



United States
National Committee
of the IEC

USNC COUNCIL 677

3 November 2015

MINUTES USNC COUNCIL Meeting

Association for the Advancement of Medical Instrumentation (AAMI) Arlington, VA

Thursday, 24 September 2015
(Meeting #46)

Members Participating

Philip M Piqueira (Chairman)
Joe Bhatia
Sonya M Bird
Timothy T Duffy
Mark W Earley
JoAnn M Emmel, Ph.D
Gerald FitzPatrick, Ph.D.
Elisabeth M.-v.d.M.George
Megan A Hayes
Carol Herman
Jennifer Kitchen
Kevin J Lippert
Alan Manche
James E Marquedant
James E Matthews, III
Richard P McDermott
Alec McMillan
Timothy P McNeive
Edward F Mikoski, Jr.
Paul A Moliski
Stephanie F Montgomery
Dennis Oddsden
Greg Orloff
Peter L Pondillo
Kenneth J Rempe
Stephen G Rood
Gary Schrempp

USNC Position

USNC President
President & CEO
Member
Chair, CAPCC, CAB Rep
Member
Member
Member
Member
Member
Member
Member
USNC VP – Mbr Dev
Member
Member
IEC VP – Chmn SMB
SignaKey, Liaison
USNC VP – Technical
Member
Member
Mbr, Chair-RSC Americas
Member
Member
Member
Member
Member
Member
Member

Affiliation

UL
ANSI
UL
Rockwell Automation
NFPA
Retired - Virginia Tech
NIST
Philips
NEMA
AAMI
General Electric
Eaton Corp
Schneider Electric
FM Approvals
Corning Incorporated
ECC Corp
Rockwell Automation
Thomas & Betts
ECIA
Intertek
TIA
Hubbell, Inc.
CSA Group
Corning Incorporated
Siemens Industry
Legrand/Pass & Seymour
Dell Inc

Sam Sciacca	Member	IEEE
Joan E Sterling	USNC Alternate Rep CAB	Intertek
David A Vasko	Sec – SC 65B	Rockwell Automation
Robert A Williams	VP - Finance	UL
Trudie L Williams	Member	DoD
Jianchao Zeng PhD	Member	CDRH/FDA
Tony Zertuche	Deputy GS USNC	ANSI
Charles T Zegers	General Secretary, USNC	ANSI

Guests Present

Ethan Biery	TMC Member	Lutron Electronics
C P (Sandy) Butterfield	CAPCC Member	Boulder Wind Consulting
Joe Cascio (PT)	E & EManagement Institute	George Washington Univ
Hui Min (Bill) Chai	2015 Recipient 1906 Award	GE Industrial Systems
Hae Choe	TMC Member	AAMI
Scott A Colburn	Chair, ANSI GMF	FDA
Lance Cooley, Ph.D. (PT)	2015 Recipient 1906 Award	Fermi Nat Accelerator Lab
Jonathan Colby	2015 Recipient 1906 Award	Verdant Power
Christopher R Dorr (*PT)	2015 Young Professional	Rockwell Automation
Elaina M Finger	Chair, C&CEC	Corning Incorporated
William R Finley (PT)	2015 Recipient 1906 Award	Siemens Industry
Paul Green	Treasurer, USNC/IECEE	Intel
Ben C Johnson (PT)	2015 Recipient 1906 Award	Thermon Industries
George J Kelly (PT)	2015 Recipient 1906 Award	Sunset Technology, Inc.
Veronica A Lancaster	TMC Member	CEA
William G Lawrence, Jr.	TMC Member	FM Approvals
Angus Low	-	Rockwell Automation
Steven T Margis	Vice Chair, CAPCC	UL
Enio Montenegro (PT)	2015 Recipient 1906 Award	Cadwell Laboratories
David Osborn (PT)	2015 Recipient 1906 Award	Philips
Florence R Otieno	TMC Member	TIA
Patrick G Salas	TMC Member	General Electric Co
Ron Smith	Co-Founder and President	Verdant Power
Ulrich Spindler, Dr	IEC CAB Chair	Eaton Corp
Steven E Swanson	TMC Member	Corning Incorporated
John M Thompson	TMC Member	Underwriters Laboratories
Ed Van Vooren (& wife Mona) (PT)	2015 Recipient 1906 Award	ELTEK Int'l Laboratories
LTJG William Williams (*PT)	2015 Young Professional	U S Coast Guard
Mike Woodford	CAPCC Member	AHRI

Members Not Participating

Paul J Hearty, Ph.D.	Member	Sony Electronics, Inc.
Todd Kramer	Liaison, USNC/IECQ	Secure Components, LLC
Evans Massey	Liaison, USNC/IECEX	Baldor Electric

PT – Part Time

* - By teleconference

Section 1 Organizational Matters

1.1 Welcome, Opening Remarks, and Introductions (P M Piqueira, USNC President, Underwriters Laboratories, Inc.)

President Piqueira called the USNC Council meeting to order at 9:00 a.m. (EDT) He welcomed everyone to Arlington, VA, and thanked AAMI and particularly Carol Herman and Hae Choe for the fantastic support given to these USNC meetings. Ms Herman welcomed everyone to AAMI and provided logistical information for the day's events.

