Gladstein	USNC/ANSI
Megan Pahl	USNC/ANSI
Betty Barro	USNC/ANSI

Section 1 – Organizational Matters

1.1 Welcome, Opening Remarks, Introductions

Ms. Sonya Bird, TMC Chair, called the meeting to order at 10:00 AM (EDT). Ms. Bird welcomed guests from the USNC Young and Emerging Professionals (YEP) Committee who were observing the USNC Management Meetings. She also welcomed the newest USNC staff member, Ms. Betty Barro.

While no new TMC members were approved since the May meeting, Ms. Bird noted that there was an active USNC Council ballot to approve Mr. Ron Borowski (Eaton) as a TMC member.

1.2 Approval of the Agenda

Ms. Bird drew attention to the meeting's draft agenda, USNC/TMC 1127A. No additional items were proposed. It was moved and seconded.

VOTE #1 To Approve the Agenda (USNC/TMC 1127A)

(This motion was approved unanimously)

1.2.1 Approval of Consent Agenda

Ms. Bird reviewed the consent agenda, including the TMC Minutes from the virtual meeting on 19 May 2021. It was moved and seconded.

**VOTE #2 To Approve the Minutes (USNC/TMC 1126) from the virtual
TMC Meeting held on 19 May 2021**

(This motion was approved unanimously)

- a) Report on Appointments/Reappointments
- b) US Hosted Meetings

1.2.2 Approval of Balance Agenda

Section 2 – Status of Outstanding Action Items

Ms. Ade Gladstein reviewed the outstanding action items from the previous meeting.

ACTION ITEM #2021 – 5 - 1 – USNC staff will continue to work with ANSI IT or an outside vendor to explore other online voting system options

Status: ONGOING

After receiving feedback from the USNC Officers and members, USNC staff developed an online voting system proposal for ANSI IT. The ANSI IT team was looking into several outside off-the-shelf tools based on the requirements that USNC staff provided. They presented their top three options and provided a demo of the tool that would meet the USNC’s needs. It is user friendly and intuitive for members to submit their votes, and allows for customizable ballots, automated reminder emails, and an archive of historical voting data.

As a next step, USNC staff will test the online voting tool out and see if the platform is the right fit before providing a demo to the USNC Officers and USNC policy committee members.

ACTION ITEM #2021 – 5 - 2 – Dave Osborn to schedule CENELEC TF meeting

Status: COMPLETED

The task force met in June, and has been communicating via email since the meeting.

ACTION ITEM #2021 – 5 - 3 – USNC staff to schedule a call with Steve Margis, Tim Duffy, Sonya Bird, Tony Zertuche, Frances Cleveland, and Lee Neitzel to discuss IEC 62443 and the horizontal standards issue

Status: COMPLETED

The group met in June to discuss this topic. The CAB Chair, Mr. Shawn Paulsen, raised the issue during his report at the July SMB meeting. SMB then asked the Advisory Committee on Information Security and Data Privacy (ACSEC) to send a QP (Question of Principle) document recommending the allocation of a horizontal function. SMB/7386/QP was circulated, which assigns the horizontal function to TC 65 *Industrial-process measurement, control and automation*.

ACTION ITEM #2021 – 5 - 4 – USNC staff to circulate a follow up call for participation in the VTAG to SG 12

Status: COMPLETED

Two additional volunteers have joined the VTAG since the call was circulated in June.

ACTION ITEM #2021 – 5 - 5 – USNC staff to review USNC webpages to ensure that there is sufficient information on opportunities for participation in USNC and IEC groups. Develop a plan on how to display TAG rosters on the USNC webpages, pending privacy issues.

Status: COMPLETED

USNC staff worked with the ANSI Webteam to modify the “Latest Headlines” section on the Introduction tab on the USNC webpages to include opportunities for participation and engagement in USNC and IEC groups. Going forward, USNC constituents will continue to receive email updates from staff and be able to check the USNC webpages as well.

USNC TAG rosters are now included as a tab under the USNC Dashboard. Each TAG participant has their name and organization displayed, and users can filter by organization or the TAG itself to review TAG participation.

ACTION ITEM #2021 – 5 - 6 – Sonya Bird and Tony Zertuche to reach out to Tom Blewitt regarding conformity assessment representation on the ACOS task force. US CAB representatives to raise this topic for discussion at the CAB level.

