# USNC COUNCIL 560
19 March 2013

## MINUTES

### USNC COUNCIL

### Meeting

**Sony Electronics**  
**San Diego, CA**

**Thursday, 17 January 2013**  
*(Meeting #38)*

<table>
<thead>
<tr>
<th>Members Participating</th>
<th>USNC Position</th>
<th>Affiliation</th>
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<tbody>
<tr>
<td>Philip M Piqueira (Chairman)</td>
<td>USNC President</td>
<td>GE</td>
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<tr>
<td>Bill Belt</td>
<td>Member</td>
<td>CEA</td>
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<tr>
<td>Sonya M Bird</td>
<td>Member</td>
<td>UL</td>
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<tr>
<td>Cheryl Blum</td>
<td>Member</td>
<td>TIA</td>
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<tr>
<td>Lloyd W Condra</td>
<td>Member (ECC Corp)</td>
<td>The Boeing Co</td>
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<tr>
<td>Timothy T Duffy</td>
<td>Chair, CAPCC, CAB Rep</td>
<td>Rockwell Automation</td>
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<tr>
<td>Mark W Earley</td>
<td>Member – Dist Svc Award</td>
<td>NFPA</td>
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<tr>
<td>Gerald FitzPatrick, Ph.D.</td>
<td>Member</td>
<td>NIST</td>
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<td>Paul J Hearty, Ph.D.</td>
<td>Member</td>
<td>Sony Electronics, Inc.</td>
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<tr>
<td>Carol Herman</td>
<td>Member</td>
<td>AAMI</td>
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<td>Susan C Hoyler</td>
<td>Member</td>
<td>QUALCOMM, Inc.</td>
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<tr>
<td>Kevin J Lippert</td>
<td>USNC VP – Mbr Dev</td>
<td>Eaton Corp</td>
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<td>Alan Manche</td>
<td>Member</td>
<td>Schneider Electric</td>
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<tr>
<td>James E Matthews, III</td>
<td>IEC VP – Chmn SMB</td>
<td>Corning Incorporated</td>
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<tr>
<td>Alec McMillan</td>
<td>USNC VP – Technical</td>
<td>Rockwell Automation</td>
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<td>Timothy P McNeive</td>
<td>Member</td>
<td>Thomas &amp; Betts</td>
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<tr>
<td>Edward F Mikoski, Jr.</td>
<td>Member</td>
<td>ECIA</td>
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<tr>
<td>Greg Orloff</td>
<td>Member</td>
<td>CSA Standards</td>
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<tr>
<td>Stephen G Rood</td>
<td>Member</td>
<td>Legrand/Pass &amp; Seymour</td>
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<td>Stanley H Salot, Jr.</td>
<td>Member</td>
<td>ECC Corp</td>
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<td>Gary Schrempp</td>
<td>Member</td>
<td>Dell Inc</td>
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<td>Al B Scolnik</td>
<td>Member</td>
<td>NEMA</td>
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<tr>
<td>Paris Stavrianidis</td>
<td>Member</td>
<td>FM Approvals</td>
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<tr>
<td>Joan E Sterling</td>
<td>USNC Alternate Rep CAB</td>
<td>Intertek</td>
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<tr>
<td>Robert A Williams</td>
<td>Member</td>
<td>UL</td>
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<tr>
<td>Tony Zertuche</td>
<td>Deputy GS USNC</td>
<td>ANSI</td>
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<tr>
<td>Charles T Zegers</td>
<td>General Secretary, USNC</td>
<td>ANSI</td>
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### Guests Present

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<thead>
<tr>
<th>Name</th>
<th>Title/Position</th>
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<tbody>
<tr>
<td>Aisha Bajwa</td>
<td>2012 IEC YP</td>
<td>General Cable</td>
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<tr>
<td>Terry de Courcelle</td>
<td>Former TMC Member</td>
<td>IEEE</td>
</tr>
<tr>
<td>Gabriela Ehrlich</td>
<td>Head of Communications</td>
<td>IEC</td>
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<tr>
<td>Elaina Finger (*PT)</td>
<td>Chair, C&amp;CEC</td>
<td>Corning Incorporated</td>
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<tr>
<td>Kenneth E Gettman</td>
<td>TMC Vice Chair</td>
<td>NEMA</td>
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<tr>
<td>Benjamin Goldstein</td>
<td>Speaker</td>
<td>U S Department of Energy</td>
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<tr>
<td>John Green</td>
<td>TMC Member</td>
<td>Cooper Industries</td>
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<tr>
<td>George A Gulla (*PT)</td>
<td>VP – Publications</td>
<td>ANSI</td>
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<tr>
<td>Jodi Haasz</td>
<td>TMC Member</td>
<td>IEEE</td>
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<tr>
<td>Megan A Hayes</td>
<td>TMC Member</td>
<td>NEMA</td>
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<td>Gary Kushnier</td>
<td>VP, International Policy</td>
<td>ANSI</td>
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<tr>
<td>William G Lawrence, Jr</td>
<td>TA, USNC TAG TC 31</td>
<td>FM Approvals</td>
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<tr>
<td>Steven T Margis</td>
<td>Vice Chair, CAPCC</td>
<td>UL</td>
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<tr>
<td>Shazia McGeethan</td>
<td>TMC Member</td>
<td>CEA</td>
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<tr>
<td>Kerry McManama</td>
<td>Chair, IECEx, Mbr CAPCC</td>
<td>UL</td>
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<tr>
<td>Joseph Musso</td>
<td>TMC Member</td>
<td>UL</td>
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<tr>
<td>Scott A Neumann, (*, PT)</td>
<td>Recipient – Dist Svc Award</td>
<td>UISOL</td>
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<tr>
<td>Ronald H Reimer</td>
<td>TMC Member</td>
<td>Rockwell Automation</td>
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<tr>
<td>Charley Robinson</td>
<td>TMC Member</td>
<td>ISA</td>
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<tr>
<td>Patrick Salas</td>
<td>TMC Member</td>
<td>General Electric</td>
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<td>Richard Schomberg</td>
<td>Convener – SMB SG 3</td>
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<tr>
<td>Jack Sheldon</td>
<td>Standardization Strategy Mgr</td>
<td>IEC</td>
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<tr>
<td>Manyphay Souvannarath</td>
<td>2012 IEC YP</td>
<td>General Electric</td>
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<tr>
<td>Steven E Swanson</td>
<td>TMC Member</td>
<td>Corning Incorporated</td>
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### Members Not Participating