Presentations of IEC 1906 Awards for 2015

Mr Piqueira noted that the IEC 1906 Award was established to recognize and acknowledge Experts who have contributed in an exceptional way to the technical work of IEC in both standardization and conformity assessment. In 2015 the USNC was fortunate to have 30 of its constituents received this award from their IEC peers in the standardization area and 6 in conformity assessment. Mr Piqueira and IEC Vice President – SMB Chair Jim Matthews presented IEC 1906 Awards to the following Recipients who were able to attend the Council meeting.

Recipients in Attendance - Standardization

Hui Min (Bill) Chai, GE Industrial Sys, TC 33
Lance Cooley, Ph.D., Fermi National Accelerator Laboratory, TC 90
William R Finley, Siemens Industry, TC 2
Ben C Johnson, Thermon Industries, TC 31
Enio Montenegro, Cadwell Laboratories, TC 62
David Osborn, Philips, TC 62
Ed Van Vooren, ELTEK Int'l Labs, TC 112

Mr Piqueira and IEC Vice President – CAB Chair Dr Ulrich Spindler presented IEC 1906 Awards to the following Recipients for their exceptional work in conformity assessment

Recipients in Attendance – Conformity Assessment

Jonathan Colby, Verdant Power, IECRE
George J Kelly, Sunset Tech, IECRE
Steven T Margis, UL, IECEE

The names of all USNC Recipients are provided in **ATTACHMENT A.**

This was followed by self-introductions.

1.2 Approval of Agenda

1.2.1 Approval of Consent Agenda

Mr. Piqueira called attention to the Preliminary Agenda (USNC/Council 664A) and invited any proposals for items to be removed for detailed discussion. None were suggested. With no objections, the Draft Agenda was considered approved.

By this action the Minutes of the 22 May 2015 Meeting (USNC/Council 662) at UL in Research Triangle Park, NC, were approved with the following correction:

General Secretary's Note: Correction – Please note that Jodi Haasz, IEEE, should be included in the list of “Guests Present.”

1.2.2 Approval of Balance of Agenda

Mr. Piqueira called attention to the balance of the agenda and invited any additions, corrections and changes. It was moved, seconded and

VOTED #1 To approve the Balance of the Agenda (USNC/Council 664A) as circulated.
(This motion was approved unanimously.)

Section 2 Status of Outstanding Action Items (C.T. Zegers, General Secretary, USNC)

Mr Zegers reported that the first Action Item having to do with facilitating electronic participation at meetings via services such as Webex was being considered and will be implemented to the maximum extent possible. The 2nd Action Item having to do with the Report of the Finance Committee will be discussed under that specific Agenda Item.

Section 3 Report of the Council Ad Hoc Group on Operation and Structure of Management Meetings (Kevin J Lippert, Vice President, Membership Development and Recruitment, Eaton Corp)

Mr. Kevin Lippert will remind Council that this Ad Hoc Group was established at the 29 January 2015 Council meeting and that it was charged to consider the current format, structure, operations and agendas for the 3 USNC Management Meetings, CAPCC, TMC and Council and to make recommendations for maximizing the value of these meetings and the benefits to the participants. The Group was also asked to review the Council's policy with respect to teleconferencing into meetings. Mr. Lippert reported on the Group's 25 August teleconference and reviewed its recommendations. He expressed his appreciation to the following members of the Group for their time and contributions.

Tim Duffy
Jim Matthews
Ed Mikoski
Greg Orloff
Bob Williams
Trudie Williams

Mr. Lippert first reported on the results of Council E-Ballot 80 – Draft USNC Policy on Teleconferencing into All-Day Management Meetings. This ballot was approved and this official USNC policy on this subject will now be circulated to the constituency. Mr Lippert pointed out, however, that this policy is not “cast in stone” and can be reviewed and revised, if necessary, at some point in the future. **(ATTACHMENT B)**

Mr Lippert highlighted the following other subjects currently being considered by the Group.

- Using more “Written Reports” for future meetings, available in advance for discussion at the related meeting.
- Breakout Sessions – Use of informal breakout sessions for discussion of critical issues (no formal decisions would be taken at these sessions).
- Common Presentations made only once at a joint meeting – Consideration being given to scheduling a joint meeting on the afternoon of the 2nd day (TMC day) to sponsor presentations that are applicable to more than one group (Council, TMC or CAPCC).
- Ask USNC Officers to review Preliminary Agendas for presentations that might lend themselves to the above formats.
- Schedule a light “reception” on the evening prior to the Council meeting to enhance the spirit of camaraderie and personal connection among the members. Mr Lippert noted that such a Reception was held on 23 September at the The Liberty Tavern in Arlington thanks to the excellent arrangements made by our AAMI hosts.

Several of these ideas and suggestions are still being pursued by the Ad Hoc Group and will be reported on at future Council meetings.

Section 4 Status Report on the USNC Finance Committee’s Consideration of the ANSI Board Task Group on Cost Recovery Recommendations and Target Goals (Phil Piqueira)

Mr Piqueira highlighted the work of the ANSI Board Task Group on Cost Recovery and called attention to the most recent actions of the USNC Finance Committee. Four meetings/teleconferences have been held to-date and all options are being explored. While much progress has been made, the Committee is not yet ready to recommend a funding approach to the USNC Council. Meetings will continue and the January 2016 Council meeting is targeted for presentation and discussion of the Finance Committee’s recommendations. (USNC/Council 672) **(ATTACHMENT C)**

During discussion, Mr Bhatia noted the following:

- This does not only affect the USNC but all of ANSI.
- USNC representatives have been involved from the beginning of this effort.
- The Board doesn’t expect this to be accomplished overnight.
- This is not an unmanageable task.