Status: COMPLETED

Ms. Bird reached out to the US Advisory Committee on Safety (ACOS) representative, Mr. Tom Blewitt, in June regarding conformity assessment representation on the ACOS Collaborative Safety Task Force. Mr. Blewitt shared that Canada’s CAB Alternate Mr. David Brière participates in this group. USNC staff provided an email update to Ms. Joan Sterling, Mr. Tim Duffy, and Mr. Steve Margis on this issue.

ACTION ITEM #2021 – 5 - 7 – Tony Zertuche to invite Canadian experts to a future TMC meeting to present on bio-digital convergence

Status: COMPLETED

Section 3 – Bio-digital Convergence

Ms. Avalyne Diotte, Policy Horizons Canada (PHC), provided an overview on bio-digital convergence (USNC/TMC 1130). She gave background on PHC, which is part of the Canadian government. PHC uses foresight to help the Government of Canada develop policy and programs by analyzing the emerging policy landscape, challenges, and opportunities; and by exploring forward-looking research. Foresight is the assessment of what might happen or be needed in the future, while exploring emerging policy implications. The objective of foresight is not to predict the future, but to look ahead and anticipate. A key feature of PHC’s work is identifying alternative plausible scenarios 10-15 years out. Canada is one of three countries that has a foresight office located in their government – the other two countries are Singapore and Finland.

PHC defines the emergence of bio-digital convergence in three ways: 1) physical integration of biological and digital entities; 2) coevolution of biological and digital technologies; and 3) conceptual convergence of biological and digital systems. Bio-digital convergence is opening up new ways to change human beings – bodies, minds, and behaviors; change or create organisms; alter ecosystems; sense, store, process, and transmit information; manage biological innovation; and structure and manage production and supply chains. Ms. Diotte confirmed that these innovations all exist today, but that scalability is a limiting factor. Bio-digital convergence is at the stage where it depends on ethical decisions and who is willing to adopt this technology or not.

Ms. Bird reminded the group that SEG 12 was recently established to focus on bio-digital convergence. She shared that a few US experts participate in SEG 12 and reviewed the scope, which is to investigate

current research and technology activities, identify critical challenges, and propose a roadmap for standardization in the area of bio-digital convergence; ensure close cooperation with and encourage participation from MSB; and engage with TC/SC/SyCs including JTC 1 and ISO, as well as with other market and policy relevant organizations, on existing standards and on the need for future standards related to bio-digital convergence. Ms. Bird noted that bio-digital convergence could be a good topic for discussion at the next joint TMB/SMB meeting as it is relevant for both ISO and IEC.

Ms. Bird thanked Ms. Diotte for joining the TMC meeting and providing the presentation.

Section 4 – MSB White Paper Project Proposal

Ms. Bird drew attention to the latest MSB white paper project proposal: *Zero-carbon power system based primarily on renewable energy*. The MSB/250/INF document and the presentation within the document were reviewed during the meeting. MSB is forming a task group to work on this white paper. The timeline for the project will be from October 2021 to May 2022. A call for experts was circulated to relevant USNC TAG Officers. Mr. Jonathan Colby will participate in this group through his role as IEC/TC 114 Chair. *Subsequent to the TMC meeting and in response to the call for membership, Mr. George Borlase of Underwriters Laboratories was added to the task group.*

Section 5 – Frankfurt Agreement/CENELEC Update

Mr. Dave Osborn provided a presentation (USNC/TMC 1138) and verbal update on the state of the Frankfurt Agreement (FA) and IEC’s relationship with CENELEC. The CENELEC TF recently created a guidance document on how to invoke the FA with CENELEC, which is [located here](#) in the [USNC Toolbox](#). Mr. Osborn also pointed out that another guidance document is available in the USNC Toolbox, the ["In Some Countries" Guidelines](#). Mr. Osborn emphasized that additional training is needed on the “In Some Countries” clause for USNC TAG officers. He recommended that the “In Some Countries” clause guidance document is recirculated to USNC TAG officers, and included as a topic for discussion in the USNC TAG Leadership and IEC Effective Participation trainings. The USNC Communications Committee Chair, Ms. Elaina Finger, shared that the IEC Effective Participation Course was revised recently for the webinar that was just held in August. The USNC Communications Committee will update the course to include details on the “In Some Countries” clause guidance.

