USNC COUNCIL 536
11 December 2012

MINUTES
USNC COUNCIL
Meeting

FM Approvals
Norwood, MA

Thursday, 30 August 2012
(Meeting #37)

Members Participating | USNC Position | Affiliation
--- | --- | ---
Philip M Piqueira (Chairman) | USNC President | GE
John G Abbott, Ph.D | Member | Philips Healthcare
Bill Belt (*, PT) | Member | CEA
S Joe Bhatia | President and CEO | ANSI
Sonya M Bird | Member | UL
Cheryl Blum (*, PT) | Member | TIA
Lloyd W Condra | Member (ECC Corp) | The Boeing Co
Mark W Earley | Member | NFPA
JoAnn M Emmel, Ph.D. | Member | Virginia Tech
Gerald FitzPatrick, Ph.D. | Member | NIST
John P Goodsell | Member | Hubbell Inc
Paul J Hearty, Ph.D. | Member | Sony Electronics, Inc.
Carol Herman | Member | AAMI
Susan C Hoyler (PT) | Member | QUALCOMM, Inc.
Kevin J Lippert | USNC VP – Mbr Dev | Eaton Corp
James E Matthews, III | IEC VP – Chmn SMB | Corning Incorporated
Alec McMillan | USNC VP – Technical | Rockwell Automation
Timothy P McNeive | Member | Thomas & Betts
Edward F Mikoski, Jr. | Member | ECIA
Stephen G Rood | Member | Legrand/Pass & Seymour
Stanley H Salot, Jr. | Member | ECC Corp
Al B Scolnik | Member | NEMA
Paris Stavrianidis | Member | FM Approvals
Joan E Sterling | USNC Alternate Rep CAB | Intertek
Trudie L Williams | Member | DoD
John W Young | Member | Siemens Industry
Tony Zertuche | Deputy GS USNC | ANSI
Charles T Zegers | General Secretary, USNC | ANSI
## Guests Present

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<tr>
<th>Name</th>
<th>Role or Position</th>
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<tr>
<td>Aisha Bajwa</td>
<td>2012 IEC YP</td>
<td>Alcan Cable</td>
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<td>Derek Berry</td>
<td>2012 1906 Award Recipient</td>
<td>NREL</td>
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<td>Sujeeet Chand (*) (PT)</td>
<td>Member, IEC MSB</td>
<td>Rockwell Automation</td>
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<td>Peter J Chiaro, Jr.</td>
<td>2012 1906 Award Recipient</td>
<td>US DHS</td>
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<td>Herb V Congdon, II</td>
<td>Speaker</td>
<td>TIA</td>
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<td>Donald R Deutsch (*) (PT)</td>
<td>Member, IEC MSB</td>
<td>Oracle</td>
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<td>Tim Duffy</td>
<td>CAPCC Vice Chair</td>
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<td>Kevin S Duncan (*) (PT)</td>
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<td>Seagate Technology</td>
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<td>Elaina Finger</td>
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<td>Corning Incorporated</td>
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<td>Daryll T Fogal (*) (PT)</td>
<td>Member, IEC MSB</td>
<td>Eaton Corp</td>
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<td>Kenneth E Gettman</td>
<td>TMC Vice Chair</td>
<td>NEMA</td>
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<td>Lane Hallenbeck</td>
<td>VP, Accreditation Svc's</td>
<td>ANSI</td>
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<td>Megan A Hayes</td>
<td>TMC Member</td>
<td>NEMA</td>
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<td>Donald N Heirman</td>
<td>TMC Member</td>
<td>US EMC Stds Corp</td>
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<td>Gary Kushnier</td>
<td>VP, International Policy</td>
<td>ANSI</td>
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<td>William G Lawrence, Jr (PT)</td>
<td>TA, USNC TAG TC 31</td>
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<td>Mike Leibowitz (*) (PT)</td>
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<td>Robert McConnell (*) (PT)</td>
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<td>Amonix Inc</td>
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<td>James McGarrah (*) (PT)</td>
<td>Speaker</td>
<td>George Tech Res Inst</td>
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<td>Jon Miller (*) (PT)</td>
<td>2012 1906 Award Recipient</td>
<td>Detector Electronics</td>
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<td>Joseph Musso</td>
<td>TMC Member</td>
<td>UL</td>
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<td>James T Pauley</td>
<td>ANSI’s Chairman</td>
<td>Schneider Electric</td>
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<td>Peter E Perkins (*) (PT)</td>
<td>2012 1906 Award Recipient</td>
<td>Principal Prod Safety Consul</td>
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<td>Charley Robinson</td>
<td>TMC Member</td>
<td>ISA</td>
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<td>Patrick Salas</td>
<td>TMC Member</td>
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<td>Manyphay Souvannarath (*) (PT)</td>
<td>2012 IEC YP</td>
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<td>Steven E Swanson</td>
<td>TMC Member</td>
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<td>Tim Zgonena (*) (PT)</td>
<td>2012 1906 Award Recipient</td>
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## Members Not Participating