Section 5 Joseph Cascio Esq., Co-Director, George Washington University, Environmental and Energy Management Institute (EEMI) **(ATTACHMENT D)**

Mr Cascio provided a well received and informative presentation describing the structure and operations of the EEMI program at George Washington University. The EEMI is focused on a unique agenda dedicated predominantly to pragmatic, implementable, non-regulatory solutions for environmental, energy and sustainability challenges that are based on voluntary management standards,

tools, strategies and approaches. The EEMI mission is “to conduct state-of-the-art and highly relevant research, promote graduate studies and other learning opportunities, and undertake service and policy-inducing activities pertinent to the application and implementation of national and international standards for the management of environmental, energy and sustainability challenges facing organizations and communities throughout the Nation and the world. The principal application areas in which these research, educational and service activities will be undertaken include the following:

1. Environmental management systems
2. Energy management systems
3. Greenhouse gas management
4. Green cities
5. Green buildings
6. Environmentally preferable products
7. Data center energy efficiency
8. Water
9. Next generation environmental self-governance

Mr Cascio’s presentation highlighted the following topics:

- EEMI Vision
- EEMI Mission
- Focal Areas
- Environmental Management Systems
- GHG Emissions Management
- GHG Training
- Green, Smart and Sustainable Cities
- Green Buildings
- Environmentally Preferable Products
- Data Center Energy Efficiency
- Next Generation Environmental Self-Governance **(ATTACHMENT E)**

Section 6 Succession Planning – Sustaining NEMA Influence in IEC (Timothy P McNeive, Thomas & Betts)

Mr McNeive reported that NEMA has been actively engaged in a Succession Planning program, the purpose of which is to Ensure effective and sustained NEMA representation in IEC through the U S National Committee (USNC)” He highlighted the current status of this program.

- Purpose
- Sustaining NEMA's Influence in IEC
- Draft Plan for Succession
- Succession Plan Elements
- Plan for Succession
- Call to Action
- Plan for Succession – Recruit/Develop

(ATTACHMENT F)

Section 7 Status Report – The IEC Young Professionals Program – 2015

Mr Piqueira introduced two of the three US Young Professionals who will attend the 79th IEC General Meeting in Minsk, Belarus on 12 – 16 October. Mr Christopher R Dorr of Rockwell Automation and LTJG William Williams of the U S Coast Guard joined the meeting by teleconference in order to share with the Council their expectations and thoughts as they prepare to attend the Young Professionals Workshop. The third US YP, Mr Joseph M Spossey of Intertek Energy was currently on his honeymoon. Mr Dorr and LT Williams indicated how much they were looking forward to this opportunity to travel to Minsk, to learn more about the IEC structure and operations and to get to meet so many peers in the global electrotechnical arena. They expressed their appreciation for their selection.

Mr Piqueira reported that a get acquainted breakfast had been planned in Minsk and, it is hoped, that all three US Young Professionals will be able to participate in the January 2016 USNC Council meeting to report on their experiences.

Secretary's Note: The following are the 2015 Recipients of the USNC/IEC Young Professional Program:

- **Joseph M. Spossey**
Mr. Spossey is a technical expert at [Intertek Energy](#) in Duluth Ga. A graduate of the Rochester Institute of Technology with a B.S. in mechanical engineering technology, he has been involved in wind turbine standards development for several years, holding positions as co-chairman of DWEA Standards Committee, alternate member of IECRE US National Committee for wind, and alternate voting member of the AWEA Wind Standards Committee.
- **Christopher R. Dorr**
Mr. Dorr is a senior hardware engineer at [Rockwell Automation](#), a position he's held since 2009. He is a graduate of Case Western Reserve University, where he received his bachelor's and master's degrees in electrical engineering. Mr. Dorr has been designing industrial and communications products for almost 8 years and has collaborated with teams at Rockwell Automation that ensure that its products conform to IEC standards.

- **Lieutenant William Williams**

Lt. Williams is a marine inspector and port state control officer in the USCG Sector in Jacksonville, Fl. A recent graduate of the United States Coast Guard Academy with a B.S. in electrical and computer engineering, he served as the academy's IEEE Club Secretary. He was competitively selected to attend Georgia Institute of Technology where he is enrolled in the Marine Safety Center & Coast Guard Engineering Standards Division. He will obtain a M.S. in electrical power systems and controls upon graduation. Lt. William's expertise and positions within the USCG provide him practice of the standards outlined by such organizations as the IEC and IEEE as it pertains to the safety of commercial shipping.

Mr Piqueira suggested that everyone in the room should consider nominating a candidate for the 2016 YP Program.