ACTION ITEM #1: Include “In Some Countries” clause as a topic in the USNC TAG Leadership Workshop and IEC Effective Participation Course. Recirculate the “In Some Countries” guidance document to USNC TAG leadership.

Mr. Osborn highlighted several ongoing challenges, including divergence of the technical requirements between European Norms (EN) documents and IEC documents; common modifications in ENs; and standards intended to fulfill European regulatory legislation (mandates, standardization requests, role of Annex Z, role and processing regarding HAS-Consultant review and Commission desk officer review).

CEN and CENELEC held a webinar in July on “Harmonized European Standards: Drafting standards compliant with EU legislation”. The webinar is available online in two parts: [Part 1](#) and [Part 2](#), and the presentation (USNC/TMC 1139) was circulated. The webinar describes the process for regulated sectors.

Mr. Vince Ferretti volunteered to take Mr. Steve Swanson’s place on the TF as he is no longer active in USNC activities.

Ms. Bird thanked Mr. Osborn for his leadership of the task force.

Section 6 – IEC Committee Reports

6.1 Advisory Committee on Information security and data privacy (ACSEC)

Dr. Frances Cleveland provided a written report (USNC/TMC 1131) on ACSEC's activities. Dr. Cleveland agreed to another term on ACSEC, and was thanked for her continued participation in the group.

During last TMC meeting, questions were raised during the ACSEC report. A separate meeting was held with Mr. Steve Margis, Mr. Tim Duffy, Ms. Sonya Bird, Mr. Tony Zertuche, Dr. Frances Cleveland, and Mr. Lee Neitzel to discuss IEC 62443 and the horizontal standards issue. TMC members were encouraged to provide their input on SMB/7386/QP by September 3 as the SMB vote was scheduled to close on September 10. The US CAB Alternate, Mr. Tim Duffy, suggested that the US SMB Member and Alternate contact their SMB colleagues to garner support for the document.

ACTION ITEM #2: Sonya Bird and Tony Zertuche to reach out to SMB members for support on SMB/7386/QP *Horizontal function for OT cybersecurity horizontal publications derived from IEC 62443 to TC 65*

6.2 IEC SyC Smart Cities

Ms. Florence Otieno provided a written report (USNC/TMC 1136) on SyC Smart Cities' activities. Ms. Otieno requested additional US participation on three established SyC Smart Cities advisory groups: Cooperation Advisory Group; Communications, Outreach, Promotion & Advocacy Advisory Group; and City Observatory & Research Advisory Group. The Terms of Reference are listed in the report Ms. Otieno provided. TMC members were encouraged to contact Ms. Otieno if they were interested in any of these advisory groups.

There were no questions raised and she was thanked for the report.

6.3 Advisory Committee on Energy Efficiency (ACEE)

Mr. Kirk Anderson provided a written report (**ATTACHMENT A**) on ACEE's activities. There were no questions raised and he was thanked for the report.

Section 7 – IEC SMB Reports

7.1 Report of SMB Groups

ahG 89 – *Review of standards development process* – ahG 89 is in the middle of analyzing the information from the questionnaires the group received. The next meeting was scheduled for September 2. Given the amount of work that needs to be completed, the group is requesting an extension until the SMB meeting in February 2022. TMC members were encouraged to review the interim report, SMB/7398/R.

ahG 91 – *IEC Strategic Plan and Operational Plan* – This ahG was established to provide input on the IEC Strategic Plan and SMB Operational Plan to the IEC Council Board Strategic Plan Task Force (SPTF). This group is very active, and has met seven

times to date. The next meeting was scheduled for September 3 to finalize the ahG's recommendations for SMB approval. For additional information, please see **ATTACHMENT B**. Mr. Kevin Lippert, SPTF member, highlighted that the SMB information and recommendations that the ahG Co-Convenor, Mr. Vimal Mahendru, provided was very well received by the SPTF. Mr. Lippert noted that the other leading entities (MSB, CAB, and National Committees) should provide detailed feedback as well. Input from USNC policy committee members on the IEC Strategic Plan was due to USNC staff by September 2 for USNC Officers' consideration as they submit comments on behalf of the USNC.

7.2 SG 12 – Digital Transformation and Systems Approach

Mr. Zertuche provided an update on SG 12 efforts, noting that the group has been very active. IEC Council Board (CB) approved SG 12's work on a new standards development process. While it is still just a proposal, IEC CB has provided their support to see if the SMART Standards Concept is a viable option for the standards development process.