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<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>S Joe Bhatia</td>
<td>President and CEO</td>
<td>ANSI</td>
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<tr>
<td>JoAnn M Emmel, Ph.D.</td>
<td>Member</td>
<td>Virginia Tech</td>
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<tr>
<td>Brian Fitzgerald</td>
<td>Member</td>
<td>FDA</td>
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<tr>
<td>John P Goodsell</td>
<td>Member</td>
<td>Hubbell Inc</td>
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<tr>
<td>J D Olson</td>
<td>Liaison, USNC/IECEx</td>
<td>Flowserve Corp</td>
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<tr>
<td>Sam Sciacca</td>
<td>Member (IEEE)</td>
<td>SCS Consulting</td>
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<tr>
<td>Trudie L Williams</td>
<td>Member</td>
<td>DoD</td>
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<tr>
<td>John W Young</td>
<td>Member</td>
<td>Siemens Industry</td>
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PT – Part Time
* - By teleconference
Section 1 Organizational Matters

1.1 Welcome, Opening Remarks, and Introductions
(P M Piqueira, USNC President)

President Piqueira called the USNC Council meeting to order at 9:00 a.m. (PST). He welcomed everyone to San Diego, CA and thanked Sony Electronics, and particularly Paul Hearty and Suzanne DeSpain, for the fantastic support given to these USNC meetings and particularly the wonderful reception and dinner on the evening of 16 January. He expressed special welcome to Aisha Bajwa and Manyphay Souvannarath, two of our 2012 Young Professionals, Benjamin Goldstein of the US DoE, to Gabriela Ehrlich and Jack Sheldon of the IEC Central Office and Richard Schomberg, Convenor, IEC SG #3 – Smart Grid and 2012 Recipient of the IEC Lord Kelvin Award. This was followed by self-introductions.

1.2 Presentations of the First USNC Distinguished Service Awards

As the first order of business, Mr Piqueira expressed his pleasure at being able to present the first three USNC Distinguished Service Awards. This Award is presented to individuals or groups who have a record of significant contribution to voluntary standards/conformity assessment and who have demonstrated outstanding service in enabling the USNC/IEC to attain the objectives for which it was founded. The selection of recipients for this Award is primarily based on the nominee’s contribution to voluntary standards/conformity assessment and how the candidate(s) service has enabled the USNC in obtaining its objectives.

Mr Piqueira reported that one of the Recipients was with us in San Diego, one is with us by teleconference and one, unfortunately, was not able to participate. He introduced Mr Scott Neumann, TA, USNC TAG for IEC/TC 57, who was on the phone and expressed his thanks and appreciation for this many contributions to international standardization. Mr Piqueira noted that Mr Neumann’s Award would be sent to him shortly.

Scott A Neumann
Chief Technical Officer
UISOL
TA, USNC TAG IEC/TC 57

Mr Scott Neumann also clearly meets the criteria for the USNC Distinguished Service Award. He has demonstrated outstanding service to the USNC and to IEC. Mr Neumann currently serves as Technical Advisor for the USNC TAG for IEC/TC 57 – Power Systems Management and Associated Information Exchange. Possibly, Mr Neumann’s most visible contribution to standardization resulted from the importance of IEC/TC 57 to the global Smart Grid effort. As one indication of the level of interest and the resulting coordination effort for which he is responsible, the related USNC TAG currently consists of 103 participants. As a natural part of his responsibilities, Mr Neumann must actively collaborate with the IEC SMB Strategic Group # 3 – Smart Grid and with NIST’s related activities. Mr Neumann deserves this Award because of his dedication to national and international standardization and to his many contributions of late to the cause of Smart Grid standardization.
Mr Piqueira noted that Mr Howard Barikmo, International Secretary and TAG Secretary for IEC/TC 82, was unable to participate today but we are delighted to recognize his many contributions to the USNC and to IEC. Mr Barikmo’s Award will also be sent to him in the near future.

Howard O Barikmo
President
Sunset Technology Corp
Secretary and TAG Secretary, IEC/TC 82

Mr Howard Barikmo clearly meets the criteria for the USNC Distinguished Service Award. He has demonstrated outstanding service to the USNC and to IEC. Mr Barikmo currently serves as TAG Secretary for the USNC TAG for IEC/TC 82 – Solar Photovoltaic Energy Systems and International Secretary of the TC. Possibly, Mr Barikmo’s most visible contribution to standardization results from the growing importance of IEC/TC 82 to the renewable resources area. One indication of the level of interest and the resulting coordination effort for which he is responsible, the related USNC TAG currently consists of 88 participants. As a function of his responsibilities, Mr Barikmo must not only administer a very large and active TAG but, as international Secretary, he has primary responsibility for the work program of the TC. Mr Barikmo deserves this Award because of his dedication to national and international standardization and to his many contributions of late to the cause of renewable resource standardization.

Mr Piqueira called forward Mr Mark Earley, a long standing member of the USNC Council, Technical Advisor for a number of IEC TCs and, most notably, NFPA primary staff for the National Electric Code. He really needs no introduction to this audience but him many contributions need to be recognized. He thanked Mark Earley for his service and presented him with his Award.

Mark W Earley, P.E.
Chief Electrical Engineer
National Fire Protection Association (NFPA)
USNC Council Member
TA, USNC TAG IEC/TC 64
DTA, USNC TAG IEC/TC 79
USNC Member, ACOS

Mr Mark Earley also clearly meets the criteria for the USNC Distinguished Service Award. He has demonstrated outstanding service to the USNC and to IEC. Mr Earley is currently a member of the USNC Council and helps to develop policy issues for this country’s interface with the IEC. However, he also contributes at the technical level by serving as Technical Advisor for the USNC TAG for IEC/TC 64 – Electrical Installations and Protection Against Electric Shock and as Deputy TA for the USNC TAG for IEC/TC 79 – Alarm and Electronic Security Systems. He also serves as one of the USNC representatives to the IEC Advisory Committee on Safety (ACOS). Possibly, Mr Earley’s most visible contribution to standardization is his service as Secretary of the National Electrical Code Committee, conceivably one of the most known and adopted voluntary consensus standards in the United States. Mr Earley consistently demonstrates
his dedication to national and international standardization and to the cause of electrical safety.