Section 8 Presentation by Joe Bhatia, President and CEO, American National Standards Institute

Mr Bhatia provided a brief overview of a number of issues that are currently occupying the attention of the ANSI Federation. He highlighted and reported on the following:

- China standardization reform
- Standards and the service economy
- Europe update
- ISO update
- Workcred and the Credential Transparency Initiative
- Gates Foundation grant

(ATTACHMENTS G and H)

Section 9 USNC Strategic Objectives Program

Mr Piqueira reminded Council of the USNC's Strategic Objectives Program which was initiated in August 2012 at FM Approvals in Norwood, MA. He called on each of the Champions to provide status reports.

- Core Element 1: Increasing and broadening USNC membership
(Champion: Kevin J Lippert)

Mr Lippert reported that the membership development activities of the Nominations Committee for both ANSI and the USNC membership continues but at a slow pace. Priority time is being

created for this activity. Lists of both ANSI Members and Non-ANSI Members which might consider USNC members have been developed and invitation E-Mails will be circulated prior to the end of 2015. This will then be followed-up with personal contact to the entities which have the greatest potential.

- Core Element 2: Ensuring effective marketing and communications of key USNC messages
(Champion: Elaina M Finger)

Ms Finger, C&CEC Chair, reported that the efforts of the Communications and Continuing Education Committee continue and are highlighted in the Report of the Committee. Ms Megan Hayes provided a brief report on the 7th USNC TAG Leadership Workshop scheduled to be held on Friday, 25 September.

- Core Element 3: Providing for ongoing IEC and USNC leadership and succession
(Philip M Piqueira)

Mr Piqueira noted that the primary emphasis of this Core Element is succession planning both at the IEC and the USNC levels. He invited those with interested in future USNC positions to contact him.

- USNC and IEC Succession – Both the USNC President and the VP-Technical are term limited after their next term as is Jim Matthews after his next term as IEC VP – SMB Chair. The Nominations Committee is actively considering potential candidates for these positions.

- Mr Jim Shannon is running unopposed as IEC President-Elect and will be endorsed by the IEC Council at the 2015 IEC General Meeting in Belarus.

- Core Element 4: Building recognition of the value proposition of standardization work by current and prospective stakeholders
(Alec McMillan)

Mr McMillan highlighted the following:

- New technical expertise needed
- Succession Planning in TAGs needs to be pursued
- Support for corporate America critical
- Quality of participation is good
- Growing items for increasingly active SMB
- Outreach to CEN/CENELEC
- COPANT – Bigger footprint for electrotechnical activities
- PASC – not as good in Asia/Pacific but target for growth

- Core Element 5: Coordinating USNC positions on Electrotechnical Conformity Assessment (CA) issues which relate to, or impact, the IEC global agenda
(Timothy T Duffy)

Mr Duffy reported that CAPCC is actively involved in this Strategic Planning effort and each of the Systems, IECEE, IECEx, IECQ and IECRE, are actively involved in the process. Each of

the Systems reports their Strategic Planning activities at each CAPCC meeting.

Mr Piqueira indicated that, at some point, in the not too distant future, the USNC will have to revisit its Strategic Objectives to determine and assess whether or not they still adequately reflect current operations particularly in light of a new IEC Masterplan which Jim Shannon will lead, possibly beginning in 2016.

Section 10 Standardization Management Board (SMB) and Other Technical Issues – Mr Alec McMillan, USNC VP – Technical and Chair – TMC, Rockwell Automation

Mr McMillan reported on the activities resulting from the TMC meeting held at AAMI on 23 September and on plans for the SMB meeting scheduled for Minsk. He highlighted the following:

- Sonya Bird (UL) new Vice Chair of TMC as of 1 January 2016; Ken Gettman (NEMA) thanked for his past years of service as TMC Vice-Chair
- Dr. Spindler addressed the TMC and Jim Mathews and Dr. Spindler led a SMB/CAB cooperation discussion
- CENELEC/Dresden Agreement – New CENELEC President Bernard Thies, revised procedures, new Secretaries/Chairs and IEC TC might have more work opportunities coming their way proposed from CENELEC if they can meet commission mandated time lines. CENELEC proposed guidance document for Dresden agreement implementation to be pursued in bilateral discussions in Minsk.
- Final report from SEG 1 *Smart Cities*, new SyC recommended, TMC Approves; Manyphay Viengkham is new SRG Convener
- Various reports on SMB's SGs, ACs, SEGs & DMT
- AHG 58 report addressing standardization project management which proposes agenda driven time lines in contrast to current fixed time periods
- Great presentation by Mitchell Guthrie, Chair and TA of TC 81 – Lightning protection
- Reports from the TMC SC on TAG Operating Procedures (Sonya Bird) and Task Force on Adoptions (Jodi Haasz)
- New revised policy on adoptions to be balloted by USNC ; paper on IEC/ISO adoptions database to be discussed with IEC officers in Minsk
- USNC TMC recommended two candidates to USNC President, Phil Piqueira, for the SMB elections in MINSK
- Gene Eckhart briefed the TMC on the status of COPANT TC 151 & 152
- Phil Piqueira led discussion on FINCA, Latin America and the USNC's Mentoring Program

Section 11 Dialogue with Dr Ulrich Spindler, Eaton Corp, IEV Vice President – Chair, IEC Conformity Assessment Board (CAB)

Dr Spindler dialogued with the Council on a number of policy issues that will be faced by CAB over the next several years. He highlighted the following:

- Reorganization of CAB membership – There are now permanent members as there are in SMB.
- Considerable time is be devoted to maximizing the efficiency and effectiveness of CAB meetings
- Core element requirements are being highlighted for all Systems
- CAB Toolbox being developed for training and use by constituency
- Comments by conformity assessment stakeholders being encouraged at the level of a standards maintenance cycle
- Increased contacts with regulators

Section 12 Conformity Assessment Policy Coordination Committee (CAPCC)

Mr. Duffy briefly highlighted the results of the Tuesday, 22 September 2015 CAPCC meeting held at AAMI and plans for the next CAB meeting to be held in Minsk. He highlighted the following:

- Dr Spindler, CAB Chair, was kind enough to visit with CAPCC to discuss items of mutual interest. He particularly addressed CAB reorganization and operations, a program for conformity assessment constituency to comment on standards at the maintenance cycle level and on work in the areas of functional safety and cyber security.
- Six US experts were recognized for their work in conformity assessment by receiving 1906 Awards for 2015
- Liaison Reports were provided for both the ANSI Conformity Assessment Policy Committee (CAPC) and the International Conformity Assessment Committee (ICAC). In addition, Mr Lane Hallenbeck, current Chair of CASCO, provided a status report.
- Mr Piqueira provided a Status Report on the USNC's Response to the Goals Set by the ANSI Board Task Group on Cost Recovery. CAPCC is in the process of documenting staffs contributions to the work of the Committee for budgeting purposes.
- Status Reports were provided for each of the USNC Systems (USNC/IECEE, USNC/IECEEx, USNC/IECQ and USNC/RE).
- The new USNC CAPCC Subcommittee on Operating Procedures of USNC Conformity Assessment Systems is preparing to being work under the Chair of Steve Margis. This is the group that has replaced the President's Task Force. The Procedures of each of the four Systems

will be circulated to the Subcommittee for review and comment.

- Received an updated report on OSHA NRTL Program
- Received an updated report from Dr Jianchao Zeng of FDA.
- Status Report provided by Gary Schrempp on the work of the CAPCC Regulatory Labeling Working Group
- Status Report provided also by Gary Schrempp on the CAPCC Task Force on Conformity Assessment Communications
- Report on the 15 June 2015 CAB meeting in Geneva and preparation for the CAB meeting in Minsk.
 - Mr Ralph Wigg from Australia to was awarded the Thomas A Edison Award for his work in getting the Certification of Personal Competencies Scheme established.
 - World Standards Cooperation Conformity Assessment Workshop to be held 1 – 2 December 2015 in Geneva.
 - Cybersecurity (2 areas IECEE PSC WG 3 – Industrial Automation and CAB WG 17 with its scope focused on home automation, smart devices (such as smart meters) and medical devices. The IECEx is also considering cybersecurity as it may impact protection methods for hazardous location equipment.
- Bob Griffin of IBM provided an update report on Conformity Assessment issues in India.
- Mitchell Guthrie, Chair and TA, IEC/TC 81 – Lightning Protection, gave a report on conformity assessment needs in his area of technology.
- Paul Moliski, Chair of the ANSI Regional Standing Committee – Americas, provided an update on CA issues in the Americas
- Amy Phelps, NIST, provided a written report and up-date on the status of OMB Circular A119

Section 13 Nominations Committee (Kevin J Lippert, Chair)

Mr Lippert expressed his appreciation to the members of the Nominations Committee who contribute so much to the work of the Committee. He also noted that the Committee is always looking for new members and if anyone is interested they are invited to let him know or Mr Zegers. 2015 has been a particularly good year for the USNC's nominees for the ANSI Award Program. Mr Lippert called on Mr Bhatia to recognize the recipient of the ANSI Astin-Polk International Standards Medal

13.1 2015 ANSI Awards Program

Mr Bhatia expressed his heartfelt pleasure in being able to recognize Phil Piqueira for this prestigious ANSI Award, well deserved recognition for many years of dedicated service to the mission and goals of the USNC and ANSI.

Mr Piqueira acknowledged all the other recipients and asked those in attendance to stand and be applauded for their Awards and for their contributions to the USNC and ANSI, to standardization and to conformity assessment.

- Paris Stavrianidis, Howard Coonley Medal
- Gary Schrempp, Edward Lohse Information Technology Medal
- Jim Matthews, Elihu Thomson Electrotechnology Medal
- Ryan Franks, Next Generation Award
- Kevin Mangold, Next Generation Award
- Carin Stuart, Next Generation Award
- Sandy Butterfield, Meritorious Service Award
- JoAnn Emmel, Meritorious Service Award

13.2 Status Report on USNC Elections for 2016

Mr Lippert provided a brief report on the current process to elect a USNC President-Elect and to fill Council and TMC positions, the terms of which expire on 31 December 2015. On 24 July, the General Secretary invited the USNC Voting Members to submit nominations by 21 August for the President-Elect position and for Council and TMC membership positions, the terms of which expire on 31 December 2015. The Nominations Committee subsequently scheduled a teleconference to review the nominations received.

