USNC TECHNICAL MANAGEMENT COMMITTEE
DRAFT MINUTES

Tuesday, January 28, 2025
1:00 – 4:00 PM (ET)
(Meeting #74)

TMC Members in Attendance

Hae Choe, USNC VP – Technical	NEMA
Dave Osborn, TMC Vice Chair	Philips
Veronica Lancaster, USNC President	CTA
Pete Pondillo, USNC VP - Finance	Corning
Joan Sterling, USNC VP – Conformity Assessment	NEMA
Steve Margis, IEC VP – Conformity Assessment	UL Solutions
Muhammad Ali	HP Inc.
David Anderson	FM Approvals
Ethan Biery	Lutron Electronics
Ladan Bulookbashi	AAMI
Jonathan Colby	Streamwise Development
Valara Davis	UL Standards & Engagement
Vincent Ferretti	Corning
Toby Gillespie	GE Vernova
Paul Green	HLM
Megan Hayes	NEMA
Bill Lawrence	HLM
John Park	AHAM
Robert Paxman	Intel
Wallie Zoller	Rockwell Automation

Guests In Attendance

Sonya Bird	UL Standards & Engagement
Ron Borowski	Eaton
Tim Duffy	Rockwell Automation
Michael Dunaway	NIST
Elizabeth George	HLM
Timothy Jefferies	Futurewei
Mike Leibowitz	NEMA
Laura Lindsay	INCITS
Lia Manukyan	CTA
Ed Mikoski	ECIA
Paul Moliski	Intertek
Bob Sherwin	ARESCA
Karen Willis	NEMA
Tony Zertuche	IEEE-SA

Joe Tretler	ANSI
Megan Pahl	USNC/ANSI
Betty Barro	USNC/ANSI
Mack Connors	USNC/ANSI
Suhey Estevez	USNC/ANSI
Catherine Pilishvili	USNC/ANSI

Section 1 – Organizational Matters

1.1 Welcome, Opening Remarks, Introductions

Ms. Hae Choe, TMC Chair, called the meeting to order at 1:02 PM (ET). She welcomed members and guests in the room and online. Meeting attendees provided introductions in person and over the phone.

1.2 Approval of the Agenda

Ms. Choe drew attention to the meeting's draft agenda, USNC/TMC 1284A. No additional items were offered. It was moved and seconded.

VOTE #1 To Approve the Agenda (USNC/TMC 1284A)
(This motion was approved unanimously)

1.2.1 Approval of Consent Agenda

Ms. Choe reviewed the consent agenda, including the TMC Minutes from the meeting on 11 September 2024 in Norwich, VT. It was moved and seconded.

VOTE #2 To Approve the Minutes (USNC/TMC 1283) from
the TMC Meeting held on 11 September 2024

(This motion was approved unanimously)

USNC staff to circulate the updated Staff Responsibility Handout to USNC Policy Committees and TAG Officers **(ACTION ITEM #1).**

a) US Hosted Meetings

b) Report on Appointments/Reappointments **(ATTACHMENT A)**

c) USNC TMC Roster

1.2.2 Approval of Balance Agenda

Section 2 – Status of Outstanding Action Items

TMC members had the opportunity to ask any questions they have regarding the resolutions from the 11 September 2024 meeting. The action items were reviewed; no questions were raised.

Section 3 – Standardization Management Board (SMB) Issues

3.1 Review of Decisions from SMB Meeting in October 2024

Ms. Choe reviewed important decisions taken at the SMB meeting held in October 2024. She highlighted items from the SMB decision list (SMB/8260/DL), including the

establishment of SMB ahG 98 on Zero Energy Buildings. It was noted that Mr. George Kelly is the US representative on this group. More on the activities of ahG 98 will be covered in section 7.3 of the agenda.

The current status of the IEC's online standards development (OSD) platform was also reviewed by the IEC SMB during their October 2024 meeting. Additional national committee requested functionalities were reviewed. SMB raised the importance of accelerating the adoption of OSD among IEC Committees and confirmed the decision made at SMB meeting 180 to make OSD the default program for all new projects starting 1 January 2025.

3.2   US Proposal on e-Labeling
Ms. Choe provided an update on the US proposal on e-labeling, which closed for vote on 6 December 2024. The U.S. proposal was approved by the IEC National Committees. A vote is currently open in SMB to approve the U.S. as Secretary. Included in the proposal was a nomination of Mr. Michael O'Boyle (U.S., Signify) to serve in this role. This vote closes on 14 February 2025 and will be discussed at the upcoming IEC SMB meeting.