7.3 IEC Directives Maintenance Team and Joint Directives Maintenance Team

Mr. Zertuche provided updates from the recent virtual DMT meeting. DMT met last week and mainly discussed the Annex SL supplement on standards in database format. DMT members focused on the clarity of the text, ensuring balanced membership, and making sure clauses in the Annex are in line with the ISO/IEC Directives, as noted in the most recent DMT report (SMB/7396/R). Annex SL will be circulated to SMB for their approval.

JDMT is scheduled to meet in Vienna, Austria in late November/early December depending on the situation surrounding the pandemic. It has yet to be determined if the meeting will be held in-person, hybrid, or virtually. Mr. Zertuche noted that the SMB was one vote short to approve the decimal point issue. ISO and IEC staff are going to do more research and consider technical solutions to see how decimal and comma can both be accommodated.

Section 8 – Standardization Management Board (SMB) Issues

8.1 Review of Decisions from SMB Meeting in July 2021

Ms. Bird reviewed the decisions taken at the virtual SMB meeting held in July 2021. She highlighted the following items from the SMB decision list that was previously distributed with the draft agenda (SMB/7360/DL):

- *SMB Decision 171/3 – ahG 88 Covid induced consequences* – ahG 88 encouraged joint work with ISO, including the development of joint guidance regarding virtual and hybrid meetings post-COVID. The group also recommended that SG 11 considers new standards needs due to the pandemic. ahG 88 requested that IEC CO look at improved IT tools, considering the ongoing need for virtual and hybrid meetings. This ahG was disbanded.
- *SMB Decision 171/4 – ahG 90 Prioritization of SMB work and performance/success measurement of technical work* – ahG 90 focused on establishing key performance indicators (KPIs). The group requested that IEC

CO follows up on the implementation of a dashboard incorporating initial metrics proposed by ahG 90. The dashboard will be presented to SMB for further discussion and feedback.

- *SMB Decision 171/6 – SG 12 Digital Transformation and Systems Approach* – SMB noted that Council Board had decided in its last meeting to set up a Task Force in response to the SG 12 recommendation to address the resource, commercial, legal and member implications of the IEC SMART Standards Concept.
- *SMB Decision 171/8 – SEG 10 Ethics in Autonomous and Artificial Intelligence Applications* – SMB acknowledged that the scope of the proposed Advisory Committee on Ethics in Standards (ACES) would need to be adjusted before making a final decision. SMB requested that SEG 10 propose a revised scope, ensuring that it is not restricted to Autonomous and Artificial Intelligence Applications, that collaboration with ISO is included, and that comments made by SMB members, JTC 1, and ACOS are taken into account.
- *SMB Decision 171/11 – Database Reference Group (DBRG)* – SMB discussed the urgency of this matter and assigned the advisory role on standards in database format to SG 12. Regarding licensing and commercial access mechanisms for standards in database format, SMB noted that this matter was outside its scope of responsibility and asked the Sales Advisory Group (SAG) to consider Annex F of the final DBRG report and make appropriate recommendations.
- *SMB Decision 171/13 – Conformity Assessment Board (CAB)* – CAB expressed concern on the poor response from some TCs/SCs to the delivery of Decision Sheets. SMB encouraged TCs/SCs again to respond in a timely way to such requests and tasked IEC CO to report the response rate and response time as part of the statistics of the technical work. The US CAB Alternate, Mr. Tim Duffy, suggested that the IEC Central Office sends a communication to the TCs/SCs regarding timely responses to Decision Sheets.

ACTION ITEM #3: Sonya Bird to reach out to IEC Central Office to recommend that they send a communication to TCs/SCs regarding timely responses to Decision Sheets

8.2 Overview of Joint TMB/SMB Meeting in August 2021

Ms. Bird provided an overview of the remote joint TMB/SMB meeting held in August 2021. TMB and SMB first met jointly in-person in 2019 to discuss areas of collaboration and cooperation, and have held virtual meetings since then. The two main topics discussed during the August meeting were the guidance document on virtual and hybrid meetings and TMB/SMB strategic partnership.

Mr. Steven Cornish, Co-Convenor of the ISO/IEC Joint Task Force on New Normal, shared that the JTF developed a guidance document for committees conducting virtual and hybrid meetings (**ATTACHMENT C**). The JTF provided five recommendations to TMB and SMB regarding next steps: approval of the guidance document, continuation of

the JTF, communicating to the technical community, post meeting survey, and online best practices resource.