13.3 USNC Membership Campaign

Mr Lippert noted that because of the goals of the ANSI Board Task Group on Cost Recovery the importance of the USNC's Membership Campaign has become more critical. Lists of ANSI Members and Non-Members which are potential USNC Members have been developed and individual invitation letters will be circulated by the end of 2015 to ask contacts to consider USNC TAG and Sponsoring Membership. It is anticipated that those with real potential will be contacted, in person, by a Committee member. Anyone who has knowledge of a contact interested in USNC membership is invited to contact Messrs Lippert or Zegers.

13.4 Succession Plan for USNC and IEC Positions Over the Next Several Years

Mr Lippert reminded the Council of the Succession Plan that is being maintained by the Nominations Committee. He noted that a number of positions in both the USNC and IEC are under term limits and anyone interested in these positions should make their interest known. This includes Alec McMillan as USNC – VP Technical and Jim Matthews as IEC VP and SMB Chair.

Mr Lippert confirmed that Jim Shannon is running unopposed for the office of IEC President-Elect and his election will be confirmed in Minsk.

Section 14 Plans for the IEC 79th General Meeting, Minsk, Belarus – 12 – 16 October 2015

Mr Piqueira provided a brief report on the USNC's preparations for the 79th IEC General Meeting in Minsk, Belarus.

14.1 Outreach Meetings

He broached the subject of the various Outreach Meetings that are scheduled to be held during this General Meeting and invited discussion. He highlighted the following:

- a) USNC Delegation Meeting
- b) USNC Delegation Reception
(Sunday, 11 October)

Outreach Meetings with:

- c) Outreach meeting with CENELEC
- d) Outreach luncheon meeting with Chinese NC
- e) Outreach meeting with Japanese NC
- f) Outreach dinner meeting with Germany NC
- g) Outreach meeting with Republic of Korea NC

Other

- h) USNC Officers Meeting with IEC Officers
- i) The Secretary of the Israeli National Committee has requested a meeting to introduce Mr Eliahu Stein, President of the Israeli National Committee and Director General of The Standards Institution of Israel (SII).

Mr Piqueira noted that Discussion Items are still needed and should be sent to Mr Zegers as soon as possible. If you recommend a topic please also provide a brief explanatory statement which can accompany to topic and help the recipient National Committee in developing a response.

14.2 Council Meeting and Council Open Session – 16 October 2015

The Council Meeting and Council Open Session will take place on Friday, 16 October. A 2nd Council Discussion Session is scheduled, the 1st ever having been held in Tokyo last year. The theme for this year's Open Session is, "Energy Efficiency: From theory to Reality with IEC International Standards and Conformity Assessment."

14.2.1 IEC Leadership Elections

Mr Piqueira noted the following elections to take place in Minsk:

- Election by Council in Minsk of the future President of the IEC (Note: Mr. James M. Shannon is the sole candidate. In Minsk, the National Committees will be asked to endorse his election.) (C/1907/INF)
- Election/re-election by Council in Minsk of a third Vice-President of the IEC for a three-year term of office (2016 – 2018) (C/1908/INF)

Dr. Yinbiao Shu (China)

- Election of one financial Group A Council Board (CB) member by Council in Minsk for a three-year term of office (2016-2018) (C/1909/INF)

Mr. Xu Zengole (China)

- Election/re-election by Council in Minsk of four members of the Council Board (CB) for 3-year terms of office (2016-2018) (C/1910/INF)

Mr. Valerio Battista, Italy

Mr. Gunter Idinger, Austria *

Mr. Peter Leong Weng Kwai, Singapore

Dr. Ian Oppermann, Australia

Mr. Ed Tymofichuk, Canada *

(* Completed 1st Term at end of 2015)

- Appointment by Council in Minsk of one “Automatically Appointed Member” of the SMB for a three-year term of office (2016-2018) (C/1911/INF)

Ms. Dai Hong, China*

(* Completed 1st Term at end of 2015.)

- Election/re-election by Council in Minsk of two members of the SMB for three-year terms (2016-2018) (C/1912/INF)

Mr. Kim Craig, Australia *

Mr. Tony Capel, Canada

Mr. Thomas Korssell, Sweden

(* Completed 1st Term at end of 2015)

- Appointment by Council in Minsk of two “Automatically Appointed Members” of the CAB for a three-year term of office (2016-2018) (C/1913/INF)

Mr. Weijun Liu, China *

Mr. Simon Barrowcliff, UK *

(* Completed 1st Term at end of 2015)

- Election/re-election by Council in Minsk of two CAB Members for three-year terms (2016-2018)

Mr A K Sharma, India (C/1914/INF)

Prof B.-K. Lee, Rep of Korea

Mr. Fredrik Wennersten, Sweden *

(* Completed 1st Term at end of 2015)

14.2.2 IEC Financial Matters

Mr Piqueira reported that the following IEC finance-related documents will be considered for approval in Minsk. The USNC Finance Committee has reviewed and approved them and they have been made available to the ANSI Finance Committee for consideration.

Report concerning the auditing of the IEC – only Accounts for the financial year 2014 and the Guarantee Fund, established by MAZARS (Geneva, Switzerland) (C/1898/DV)

Report concerning the auditing of the IEC Consolidated Accounts for the financial year 2014, established by MAZARS (Geneva, Switzerland) (C/1899/DV)

Memorandum from the Treasurer on the 2014 IEC Audited Accounts (C/1918/DV)

Proposed Budget for the year 2016 (C/1919/DV)

Proposed National Dues for year 2016 (C/1920/DV)

14.3 Council Board Meetings – 14 October 2015, Minsk

Mr Piqueira highlighted a number of the topics that were likely to be included in the Council Board Agenda for Minsk.