As his Opening Remarks, Mr Piqueira noted the following:

2012 Milestones and Highlights

- 6 February 2012 – Successful ANSI Webinar on “Why IEC Standards Work is Important to My Company.”

- Two Instructor Led Courses held during the year.

- Three US Young Professionals chosen and sponsored at the IEC General Meeting in Oslo. One was elected by peers as YP Leader for 2012 – Manyphay Souvannarath.

- FINCA meeting and workshop held in September in Toronto. US and Canada presented Thought Paper designed to promote effectiveness and efficiency.

- Mentoring Program with Costa Rica continued with Workshop being planned.

- Outreach Meeting in Oslo with IEC Officers, CENELEC and National Committees of China, Germany and Japan.

2013 Challenges

- Workshop in Costa Rica

- Launch and maximize the effectiveness of the IEC Young Professionals Program in US.

- Hosting the FINCA meeting in the US

- Continuing dialogue with the German National Committee

- Outreach Meetings at the IEC General Meeting in New Delhi to be determined.

- USNC Strategic Objectives to be advanced.
  - Core Element – Membership
  - Core Element – Marketing and Communications
  - Core Element – Leadership and Succession
  - Core Element – Value Proposition of standardization
  - Core Element – Conformity Assessment issues

At the invitation of the President, Mr Matthews shared his thoughts on the past and on the future.

- Changes in IEC Personnel – Ronnie Amit, Joyce La Croix, Gabriel Barta, Others to come.

- President-Elect from Japan elected in Oslo
- Implementation of term limits for TC/SC Chairs in 2014
- Technical Work at the SMB
  - Work for effectively and efficiently
  - Implementation of the Systems Approach
  - Thanks to the support from the USNC

1.3 Approval of Agenda

1.3.1 Approval of Consent Agenda

Mr. Piqueira called attention to the Preliminary Agenda (USNC/Council 537 – REVISED) and invited any proposals for items to be removed for detailed discussion. None were suggested. With no objections, it was moved, seconded and

**VOTED #1 To approve the Consent Agenda (USNC/Council 537 – Revised)**

(This motion was approved unanimously.)

By this action the Minutes of the 30 August 2012 Meeting (USNC/Council 536) at FM Approvals in Norwood, MA, were approved.

1.3.2 Approval of Balance of Agenda

Mr. Piqueira called attention to the balance of the agenda and invited any additions, corrections and changes. None were suggested. It was moved, seconded and

**VOTED #2 To approve the Balance of the Agenda (USNC/Council 537 – Revised)**

(This motion was approved unanimously.)

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

At the Chairman’s invitation, Mr Zegers reported on the following:

**Action Item**
2010-09-09 #1

It was agreed that an effort should be made to highlight those DoD personnel (Army, Air Force, Navy, Marine) who are currently active in USNC TAGs and that the USNC Officers, in concert with initiatives by ANSI, should take an action item to consider more aggressive and more effective programs for reaching out to the US Department of Defense and other Government Agencies for greater participation in standards development.

**USNC Officers**

**Status:** Mr Zegers reported that for a variety of reasons, this anticipated meeting with Trudie Williams has not been held. This item is still considered a work in progress.
Mr Piqueira introduced Mr Benjamin Goldstein and invited him to address the Council.

Mr Goldstein presented an overview of DOE involvement in, and support for, energy efficiency-related standardization activities, including; Federal Energy Conservation Standards; building codes; voluntary consensus-based standards; ISO/IEC technical committees; and contributions to the ANSI Board of Directors and various conformity assessment activities. He also described the genesis and purpose of the newly-formed ANSI Energy Efficiency Standardization Coordination Collaborative (EESCC), for which he serves as Co-Chair. He detailed DoE’s involvement in the following EE-related areas:

- Mandatory and Voluntary Appliance Standards
- Building Codes
- Support for EE-Related American National Standards
- Support for ISO and IEC Technical Committees and Standards Development
- Co-Chairing of ANSI Energy Efficiency Standardization Coordination Collaborative (EESCC)
- Conformity Assessment Activities

(ATTACHMENT A)

In summarizing this discussion and the Q & A that followed, Mr Piqueira emphasized the importance of keeping the dialogue open and invited Mr Goldstein to attend future USNC meetings. Also he noted that Mr McMillan would be serving as USNC liaison to the EESCC and that the USNC Staff and IEC Staff via Jack Sheldon and Jim Matthews would be available to help DoE in its efforts to the maximum extent possible.

Section 4 – Presentation by Mr Jack Sheldon, Standardization Strategy Manager, IEC Central Office

Mr Piqueira introduced Mr Jack Sheldon of the IEC Central Office and invited him to address the Council. Mr Sheldon detailed the following topics:

- Organization and Personnel at the IEC Central Office
- Role of National Committees, particularly with respect to implementation of the Masterplan 2011
During discussion, the USNC was compared to other National Committees and it was suggested that it would be appropriate and worthwhile if other NCs could become more familiar with the structure and operations of the USNC.

Section 5 – Dialogue with Ms Gabriela Ehrlich, IEC Head of Communications

Mr Piqueira introduced Ms Ehrlich and invited her to address the Council. She highlighted the following topics:

- Brief overview of areas covered by IEC CO Marcom Department
- Strategy with regard to penetrating IEC messages with global stakeholders, including international organizations, regulators and policy makers, industry leaders
- Marketing plans for White Papers and sharing of ideas on how NCs can take advantage of this platform
- IEC Global Visions and Technology Visions - completed interviews and ideas on how existing material can help NCs to more easily penetrate the board room - brainstorming on future CEO interview partners
- e-tech strategy and focus for 2013
- media outreach and social media
- Update on CES and WEF meeting
- Other IEC CO Program in line with Masterplan implementation (tools for experts.....)
- Sneak preview of new IEC homepage

Section 6 – Discussion – The IEC Young Professionals Program from the Perspective of the 2012 Recipients, Ms Aisha Bajwa, General Cable and Ms Manyphay Souvannarath, General Electric