It was noted that IEC SC 65E has published a document on e-labeling and IEC SC 31 has stated that they also have e-labeling related work. There is an IEC SMB CAG discussion on e-labeling scheduled, which will also focus on these related works.

3.3   Review of Draft Agenda for SMB Meeting in February 2025
Ms. Choe highlighted the important items on the draft agenda for the 26 February 2025 IEC SMB meeting to be held in Mexico City, Mexico (SMB/8320/DA). At the time of the TMC meeting, revised versions of the DA, which contains more detail, had not been distributed.

- I-NRG has a group on consortia. Ms. Choe is on this group and has attended one meeting. She will keep TMC updated on its progress.
- A joint task force on the governance of AI has been established. There has been an AI pilot to review submitted strategic business plans to identify any duplications or cross-over.
- Discussion around the Terms of Reference for a JTAG on ISO/IEC smart programs will be had at the upcoming IEC SMB meeting. TMC members expressed a concern about creating another group related to smart. Ms. Choe noted that this group will be comprised of IEC SMB and ISO TMB members and will report up to the IEC Board and ISO Council. In this way, this is not adding another group, but consolidating some efforts at the board level groups. Mr. Steven Cornish of ANSI is a member of this group. The reminder was also provided that IEC SMB and ISO TMB do not consider budgetary items and are being formed to provide technical input.

Section 5 – USNC Technical Advisory Group & IEC Technical Committee Updates

5.1   ISO/IEC JTC 3 on Quantum Technologies
Ms. Megan Pahl provided an update on ISO/IEC JTC 3 quantum technologies and its corresponding TAG. The last JTC 3 meeting was held on October 21 – 22, 2024 in Edinburgh, UK during the IEC General Meeting. Key discussions from this meeting were highlighted including, ahG reports, discussion of the JTC 3 substructure, membership, and liaisons.

TMC members in attendance at the October 2024 IEC JTC 3 meeting noted that the committee is still working through procedural items and finding their footing.

The next JTC 3 meeting will take place on May 26 – 28, 2025 in Tokyo, Japan and online.

5.2   **Review of US Leadership on IEC TCs/SCs/SyCs & USNC TAGs**
Ms. Choe reviewed current US leadership on IEC TCs/SCs/SyCs and USNC TAGs (USNC/TMC 1286). There was discussion around the format of this report; members requested modification be made to make for a better user experience.

USNC staff to modify the US IEC TC/SC/SyC & TAG Leadership Document for a better user experience. Some items to implement include: sorting by final term of office, separate leadership roles into different spreadsheet tabs. USNC staff to also ensure website is updated to reflect current leadership roles **(ACTION ITEM #2).**

5.3   **Concerns Raised by US Experts**
This is a standing TMC agenda item as a reminder to share any issues of concern with USNC leadership and with fellow TAG administrators. A few issues were raised for TMC's consideration:

- Issue with individuals being removed from national committees and simply transferring their participation to a different national committee. Ms. Choe will raise to SMB the issue of experts breaking the IEC code of conduct while affiliated with one national committee, being expelled, then being reinstated as an expert via another national committee **(ACTION ITEM #3).**

- Issue with a TAG Technical Advisor (TA) that is not fulfilling their duties. There is a change needed in the USNC Model Operating Procedures to include TAG TAs in the appeal/complaint process. Ms. Choe requested that SCOOP draft guidance for TMC's review on this item. SCOOP to address the appeals procedures for TAG leadership in the Model Operating Procedures; SCOOP to modify the MOP for TMC's review **(ACTION ITEM #4).**

- A concern in TC 124 was noted regarding an accepted project that is out of scope. More information will be share with TMC as appropriate.

Section 6 – IEC Committee Reports
US Representatives to IEC Committees were invited to provide written reports.

- **SEG 13 – Randy Dollar**
Mr. Randy Dollar provided a written report (USNC/TMC 1287) on SEG 13 activities. TMC members who have any questions about his report are encouraged to contact Mr. Dollar directly or USNC staff.

- **SyC SM – Wallie Zoller**
Mr. Wallie Zoller provided a written (USNC/TMC 1288) and verbal report on SyC SM activities. The last meeting was held in October 2024. It was decided during this meeting to propose an

open forum on smart manufacturing use cases and requirements. Initial members of this group include: Japan, Europe, USA, China, and Australia. This group will meet annually.

SyC SM continues to propose new work and create ad hoc groups bus has significant issues identifying sufficiently diverse groups of experts.