14.4 World Standards Cooperation (WSC)

Mr Piqueira called attention to the Report on the fourteenth meeting (12 February 2015) of the IEC/ISO/ITU World Standards Cooperation (WSC) and follow-up. (C/1922/R)

Section 15 Status of Planning for the USNC Hosted 2022 IEC General Meeting

Mr Margis, Chair, 2022 IEC GM Planning Committee, reported that a meeting of the Committee was held at AAMI on 21 September. Veronica Lancaster, Vice Chair, chaired most of the meeting because travel difficulties prevented his on-time arrival. The following items were highlighted:

- A Sponsorship Brochure, modeled after the one used for 2010, will be developed shortly and the Sponsorship Program launched to give contributors an early opportunity to set aside funds for 2022.
- The Committee is developing a set of “Assumptions” that will govern the planning activity in the months to come, items such as the number of delegates anticipated, the number of accompanying persons, the number of TCs/SCs expected to meet, the number of Working Groups, etc.
- A Business Plan will be developed and a Task Force is being assembled to begin that process.
- A very initial list of possible meeting locations has been developed and will be carefully reviewed. The target is to have a city selected by the Fall of 2016.

Mr Piqueira reported that he had been requested, by the IEC Central Office, to re-confirm the USNC’s invitation to host the 2022 General Meeting during the Council meeting in Minsk which he agreed to do.

Section 16 Communications and Continuing Education Committee
Elaina Finger, Corning Incorporated, Chair, C&CEC

Ms Elaina Finger, Chair of the USNC Communications and Continuing Education Committee (C&CEC), reported that the activities of the Committee and highlighted the following:
(ATTACHMENT I)

- Committee continues to focus on Core Element 2 of the USNC's Strategic Plan
- **USNC Current**
- Joint Task Force on Emerging Professional
- 2015 Training
- USNC/IEC Cooperation – IEC Training
- Other C&CEC Activities

Section 17 CANENA (Council for Harmonization of the Electrical Standards of the Nations of the Americas (Stephen G Rood)

Mr Rood provided a brief report on CANENA with emphasis on the 24th Annual General Meeting scheduled for Mexico City, 23 – 25 February 2016 under the theme, “An Overview of the Standardization Process, Certification, Verification and Testing” He also provided a copy of the CANENA presentation that will be given by Mr Rafael Nava at the SMB meeting in Minsk.
(ATTACHMENT J)

Mr Piqueira reminded the Council that, for some time, Messrs John Goodsell and Kevin Lippert, served as the official USNC Liaison to CANENA. With Mr Rood taking on that responsibility it is appropriate that he be officially appointed. It was moved, seconded and

VOTED #2 To appoint Mr Stephen G Rood is the official USNC Liaison to CANENA
(This motion was approved unanimously.)

Section 18 Reports on Interfaces with Other Organizations

18.1 FINCA (Forum of the IEC Full Members of the Americas – Argentina, Brazil, Canada, Chile, Colombia, Mexico and US)

Mr Piqueira reported that this year's FINCA meeting was held in Cartagena, Colombia on 3 – 4 September 2015. He characterized this meeting as one of the most productive and informative FINCA meetings ever held. On the morning of 3 September a Workshop was held with the following topics:

- IEC Conformity Assessment (Argentina)

- Electrical Code in Colombia and the Region (Colombia)
- Building and Maintaining National Committee Membership (Mexico)

In addition to the Business Sessions in preparation for the IEC General Meeting in Minsk, a series of very productive Breakout Sessions were held on the following topics:

- FINCA and COPANT MoU – What actions are needed to provide value to the MoU and make the MoU beneficial to both FINCA and COPANT?
- How can FINCA become more strategic regionally, what common interests do FINCA members share, how can we strengthen our regional position in IEC?
- Relationship, communication and interface between IEC, IEC LARC and FINCA, including Associate and Affiliate Country Members – in what capacity and what actions need to be taken?
- FINCA newsletter – what topics would be of interest regionally to FINCA member countries, including Associate and Affiliate Country members?

The 2016 FINCA meeting is scheduled to be held in Argentina.

18.2 USNC Mentoring Program

Mr Zegers reported that the Chile National Committee has been contacted to determine if there are interested in continuing the current Mentoring Program with a Workshop in Chile in the 1st quarter of 2016. If the answer is yes, plans will proceed to organize the Workshop. If the answer is no, Council will be asked to determine whether or not it wishes to continue the Mentoring Program and, if so, what countries should be considered for maximum value.

18.3 COPANT (Pan American Standards Commission)

Mr Piqueira reminded the Council that the COPANT General Assembly took place in Mexico City on 12 – 17 April 2015. The next meeting is scheduled for 18 – 22 April 2016 in Quito, Ecuador.