Ms. Bird emphasized that work is needed between TMB and SMB to enhance collaboration and improve communication. A new JTF will be established and led by Chairs of TMB and SMB. Ms. Bird has volunteered as an IEC participant in this JTF.

The final report of the JTF on JTC 1 was approved at the SMB meeting in February. A progress report that provides an update on the status of the implementation of the JTF on JTC 1 recommendations was circulated recently by SMB (**ATTACHMENT D**).

TMB and SMB are planning to hold a face to face joint meeting in June 2022 in Geneva.

8.3 Review of Agenda for SMB Meeting in October 2021

Ms. Bird reviewed items to be discussed at the upcoming CAG and SMB virtual meetings in October. Please see **ATTACHMENT E** for a presentation on the CAG agenda and **ATTACHMENT F** for the latest SMB draft agenda.

The draft CAG agenda has been split into four separate meetings, and includes the following topics: new SEG on standardization for electrical equipment under extreme climate, environmental and disaster conditions; results from CB WG 3 Global relevance toolbox; SG 13 proposal for a new deliverable; Mapping Platform; Process of IEC input to the SPCG; SyC Secretariats; Copyright and licensing issues for “code components”; SEG 11 proposal for a new SyC Integration of Transportation and Energy (ITE); and Advisory Committee on Ethics and Standards (ACES) scope (SEG 10). Mr. Zertuche will present on the SyC Secretariats topic.

The next SMB meeting will be held in a hybrid format on 2-3 October 2021. Ms. Bird and Mr. Zertuche will participate remotely in this meeting. Ms. Bird highlighted the following agenda items:

3 – Thomas A. Edison Award. Four individuals will receive this award, including the USNC’s Mr. Jeroen Van Dam, Chair of IEC/TC 88.

ACTION ITEM #4: Invite IEC General Secretary & CEO Philippe Metzger to January USNC Management Meetings to meet with USNC Officers and present the 2021 Thomas A. Edison Award to IEC/TC 88 Chair Jeroen van Dam

5.3.1 – SG 11 *Hot Topic Radar*. A decision will be taken during the SMB meeting.

5.4.3 – Proposal from the Chinese NC for a SEG on standardization for electrical equipment under extreme climate, environmental and disaster conditions. Ms. Bird reminded TMC members that input on proposal was due by 3 September.

6.3 – TC/SC/SyC monitoring and performance improvement. SMB will receive presentations from four groups at a separate meeting later in October (TC 57, TC 88, SyC LVDC, and JTC 1).

Section 9 – IEC General Meeting

9.1 IEC General Meeting

Ms. Bird announced that the USNC Officers decided that the USNC delegation will not attend the IEC General Meeting in Dubai in person, and will only participate remotely.

USNC Officers plan to meet bilaterally with Canada, Mexico, and Germany in September before the IEC GM, and with Australia in October after the IEC GM. TMC members are welcome to suggest topics, positions to reinforce, or other items for discussion for the agendas. Mr. Dave Osborn recommended that the USNC discusses the HAS Consultant/CENELEC issue during the bilateral meetings with Australia, Canada, and Germany,

9.2 IEC SMB Elections at the General Meeting

Ms. Bird reviewed the elections that would take place during the IEC General Meeting:

The appointment by Council of one “Automatically Appointed Member” of the Standardization Management Board (SMB) for a three-year term of office (2022- 2024). The automatically appointed member is Mr. Dongfang Li (China).

The election/re-election by Council of three members of the Standardization Management Board (SMB) for a three-year term of office (2022-2024). The candidates are Mr. Christian Gabriel (Austria), Mr. Jim MacFie (Canada), and Mr. Ali Pourakbar Saffar (Iran). Ms. Bird highlighted that there are three candidates running for two positions on SMB. Mr. Gabriel is completing his first term. Ms. Bird will share TMC’s recommendation to support the candidates from Austria and Canada with USNC Council.