- **SG 11 – Bob Sherwin, George Kelly, Eric Franca**
  Mr. George Kelly provided a written (USNC/TMC/1288) and verbal report on the activities of SG 11. Membership of SG 11 was reviewed as well as the Hot Topics currently in focus. TMC members who have any questions on SG 11 are encouraged to contact Mr. Kelly directly, or USNC staff. It was noted that Ms. Choe was recently confirmed as co-convener for this group and that SG11 will be meeting on February 3, after the USNC meetings.

Section 7 – IEC SMB Reports

7.1 **SG 12 – Digital Transformation and Systems Approach**
Ms. Choe provided an update on SG 12 activities. There has not been a meeting since Ms. Choe joined the group; however, she noted that four methodology groups have been established under SG 12. SG 12 will continue to work hand-in-hand with Mr. David Nix on smart standards as they are being developed. The next meeting for SG12 will take place following the USNC meetings on February 4, 2025.

7.2 **IEC Directives Maintenance Team and Joint Directives Maintenance Team**
Megan Pahl provided updates on DMT/JDMT activities (USNC/TMC 1291). The last IEC DMT meetings were held on 19 November 2024 and 8 January 2025. The November meeting was focused on preparatory work ahead of the ISO/IEC JDMT meeting. The January 2025 IEC DMT meeting was to confirm recommendations to the IEC SMB.

The last ISO/IEC JDMT meeting was held 20 – 22 November 2024 with a main focus on alignment work. Decisions highlighted from this meeting included: ISO agreed to adopt Project Teams, ISO and JTC 1 agreed to adopt the language around fragments.

It was noted that with the IEC SMB decision to not have supplements in the Directives, ISO/IEC JDMT decided to not propose a 2025 revision of the ISO/IEC Directives Part 1, but rather propose these changes be held for the 2026 version where there will no longer be supplements. It was also noted that Annexes that cannot become common text may need to be transitioned to guides moving forward. Due to this IEC SMB directive, the ISO/IEC JDMT intends to meet more frequently in 2025 to meet their deadline.

The next IEC DMT meeting will be held virtually on 13 March 2025. The next ISO/IEC JDMT meeting will be held the week of 14 April in Sweden and the week of 17 November in the U.S.

7.3 **New SMB appointed groups:**

JTF AI, SMB/TMB Joint Task Force on Governance of Artificial Intelligence
Ms. Choe provided an update on JTF AI activities. This started as a group under the IEC SMB to develop guidance for the usage of AI in standards work. A short guidance was created and circulated within the IEC. At thelast meeting of the SMB/TMB, it was agreed that this group will be transitioned to a joint group. This is now a joint task force with

ISO TMB. There is a pilot program using AI in the works to review strategic business plans to see how the IEC can better manage work and avoid overlap.

ahG 97 Review of Systems Approach and Systems Committees (SyCs)
Ms. Choe provided updates on ahG 97 activities. ahG 97 is looking to see if systems committees are working out or if they need to be changed into something else.
TMC members who have specific concerns systems committee are encouraged to let Ms. Choe know. It was noted that some of the systems committees work very well with other technical committees on specific issues and on developing SRDs, however, this is not universally the case. The next meeting for this group is scheduled to be held on February 14, 2025.

ahG 98 Zero Energy Buildings (ZEBs)
Mr. George Kelly provided updates on ahG 98. This new group has met once and covers a limited task from IEC SMB which is to look at the landscape and provide any recommendations as to where standards work is needed in regard to zero energy buildings. The first meeting was focused on the scope of the group and included discussion around what "zero" means – the building or broader. A draft scope will be reviewed by the group at their next meeting.

Section 8 – Management and Communication Items

8.1 **USNC Subcommittee on Operating Procedures**
Ms. Valara Davis, Chair, provided an update **(ATTACHMENT B)** on the work of the Subcommittee on Operating Procedures (SCOOP). The SCOOP last met on 27 January 2025 to discuss the potential of an OSD supplement.

The full committee met on 21 November 2024 to complete the review of comments received on the USNC TAG Model Operating Procedures. Committee members discussed and reached consensus concerning all submitted comments.