Mr Piqueira introduced two of the 2012 US Recipients of the IEC Young Professionals Program who participated in the IEC General Meeting in Oslo, Norway

- Aisha Bajwa, Field Applications Engineer, General Cable
- Manyphay Souvannarath, Senior Systems Engineer, General Electric

He noted that the third YP was unable to participate in this meeting:

- Kevin S Duncan, Senior Staff ESD Engineer,
  Seagate Technology/ESD Association

Ms Bajwa and Ms Souvannarath in turn expressed their appreciation for being chosen and their thoughts on the value and benefits of the program. They discussed their experiences at the 76th IEC General Meeting in Oslo and highlighted portions of the YP program and the value of sharing experiences not only with the other recipients from around the world but also with the instructors. The ability to network with so many peer was invaluable. They talked about the importance of the program and talked about the overall challenge of encouraging young people to work in the area of standardization and conformity assessment as a career not just as a job.
They also spoke of the need to better integrate standards and conformity assessment into academic curricula and how best to utilize social media to get the word out. They also discussed the challenge of getting involved in the future in the work of the National Committee and volunteered to help this program wherever possible.

Mr Piqueira again congratulated them and thanked them for so ably representing the USNC in the IEC Young Professionals Program.

Section 7 – ANSI/USNC Consideration of ITU Issues

Mr Piqueira reminded Council that during the USNC Officers’ meeting with IEC Officers in Oslo and also during each of the 4 Outreach meetings with the National Committees of China, Germany and Japan and with CENELEC, a number of issues concerning ITU were raised. Subsequently, documentation concerning these issues gathered by ANSI was sent to all contacts. Of note are two background documents:

- Summary of ANSI Activities Related to ITU Activities (ATTACHMENT D)
- Observations Re IEC Activity Overlapping with ITU-T Activity (ATTACHMENT E)

Mr Matthews provided a brief status report on efforts on the part of ISO and IEC to work cooperatively with ITU. He recently represented IEC at ITU meetings in Dubai along with Rob Steele, Secretary General of ISO. The subject has been discussed by the three bodies directly and the next opportunity will be around the borders of the World Standards Cooperation (WSC), its next meeting being in February 2013. Unquestionably, ITU is attempting to represent itself as being responsible for the ICT (Information Communications Technology) space. In the US, this subject is being watched very carefully by affected standards developers and by the US State Department.

A presentation was made on ITU’s Conformity & Interoperability Program at the CAB meeting in Oslo and the USNC recommended that the ICEE continue to work with ITU to seek areas of common interest.

Section 8 - For Action - USNC Strategic Objectives Program

Mr Piqueira provided a status report on the USNC’s Strategic Objectives Program. He reminded Council that a day-long meeting was devoted to this subject in August 2012 in Norwood, MA, with the help of a facilitator, Bob Bellhouse. Subsequent to the meeting, Mr Bellhouse consolidated the raw material into a format and structure that would enable the USNC to build its strategic plan. The President called attention to document, USNC/Council 558, which was circulated with the agenda for this meeting. This document includes 5 Core Elements and a series of Strategic Objectives and Action Plans under each. They are by no means complete and now the Champions are being asked to fill in the gaps prior to the 2 May Council meeting at Dell, Inc., in Round Rock, TX. We are attempting to set up a living, guidelines document that will help direct the activities of the USNC for several years to come. The Core Elements and Champions are as follows:
• Core Element 1: Increasing and broadening USNC membership
  (Champion: Kevin J Lippert)

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

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

• Core Element 4: Building recognition of the value proposition of standardization work by
  current and prospective stakeholders
  (Alec McMillan/Robert A Williams)

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

Section 9 – For Information – Report – President’s Task Force on Conformity Assessment
Systems – Robert A Williams

Mr Piqueira provided a brief history of the establishment of the President’s Task Force designed
to work with the three USNC Conformity Assessment Systems with the task of ensuring that
their procedures each contain basic and uniform criteria while allowing room for necessary
differences where appropriate. Mr Williams reported that the Task Force has meet several times
via teleconference and worked to agree on the essential requirements required in all procedures.
The procedures were then revised, where necessary, and several weeks ago a teleconference was
held in order to address several remaining, overarching issues. With agreement on these issues,
procedures will be revised accordingly and submitted to the General Secretary for circulation to
CAPCC and the Council for approval. At the present time, the Procedures of the USNC/IECQ
have been received and the Procedures of the USNC/IECEE and USNC/IECEx are undergoing
balloting within their constituencies.

Mr Zegers noted that, at the same time and with input from ANSI’s Legal Council, proposed
revisions to the USNC Statutes have been drafted to incorporate the establishment of CAPCC
and to confirm that the three Systems serve as standing committees of CAPCC as opposed to
Council, as was formerly the case. These revisions will also be circulated to Council for its
approval and then included in to overall draft revision of the USNC’s Statutes which will be
submitted to Council for approval.

Section 10 – For Information – Standardization Management Board (SMB) and Other
Technical Issues – Alec McMillan, Vice President – Technical, Rockwell Automation

Mr McMillan reported on the activities resulting from the TMC meeting on 16 January and on
plans for the next SMB meeting scheduled for 12 February 2013 in Geneva. He highlighted the
following:
Mr Jack Sheldon provided a brief report on the following:
- Central Office Structure and Organization
- IT Tools Consultation
- Collaboration Tools Suite (CTS)
- IEC Liaisons
- MyIEC

SMB Strategic Group #1 – Energy Efficiency and Renewable Resources, was disbanded and an Advisory Committee on Energy established. The disposition of the Renewable Energies portion of this scope has been assigned to SMB Ad Hoc 42 for recommendation. Dan Manole, USNC Rep, provided a report.

SMB Strategic Group #2 – Standardization of Ultra High Voltage Technologies (UHV) – The USNC is not represented. Proposed new TC on UHV-AC transmission systems

SMB Strategic Group #3 – Mr Ken Caird, USNC Rep, called into the meeting and provided a report.

SMB Strategic Group #4 – LVDC Distribution Systems Up to 1500 V DC – USNC Rep, Ken Gettman, provided a report.

SMB Strategic Group #5 – Ambient Assisted Living (AAL) – Kim Delort called provided a report.

SMB Strategic Group #6 – Electrotechnology for Mobility – Kevin Lippert provided a report.