Section 10 – USNC Subcommittee on Operating Procedures

Mr. Bill Lawrence, Chair of the Subcommittee on Operating Procedures (SCOOP), provided an update and written report on the Subcommittee's work, including the USNC TAG Model Operating Procedures (MOP) validation process. The unique operating procedures (UOP) for the USNC TAG to ISO/IEC JTC 1/SC 41 were approved by TMC via ballot in August. USNC staff contacted the last three outstanding TAGs who have not provided their TAG Operating Procedures. They were given a final notice that if their procedures were not submitted, that the USNC office will block their TAG experts’ access to WG/MT/PT activities and IEC TC documents. Responses were received from two of the three TAGs. One TAG submitted UOPs that SCOOP will review.

Ms. Bird thanked Mr. Lawrence for his leadership on SCOOP, and acknowledged Mr. Lawrence and Mr. Mikoski for their work to review the UOP for the USNC TAG to ISO/IEC JTC 1/SC 41.

Section 11 – Interface with Regional Organizations

Mr. Zertuche provided an update on the USNC’s regional outreach initiatives.

- **APCF**

The last APCF meeting was held virtually on 12 May 2021. The next APCF meeting will be held in a hybrid format during the IEC General Meeting in October. The upcoming APCF meeting will be more focused on the SPTF as well as the new normal and its impacts on the IEC going forward. APCF will meet in conjunction with the PASC meeting in May 2022. The location has yet to be determined.

- **FINCA/COPANT**

The USNC was scheduled to host the annual FINCA meeting virtually on 9 September 2021. The US is the current Chair of FINCA since the Chair’s term was extended by a year due to the pandemic. The next FINCA Chair in line per the rotation is Chile. Chile is very interested in this role, but needs to discuss this with their National Committee members before they can confirm. A call was circulated to the FINCA members looking for a new FINCA Secretary. Canada and Mexico have informally said that they could serve as the next Secretary.

The next COPANT meeting will be held in Barbados in April 2022. The exact dates have yet to be determined.

- **USNC Country Mentoring**

The two-year mentoring program with CROSQ and Vietnam was extended for a year due to the pandemic. Vietnam has not been as engaged and active in terms of participating in mentoring activities, which may have been due to the lack of travel during the pandemic and language barriers. CROSQ has been very responsive and has attended the meetings and webinars that USNC has invited them to. The USNC typically closes mentorships with a workshop. Mr. Zertuche pointed out that CROSQ is headquartered in Barbados. TMC to recommend to USNC Council that USNC hosts a workshop in conjunction with the April 2022 COPANT meeting in Barbados to culminate the IEC Country Mentoring Program.

- **PASC**

The next PASC meeting will be held in May 2022. The exact dates and location have yet to be determined.

Section 12 – Meeting Schedule 2021 and Beyond

The following future meeting dates were reviewed:

2021

FINCA Meeting
9 September 2021
Virtual

85th IEC General Meeting
3 – 7 October 2021
Dubai, United Arab Emirates (UAE)

2022

SMB Meeting
21-22 February 2022
Switzerland

CAB Meeting
13 June 2022
Geneva, Switzerland

SMB Meeting
14 June 2022
Geneva, Switzerland

Council Board Meeting
16 June 2022
Geneva, Switzerland

86th IEC General Meeting
31 October – 4 November 2022
San Francisco, USA

2023

87th IEC General Meeting
22 – 26 October 2023
Sharm-el Sheik, Egypt

Section 13 – Review of Action Items

Ms. Gladstein reviewed the action items captured during the 1 September TMC meeting.

- **ACTION ITEM #1:** Include “In Some Countries” clause as a topic in the USNC TAG Leadership Workshop and IEC Effective Participation Course. Recirculate the “In Some Countries” guidance document to USNC TAG leadership.
- **ACTION ITEM #2:** Sonya Bird and Tony Zertuche to reach out to SMB members for support on SMB/7386/QP Horizontal function for OT cybersecurity horizontal publications derived from IEC 62443 to TC 65
- **ACTION ITEM #3:** Sonya Bird to reach out to IEC Central Office to recommend that they send a communication to TCs/SCs regarding timely responses to Decision Sheets
- **ACTION ITEM #4:** Invite IEC General Secretary & CEO Philippe Metzger to January USNC Management Meetings to meet with USNC Officers and present the 2021 Thomas A. Edison Award to IEC/TC 88 Chair Jeroen van Dam

Section 14 – Adjournment

Ms. Bird thanked USNC staff for their support of the virtual Management Meetings and thanked everyone who participated. She adjourned the meeting at 1:50PM (EDT).