Section 9 – Meeting Schedule 2024 and Beyond
The following future meeting dates were made available for awareness:

2025		
Date	Meeting	Location
28 – 30 January 2025	USNC Management Meetings	Miami, FL (AWS)
10-21 February 2025	IECEE WGs	Lake Forest
18 - 19 February 2025	IEC Board	Geneva, Switzerland
24 - 26 February 2025	IEC SMB	Mexico City, Mexico
5 March 2025	BAC	Virtual
12 March 2025	IEC Forum	Virtual
17-18 March 2025	IEC CAB	Mexico
7 - 11 April 2025	CASCO Plenary	Berlin, Germany
Week of 14 April 2025	MSB	Nanjing, China
5 – 10 May 2025	COPANT	Cuba
5 – 6 May 2025	GRAC	Geneva, Switzerland

5 - 9 May 2025	IECEx WG Meetings	Northbrook, IL
7 - 8 May 2025	BAC	Geneva, Switzerland
19 – 20 May 2025	PASC	Tokyo, Japan
19 – 21 May 2025	USNC Management Meetings	Evanston, IL UL S&E
10 - 13 June 2025	IEC SMB (including joint SMB/TMB meeting)	Geneva, Switzerland
9 - 13 June 2025 (TBC)	IEC CAB WG Meetings	Geneva, Switzerland
16 - 17 June 2025 (TBC)	IEC CAB	Geneva, Switzerland
19 June 2025	IEC Board	Sydney, Australia
Week of 23 June 2025	IECEE CMC	Finland
25 June 2025	BAC	Virtual
26 June 2025	IEC Forum	Virtual
23 July 2025	IEC Board	Virtual
12 – 14 August 2025	USNC Management Meetings	Pittsburgh, PA (Eaton)
15 -19 September 2025	IECEx MC Meetings	Kyoto, Japan
15 -19 September 2025	89th IEC General Meeting	New Delhi, India
29 September – 3 October 2025	ISO General Assembly	Kigali, Rwanda
25 - 26 November 2025	BAC	Virtual
1 - 5 December 2025	IEC CAB WG Meetings	Seoul, Republic of Korea
3 December 2025	GRAC	Virtual
10 December 2025	DAC	Geneva, Switzerland

2026		
Date	Meeting	Location
3 – 4 March 2026	IEC Board	Geneva, Switzerland
11 March 2026	BAC	Virtual
13 March 2026	IEC Forum	Virtual
26 – 27 May 2026	BAC	Geneva, Switzerland
28 – 29 May 2026	GRAC	Geneva, Switzerland
26 June 2026	IEC Forum	Virtual
5 August 2026	BAC	Virtual
2 September 2026	IEC Board	Virtual
13 October 2026	GRAC	Virtual
14 October 2026	DAC	Geneva, Switzerland
16 – 20 November 2026	90th IEC General Meeting	Hamburg, Germany
15 – 16 December 2026	BAC	Virtual

Section 10 – Any Other Business
Two additional items were discussed before the close of the meeting: feedback on the new meeting format and using the IEC Collaboration Platform as a U.S. discussion board.

The initial feedback on the new format for these USNC policy meetings was generally positive. Members noted that they didn't feel anything was missing from the TMC meeting; however, shared that a fully formed judgement was premature at this time.

Ms. Veronica Lancaster provided a brief update on the potential for using the IEC Collaboration Platform as a U.S. discussion board. USNC staff has been working with IEC IT to create this space. There will be two spaces: one for USNC TAG Officers only, and a second for all USNC TAG members.

Section 11 – Review of Action Items
Ms. Pahl reviewed the action items captured during the 28 January TMC meeting.

- **ACTION ITEM #2025-01-01:** USNC staff to circulate the updated Staff Responsibility Handout to USNC Policy Committees and TAG Officers.

- **ACTION ITEM #2025-01-02:** USNC staff to modify the US IEC TC/SC/SyC & TAG Leadership Document for a better user experience. Some items to implement include: sorting by final term of office, separate leadership roles into different spreadsheet tabs. USNC staff to also ensure website is updated to reflect current leadership roles

- **ACTION ITEM #2025-01-03:** Hae Choe will raise to SMB the issue of experts breaking the IEC code of conduct while affiliated with one national committee, being expelled, then being reinstated as an expert via another national committee.

- **ACTION ITEM #2025-01-04:** SCOOP to address the appeals procedures for TAG leadership in the Model Operating Procedures; SCOOP to modify the MOP for TMC's review.

- **ACTION ITEM #2025-01-05:** Going forward, USNC staff to attach management meeting documents in an email as opposed to in the calendar invite; only the agenda will be attached to the calendar invite.

Section 12 – Adjournment
Ms. Choe thanked everyone for attending. She closed the meeting at 3:58PM ET.