ACTAD – Advisory Committee on Transmission and Distribution – Joe Koepfinger provided a report.

ACEC – Advisory Committee on Electromagnetic Compatibility – Don Heirman provided a report.

ACOS – Advisory Committee on Safety – No report provided.

ACEA – Advisory Committee on Environmental Aspects – The future status of ACEA is under consideration by SMB.

ACTEL – Advisory Committee on Telecommunications – Jim Matthews provided report.

TC 23 – Electrical Accessories – Mr Gettman provided a report on the efforts of TC 23 and SC 23B to establish a Chairman’s Advisory Group in order to address the USNC’s proposals to implement the IEC Global Relevance Policy.

Ad Hoc Group 35 – Systems Standardization – Mr McMillan reported on the 14 January 2013 meeting of this Ad Hoc Group in San Diego. A possible US Forum on Systems is being planned.
• Fixed terms for TC/SC Chairs

• A White Paper is being considered on CENELEC and the Dresden Agreement. It was prepared by a TMC Task Force chaired by Steve Swanson.

• Proposed new TC on Grid Integration of Large-Capacity Renewable Energy (RE) Generation proposed by the Chinese National Committee.

• Proposal from the German and Chinese NCs: Household and similar intelligent robot technologies.

**Section 11 – For Information – Conformity Assessment Policy Coordination Committee (CAPCC) (T T Duffy, Vice Chair, CAPCC)**

Mr. Duffy briefly highlighted the results of the Tuesday, 15 January 2013, Conformity Assessment Policy Coordinating Committee (CAPCC) meeting held in San Diego. *(ATTACHMENT F)*. He highlighted the following:

• CAPCC membership recruitment efforts continue and anyone interested should contact Charlie Zegers.

• Reports were provided on the
  - ANSI Conformity Assessment Policy Committee (CAPC)
  - ANSI International Conformity Assessment Committee (ICAC)

• Consideration is being given to proposing to CAB that CASCO New Work Item Proposals be added to the CABPUB processing procedures.

• Mr Robert Crane, UL Anti-Counterfeiting Operations, gave an excellent presentation on the proliferation and danger of counterfeit products.

• US Representatives of IEC TC 82 – Solar Photovoltaic Energy Systems, teleconferenced into the meeting to seek guidance on how to get quality management into the manufacturing chain for their products and to report on their efforts on this subject at the Oslo General Meeting.

• Mr Sandy Butterfield, Chair of IEC/TC 88 – Wind Turbines, provided an up date on the activities of the CAB/TC 88 Certification Advisory Committee.

• Current related ITU issues

• Mr Gordon Gillerman, NIST, provided a report on a number of government activities related to conformity assessment.

• Mr Doug Durant, John Deere and Co., and Chair, ANSI Regional Standing Committee – Asia Pacific and Elise Owen, ANSI China Specialist, provided a report.
• Mr Alec McMillan provided a report on the National Association of Manufacturers’ Conformity Assessment in Standards Committee.

• Mr Piqueira presented the subject of the USNC Strategic Objectives and asked CAPCC to get involved in the process. A Task Force was established to take on this assignment.

• CAPCC endorsed the creation of a 4th USNC Vice President – Electrotechnical Conformity Assessment.

• Mr Peter Unger, President & CEO, American Association for Laboratory Accreditation (A2LA) gave a presentation on Changes in Accreditation Standardization, Impact & Benefit to Manufacturers.

• Mr Steve Margis, UL, Mr Keith Mowry, UL & Chair ANSI ICAC, and Reinaldo Figueiredo addressed the subject of ISO/IEC 17065.

• Mr Margis also provided a report on the SMB Ad Hoc 35 meeting and on coordination with the related CAB WG 16.

• IECEE consideration of a Motor Efficiency Program based on the NEMA program.

• Mr Piqueira provided a report on the FINCA meeting in September 2012 in Toronto and on a Workshop on Counterfeit Products held in conjunction with it.

• Mr Josh Rosenberg, ITIC, called in to discuss various issues related to China.

• Oslo CAB Meeting results and elections

• CAPCC reviewed the US Experts on CAB WGs and on the process for their appointment.

• Considered an IEC – UNIDO (UN Industrial Development Organization) brochure recently released titled, “Setting up an electrical testing laboratory in a developing country.”

11.1 Status Report – USNC/IECEE

Mr Duffy reported on the IECEE and the USNC/IECEE (ATTACHMENT G). He highlighted the following:

• Administration
• Treasurer’s Report
• Current Activities
• March 2012 CMC Meeting Highlights
• IECEE Energy Efficiency E3 Program
• E3 Global Motor Efficiency Labeling Program
11.2 Status Report – USNC/IECEx

Mr Kerry McManama reported on the IECEx and the USNC/IECEx (ATTACHMENT H). He highlighted the following:

- Administration
- Treasurer’s Report
- Current Activities

11.3 Status Report – USNC/IECQ

Mr Stan Salot, President of the ECC Corp., provided a brief report on the activities of the IECQ and the USNC/IECQ. (ATTACHMENT I) He highlighted the following:

- IEC IECQ Update
- Items of Interest
- IECQ Working Groups
- USNC/IECQ Officers
- USNC/IECQ Organization Membership
- USNC/IECQ Joint Projects

11.4 Draft Terms of Reference – USNC Vice President – Electrotechnical Conformity Assessment (ATTACHMENT J)

Mr Piqueira reported that consideration is again being given to establishing a 4th USNC Vice President – Electrotechnical Conformity Assessment. The subject was raised with CAPCC at its 15 January meeting and draft Terms of Reference were reviewed. With only one suggested editorial change, this draft was approved for submission to Council for formal approval by E-Ballot. With no additional comments, it was moved, seconded and

VOTED #3 To recommend to USNC Council that an E-Ballot be conducted for approval of the Draft Terms of Reference for a 4th USNC Vice President – Electrotechnical Conformity Assessment.

(This motion was approved with no objections recorded.)

Section 12. Report on IEC Publications Sales

Mr Piqueira introduced Mr George Gulla, ANSI’s VP – Publication Sales & Membership, who called into the meeting to present his report. Mr Gulla provided the following report:

“2012 sales revenues and royalties from direct and indirect sales respectively is expected to exceed 2012 Budget and 2012 August LE. 2012 sales should exceed $4.0MM due to a stronger than projected 4th quarter. Sales revenues and royalties over the past 5 years have grown approximately 9% per year on a compounded annual growth rate basis.