18.4 PASC (Pacific Area Standards Congress)

Mr Piqueira noted that the USNC was not represented on the ANSI Delegation to PASC 38 which was held 4 – 8 May 2015 in New Delhi, India. PASC 39 is scheduled to be held in Bali, Indonesia on 8 – 12 May 2016. A special effort is being made to raise the subject of electrotechnical participation in future PASC meetings during the Asia Pacific Steering Group's meeting in Minsk.

Section 19 ANSI Interface

Mr. Zegers called attention to the brief reports on the activities of the ANSI International Policy Department including ISO activities, PASC, the ANSI-European Standards Organizations (ESOs) interface and other items of interest (USNC/Council 666, 666A and 666B). **(ATTACHMENT K)**

Section 20 – Future Meeting Dates

USNC Management Meetings Schedule – 2016 and Beyond

The following meeting dates for 2016 and beyond have been confirmed or are under consideration.

2016

Monday, 11 January 2016
IEC Training Workshop
Sony Electronics, San Diego, CA

Tuesday, Wednesday, Thursday
12-13-14 January 2016
Sony Electronics, San Diego, CA

Tuesday, 23 February 2016
SMB Meeting, Geneva

Friday, Saturday, Sunday
15-16-17 April 2016
USA Science & Engineering Festival
Washington, DC

18 – 22 April 2016
COPANT General Assembly
Quito, Ecuador

8 – 12 May 2016
Pacific Area Standards Congress 39
Bali, Indonesia

Tuesday, Wednesday, Thursday
To Be Determined
FM Approvals, Norwood, MA

Monday, 13 June 2016
CAB Meeting, Geneva

Tuesday, 14 June 2016
SMB Meeting, Geneva

Wednesday, 15 June 2016
Council Board, Geneva

Tuesday, Wednesday, Thursday
30 – 31 August, 1 September 2016
CAPCC/TMC/Council
IEEE, Piscataway, NJ

80th IEC General Meeting
Frankfurt, Germany
10 – 14 October 2016
- SMB/CAB Monday, 10 October
- CB Wednesday, 12 October
- Council Friday, 14 October

24 – 28 October 2016
World Standards Week
Washington, DC

2017

Monday, 13 February 2017
CAB Meeting, Geneva

Tuesday, 14 February 2017
SMB Meeting, Geneva

Monday, 12 June 2017
SMB Meeting, Geneva

Tuesday, 13 June 2017
CAB Meeting, Geneva

Wednesday, 14 June 2017
CB Meeting, Geneva

81st IEC General Meeting
Vladivostok, Russia
9 – 13 October 2017
SMB/CAB Monday, 9 October 2017
CB Wednesday, 11 October 2017
Council Friday, 13 October 2017

2018

82nd IEC General Meeting
Republic of Korea
22 – 26 October 2018

2019

83rd IEC General Meeting
China

2020

84th IEC General Meeting
Sweden

2021

85th IEC General Meeting
United Arab Emirates (UAE)

2022

86th IEC General Meeting
USNC Expression of Intent Submitted to and accepted by IEC Council.

2023

87th IEC General Meeting
Egypt

Section 21 Summary of Outstanding Action Items

Action Item #1 – 5/2015 C T Zegers

During discussion it was generally agreed that efforts should be made to facilitate electronic participation at meetings via services such as Webex. It was acknowledged that additional, dedicated Staff may be required to bring this about but it was suggested that a pilot program should be tried at the AAMI meetings in September 2015.

Action Item #2 – 5/2015 F Schrotter/R Williams

A lengthy discussion took place and one member indicted that if fees are increased, some will ask WHY? Also, several members asked if Board Task Group documents could be shared with the Council and Ms Schrotter and Mr Williams agreed to look into this matter.

Section 22 Adjournment

Mr Piqueira again expressed his appreciation and that of the USNC Council to all those people from AAMI, and particularly Carol Herman and Hae Choe, who put themselves out so that these USNC Meetings could take place here in Arlington, VA. He also expressed his sincere appreciation to all those who contributed to these meeting and wished everyone safe trips home.

The meeting was adjourned at 3:30 p.m. (EDT)

Respectfully submitted;
Charles T Zegers
General Secretary USNC
3 November 2015

PRESENTATIONS FROM THE USNC COUNCIL MEETING
24 September 2015
Association for the Advancement of Medical Instrumentation (AAMI)
Arlington, VA

<u>ATTACHMENT</u>	<u>TITLE</u>
A	US Recipients - IEC 1906 Award – 2015
B	USNC Policy on Teleconferencing into All-Day Management Meetings (USNC/Council 673)
C	USNC Finance Committee Funding Issue Status Report (USNC/Council 672) – Philip M Piqueira
D	Joe Cascio, Esq., Visiting Scholarr and Co-Director, Environmental and Energy Management Institute, George Washington University – Biography
E	Environmental and Energy Management Institute (EEMI) at GWU – Joe Cascio Presentation
F	Succession Planning – Sustaining NEMA Representation in IEC – Tim McNeive
G	Slides - Update on ANSI's Latest Activities – Joe Bhatia, ANSI President and CEO
H	Additional Text - Update on ANSI's Latest Activities – Joe Bhatia, ANSI President and CEO
I	Report – Communications and Continuing Education Committee – Elaina Finger, Corning Incorporated
J	Report on CANENA – Steve Rood (USNC/Council 671 and 671A)
K	ANSI Summary Report (USNC/Council 666, 666A and 666B)