Subscription sales are growing at a much higher rate than retail sales of IEC standards within the US. Compared to 2011, subscription sales in 2012 grew in excess of 20% while retail sales grew at a 7% rate. Subscription sales accounted for 45% of overall sales while retail sales
accounted for 55% of overall sales during 2012. This compares to 30% for subscription sales and 70% for retail sales in 2008.

For 2013, ANSI is projecting sales revenues and royalties of approximate $4.0MM. This projection was conducted in the August/September 2012 time frame and prior to the 2012 4th quarter performance. However, ANSI proceeded budgeting with a degree of caution given communications from existing subscription customers of corporate mandates to cut overall expenses by as much as 10-15% in 2013.”

Section 13 Nominations Committee
( Kevin J Lippert, Vice President, Membership Development and Recruitment)

Mr Lippert reported that the Committee met via teleconference on 18 December 2012 primarily to initiate the USNC’s Membership Campaign, to plan various aspects of the USNC’s Awards effort and to up-date the Succession Plan. (See document USNC/Council 549 (ATTACHMENT K)) He highlighted the following:

- He expressed his appreciation to the membership of the Nominations Committee and to USNC Staff for their help and efforts on behalf of the Committee.

- The USNC Membership Campaign was launched with a review of potential USNC members, both ANSI Members and Non-Members. E-Mails will shortly be sent to both groups inviting them to consider not only Sponsoring Membership but also greater involvement in USNC TAGs. This will be followed up by personal contacts by members of the Committee with selected individuals. Council members were invited to review the list of potential contacts and to volunteer to make similar contacts.

- Mr Lippert called attention to the Approved Terms of Reference for the USNC Distinguished Service Award and particularly to the following sentence: “The Award will consist of a personalized, 8” x 10” wooden plaque signed by the USNC President as well as a unique lapel pin.” He reported that the ANSI Communications and Public Relations Department has recommend an etched crystal presentation similar to the ANSI Meritorious Service Award as opposed to a wooden plaque and recommends against a lapel pin because of the expense and quality deterioration with only a maximum of 3 given out each year. It was moved, seconded and

VOTED #4 To approve the deletion of the following sentence from the Approved Terms of Reference for the USNC Distinguished Service Award, “The Award will consist of a personalized, 8” x 10” wooden plaque signed by the USNC President as well as a unique lapel pin.” (This motion was approved unanimously.)

- Mr Lippert called attention to the fact that announcements will be made in the not too distant future for the 2013 ANSI Awards Program and the IEC Lord Kelvin Award and Thomas A Edison Standards and Conformity Assessment Awards. He encourage the USNC constituency to these invitations serious consideration and to submit nominations when requested.

- Mr Lippert also called attention to the USNC’s Succession Plan and strongly encouraged the USNC constituency to review this document carefully to identify areas and positions of possible interest. He also mentioned the possibility of the USNC nominating a
The candidate for IEC President-Elect who will be elected at the IEC General Meeting in 2015. This candidate should be:

- A Senior Executive
- Willing to commit 50% of his/her time
- 6 year commitment (1 year as President-Elect, 3 years as President, 2 years as Immediate Past President
- Familiar, to some extent, with IEC

- The USNC Nominations Committee recommends that Honorary Life Memberships be extended to Mr Albert (Chip) Pudims and to Dr John G Abbott.

It was moved and

VOTED #5 Council approves that USNC Honorary Life Memberships be conferred on Mr Albert (Chip) Pudims and on Dr John G Abbott.
(This motion was enthusiastically approved unanimously.)

Section 14 Communications and Continuing Education Committee
Elaina M Finger, Corning Incorporated

Ms Elaina Finger, Chair of the USNC Communications and Continuing Education Committee (CCECO), called into the meeting and provided a report on the Committee’s last meeting which took place on 13 December 2012. (See USNC/Council 550 (ATTACHMENT L).) She highlighted the following:

- Called attention to USNC/Council 530 (ATTACHMENT M), the tracking mechanism for Committee projects and activities.
- Jonathan Colby, US Young Professional and YP Leader for 2011, has provided to the Committee a guideline document on a Mentoring Program that was developed via the Young Professionals program.
- A Joint Task Force of the C&CEC and the ANSI Committee on Education (COE) has been established and endorsed by the ANSI Board of Directors to investigate the subject of possibly establishing a Young (New) Professionals Program in the US. It is intended that existing programs will be examined and consideration given to recommending elements that are felt to be doable in the US in both the short and long terms. The Task Force is expected to meet in the 1st Quarter of 2013. (ATTACHMENT N)
- The 2013 IEC Young Professionals Program was to be launched shortly and the deadline for nominations is 30 April 2013. The entire USNC constituency is encouraged to get behind this important program. (Secretary’s Note: The 2013 program was launched on 29 January 2013.)
- An Informational Brochure was circulated at this Council meeting which resulted from the very successful ANSI Webinar held on 6 February 2012 under the title, “Why IEC
Standards Work is Important to My Company!” Messrs Piqueira, Matthews, McMillan and Lippert shared with some 125 participants the reasons why their companies encourage their participation in IEC and the USNC.

- Two Instructor Led Training Session took place in 2012, one on 28 March with 17 participants and the other on 18 July again with 17 participants. Sonya Bird, Eliana Finger and Ken Gettman served as the Instructors. Three sessions are being planned for 2013 and Instructors in Training are always welcome.

- A USNC TAG Operations Webinar was held on 30 November 2012 with some 44 participants. Sonya Bird and Ken Gettman discussed with participants the changes to the TAG Model Operating Procedures, definition of Quorum and Frequently Asked Questions.

- The 6th TAG Leadership Workshop will be held on Thursday, 13 September 2013 at NEMA HQ, Rosslyn, VA, in conjunction with the USNC Management meetings. Megan Hayes, NEMA, is again chairing this important effort and anyone interested in participating is invited to contact Elaina Finger and/or Charlie Zegers.

- 4 issues of News and Notes are again being planned for 2013 with the 2nd issue being devoted to the subject of Linking Research and Standardization. Also, C&CEC is launching a Contest to select a permanent name for this USNC Newsletter.

- The Committee has begun its review of Core Element 2: Ensuring effective marketing and communications of key USNC messages as part of the USNC Strategic Objectives Program.

Mr Piqueira complimented and thanked Ms Finger and the C&CEC for their many contributions to the accomplishments of the USNC.

Section 15  COPANT General Assembly

Mr Kushnier reported that the next COPANT General Assembly would be held on 22 – 26 April 2013 in St Lucia. In addition to the Assembly itself several Workshop are planned for the week. In addition, IEC is scheduled to host a Welcome Reception for the delegates.

The Pacific Area Standards Congress (PASC) will hold its 2013 in Honolulu on 18 – 25 May.

The next ANSI – European Standards Organizations (ESOs) – Joint Presidents’ Group (JPG) meeting is scheduled for 11 – 12 February in Dublin, Ireland.

A report of ISO activities is provided as ATTACHMENT O.

Section 16.  Costa Rica/USNC Workshop

Mr Piqueira reminded the Council that the USNC continues its mentoring program with Costa Rica. A two day, Joint Workshop, in Costa Rica, is being planned and the USNC, hopefully, will contribute speakers as appropriate. Neighboring countries to Costa Rica will also be invited to participate. The tentative time for this event is the 2nd Quarter of 2013. Those interested were invited to make their interest know to Mr Zegers. (ATTACHMENT P)
Mr Piqueira provided a brief overview of the 76th IEC General Meeting in Oslo, Norway.

17.1 Outreach Meetings

He discussed the various Outreach Meetings that were held during the Oslo General Meeting and highlighted the following:

USNC Delegation Meeting (Sunday, 30 September 2012)

b) USNC Delegation Reception (Sunday, 30 September 2012)

The following Outreach Meetings were:

c) Outreach meeting with CENELEC

During this meeting, the following PowerPoint presentations were given:

- Towards a scaling up of European activities – Masterplan on Education about Standardization
- Research Integration in CEN and CENELEC

d) Outreach meeting with Chinese NC

e) Outreach meeting with Japanese NC

f) Outreach dinner meeting with Germany NC
   (USNC Host)

During this dinner meeting with Germany, the Young Professionals Program was given high priority as was the subject of Smart Cities. Germany agreed to provide background information on the subject and subsequently provided a PowerPoint presentation, titled “DIN/DKE Activities Smart Cities/Sustainable development of communities.” It was agreed that the USNC and DENC would continue their bi-lateral discussion possibly in Germany in 2013.

g) USNC Officers Meeting with IEC Officers.

During all of the Outreach Meetings, the subjects of the International Telecommunications Union and the 2022 US Hosted General Meeting were raised as discussion topics.

17.2 Council Meeting and Council Open Session – 5 October 2012

The Council Meeting and Council Open Session took place on Friday, 5 October 2012. The Open Session addressed the subject of “Renewable Energy and Future Grids.”
17.2.1 IEC Leadership Elections

IEC Leadership Elections
Mr Piqueira noted that the following Elections will be held at the Council meeting in Oslo:

- Dr Junji Nomura (Japan) was elected President-Elect for a three-years term as President (2014 – 2016)

- Mr Jun Xie (China) was re-elected to Council Board.

- Elected/re-elected to Council Board (CB) for three-year terms (2013-2015)
  - Mr Gianni Binacchi (Italy)
  - Mr Ralph Craven (Australia)
  - Mr Gunter Idinger (Austria)
  - Mr Ed Tymofichuk (Canada)

  The President noted that Ed Tymofichuk is the former President of the Canadian National Committee and a good friend of the USNC.

- One “Automatically Appointed Member” of the SMB by Council
  - China – Ms Hong Dai

- Elected/re-elected to SMB for three-year terms (2013-2015)
  - Australia – Mr Kim Leon Craig (Australia)
  - Sweden – Mr Svante Skeppstedt

- Elected/re-elected to CAB for three-year terms (2013-2015)
  - China - Mr Weijun Liu
  - Rep of Korea - Mr Soo Hyun Baek
  - Sweden – Mr Thomas Korssell
  - United Kingdom – Mr Simon Barrowcliff

17.2.2 IEC Financial Matters

The following finance related documents were all approval by Council in Oslo.

Report concerning the auditing of the IEC – only Accounts for the financial year 2011 and the Guarantee Fund, established by BDO Ltd (Geneva, Switzerland) C/1728/DV

Report concerning the auditing of the IEC Consolidated Accounts for the financial year 2011, established by BDO Ltd (Geneva, Switzerland) C/1729/DV

Memorandum from the Treasurer on the 2011 IEC Audited Accounts, including a proposal on how to use the surplus C/1752/DV

Proposed IEC Budget for year 2013 C/1753/DV
17.3 Council Board Meeting – 3 October 2012, Oslo
Mr Piqueira reported briefly on the Council Board Meeting which took place on 3 October in Oslo. The following were among the subjects that were discussed:

- Turnover to New General Secretary
- Masterplan 2011 Implementation
- 3rd IEC Vice President – Chair Market Strategy Board (China)
- Update from the Treasurer
- Simultaneous membership of management bodies
- New work item initiated by the President or General Secretary
- IEC Young Professionals
- TC/SC Chair Term Limits

17.4 Survey on USNC Hosting 2022 IEC General Meeting

Mr Piqueira reminded that members that on 8 March 2012 a survey was circulated to the USNC constituency concerning the possibility of inviting the IEC to hold its 2022 General Meeting in the US. The results were very positive suggesting that the USNC should proceed. As a result, the President gave a presentation for the ANSI Executive Committee at its meeting on 19 July 2012 and included a rationale for proceeding with a place holder invitation. The ExCo endorsed this action and the USNC reported its intent to the IEC Council in Oslo.

Within the next 6 months, it is intended that a Planning Committee will be launched. Anyone interested in participating is invited to make that interest known to Mr Zegers.

17.5 Visit of IEC Officers to ANSI DC HQ – 4 – 5 – 6 December 2012

Mr Piqueira reported that the IEC Officers, General Secretary Frans Vreeswijk, Special Advisor to the President Ronnie Amit, President Elect Junji Nomura, Past President Jacques Regis and VP – SMB Chair Jim Matthews, visited ANSI Headquarters in Washington, DC, on 4-5-6 December 2012 for meetings with USNC representatives, ANSI Officers, ANSI Senior Staff and Voluntary Leadership. Mr Vreeswijk gave a presentation on IEC to the ANSI Board of Directors on 6 December.
Section 18 – For Information CANENA  
(Council for Harmonization of the Electrotechnical Standards of the Nations of the Americas)  
(Tim McNeive)

Mr McNeive called attention to the CANENA Address given by Rafael Nava to the IEC SMB meeting in Oslo.  (ATTACHMENT Q)

Section 19  USNC Finance Committee  
(Robert A Williams, Chair, USNC Finance Committee)

Mr Williams reported that the Committee met via teleconference on 13 December 2012 primarily to review the results of the 2012 funding program and the status of the distribution of invoices for 2013. (See document USNC/Council 548 (ATTACHMENT R)) He highlighted the following:

- The USNC realized a revenue surplus for both 2011 and 2012. Mr Piqueira reported that he had been in touch with Joe Bhatia and ANSI Management on this subject. It has generally been agreed that the USNC has the freedom to do the things it needs to do and if the revenue is available and the goals are reasonable, there should be no problem. However, due to the uncertainty of sales forecasting and in accordance with the handling of surpluses in the corporate world, the disposition of surpluses is a subject that requires discussion and agreement by both ANSI and USNC management.

- Mr Williams reported that Mr Zegers had received an inquiry from the management of the USNC TAG for IEC/TC 108 having to do with the Resource Expert category of TAG Participant. One TAG member, an educator, has been designated Resource Expert annually for several years. The TAG is considering another individual for such designation, however, according to the USNC rules, only one such designation is allowed each year. The related excerpt from the TAG Model Operating Procedures follows:

  “7.5 Resource Expert

Each USNC TAG shall be allowed to designate, each year, one individual as a “RESOURCE EXPERT” (RE) for the TAG. The RE should be an individual whose knowledge and expertise are deemed vital for the TAG’s work, and is unable to obtain the needed funding for TAG membership from their employer or other sources. This RE shall be exempt from paying applicable annual USNC TAG Participation Fee. The TAG RE shall be nominated by the TA, elected by vote of the TAG, and confirmed by the USNC General Secretary for a period of one year. The RE shall count towards the minimum number of TAG participants required to establish a viable TAG.”

Mr Zegers has an Action Item for the next Finance Committee meeting to develop an appropriate recommendation on this subject for consideration.
• Mr Williams reminded Council that the Finance Committee has been considering, for some time, a proposal for Financial Support for USNC Officers’ travel, in order to improve the chances that future candidates for such positions might agree to serve. He called attention to the proposal contained in the report of the Finance Committee, USNC FC 43 and to the Committee’s recommendation. It was moved, seconded and VOTED #6 That USNC Council approves the allocation of $60K in the 2014 USNC budget to provide limited travel support for USNC Officers in the performance of their responsibilities.

(This motion was approved unanimously.)

• The Finance Committee reviewed the Items to be Funded in the USNC 2013 Budget.

• Mr Williams reported that the IEC Finance Committee, on which he is a member, is scheduled to meet in Geneva on 16 April 2013.

• He also reviewed the IEC approved budget for 2013 (C/1753/DV) and the IEC National Dues for 2013 (C/1771/INF).

Section 20 Review of Council Standing Committees for 2013

Mr Piqueira called attention to the list of the members of the Council’s Standing Committees and noted that, according to the USNC’s Statutes, this list must be approved by Council each year. (ATTACHMENT S)

It was moved, seconded and VOTED #7 That Council approves the membership list of Council Standing Committees contained in document USNC Council 544 dated 19 December 2012.

(This motion was approved unanimously.)

Section 21 Forum of the IEC National Committees of the Americas (FINCA) Meeting (Argentina, Brazil, Canada, Chile, Colombia, Mexico and USA)

Mr Piqueira reported that the last FINCA meeting took place on 10 – 11 September in Toronto, Canada. As part of the its contribution to this meeting the USNC and the Canadian National Committee develop a “Thought Paper” which suggests ways in which the operations of FINCA might be changed to improve efficiency and effectiveness. Also a Workshop was held on the 2nd day of the meeting entitled, “Counterfeit Products in Today’s Global Marketplace.” Mr Clark R Silcox, General Counsel, NEMA and Mr Robert Crane, Anti-Counterfeiting Operations, UL LLC, participated. Each of the FINCA National Committees participating discussed different aspects of this subject from their country’s perspective.

Mr Piqueira also noted that the USNC is scheduled to host the 2013 FINCA meeting. A date and location has yet to be determined.
Section 22 – Future Meeting Dates

USNC Management Meetings Schedule – 2013 and Beyond

The following meeting dates for 2013 and beyond have been confirmed or are under consideration.

2013

Tuesday, 12 February 2013
SMB Meeting, Geneva

COPANT General Assembly
Week of 22 – 26 April 2013
Gros Islet, Saint Lucia

PASC 36
Week of 20 – 23 May 2013
Honolulu, Hawaii

Tuesday/Wednesday/Thursday
30 April -1-2 May 2013
Location: Dell Inc., Austin, TX

Monday, 10 June 2013
CAB Meeting, Geneva

Tuesday, 11 June 2013
SMB Meeting, Geneva

Tuesday/Wednesday/Thursday
10-11-12 September 2013
Location: Washington, DC Area

77th IEC General Meeting
New Delhi, India
21 – 25 October 2013
- SMB Monday, 21 October
- CAB Tuesday, 22 October
- CB Wednesday, 23 October
- Council Friday, 25 October

2014

Tuesday, 18 February 2014 (Proposed)
SMB Meeting, Geneva

Tuesday, 17 June 2014 (Proposed)
SMB Meeting, Geneva
Section 23 Adjournment

Mr Piqueira again expressed his appreciation and that of the USNC Council to Paul Hearty and to Sony Electronics for the hospitality extended during these USNC meetings in San Diego, CA.

The meeting was adjourned at 3:45 p.m.(PST)

Respectfully submitted;

Charles T Zegers
General Secretary USNC
19 March 2013