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<tr>
<td>Brian Fitzgerald</td>
<td>Member</td>
<td>FDA</td>
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<td>Alan Manche</td>
<td>Member</td>
<td>Schneider Electric</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>Greg Orloff</td>
<td>Member</td>
<td>CSA Standards</td>
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<tr>
<td>Gary Schrempp</td>
<td>Member</td>
<td>Dell Inc</td>
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<tr>
<td>Sam Sciacca</td>
<td>Member (IEEE)</td>
<td>SCS Consulting</td>
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<tr>
<td>Robert A Williams</td>
<td>Member</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. (EDT). He welcomed everyone to Norwood, MA and thanked FM Approvals, and particularly Paris Stavrianidia, for the fantastic support given to these USNC meetings. He expressed a special welcome to our 1906 Recipients’ Guests, the parents of Tim Zgonena and Mike Leibowitz’s wife Alma. He also welcomed Aisha Bajwa, one of our 2012 Young Professionals who traveled from California to be with us. This was followed by self introductions.

As his Opening Remarks, Mr Piqueira noted the following:

- We have a very full agenda and have had a very full week of meetings starting with CAPCC, TMC, Strategic Planning day, and Council. Everyone’s participation and contributions are very much appreciated.

- Alan Manche is a new Council Member from Schneider Electric and he expected to participate in today’s meeting. Unfortunately, his 9 year old son had an accident with a skate board and injured his elbow. He will be undergoing surgery today so please keep him in your thoughts.

- He noted that while meeting attendance is important and critical to our operations, responding to E-Ballots is equally important. Recent USNC Voting Membership, Council and TMC E-Ballots have been sluggish in terms of response. Mr Piqueira requested that this be given a higher priority for everyone.

1.2 Presentations of IEC 1906 Awards

USNC President Phil Piqueira and IEC Vice President – SMB Chair Jim Matthews presented IEC 1906 Awards to 7 2012 Recipients who were able to participate. This award was established to recognize and acknowledge Experts who have contributed in an exceptional way to the technical work of IEC. This 28 USNC Experts are honored by this award, considered by Mr Piqueira to be one of the most prestigious IEC Awards because it is determined by your peers, the people who look to you for technical expertise.

Recipients in Attendance

Derek Berry, NREL, (TC 88)  
Peter J. Chiaro, Jr., Dept. of Homeland Security (TC 104)  
Mike Leibowitz, NEMA (TC 113)  
Robert McConnell, Amonix Inc. (TC 82)  
Jon D Miller, Detector Electronics (TC 31)  
Peter E. Perkins, P.E. (TC 108)  
Tim Zgonena, UL (TC 82)

The names of all 2012 USNC Recipients are provided in ATTACHMENT A.

Mr Matthews took this opportunity to express his appreciation and that of the IEC for the
technical contributions to international standardization made by the recipients.

### 1.3 Presentation of SES Award

The President invited Ms Sonya Bird and Mr Ed Mikoski, officers of SES - The Society for Standards Professionals to address the Council. They called forward Mr Jim Matthews and presented him with the Leo B Moore Award:

> For highest achievement, extraordinary contribution, and distinguished service in the field of standardization, and its professional advancement through original research and writing, creative application and development, or professional and public service SES – The Society for Standards Professionals proudly makes this LEO B MOORE AWARD to

> JAMES EDGAR MATTHEWS III

### 1.4 Approval of Agenda

#### 1.4.1 Approval of Consent Agenda

Mr. Piqueira called attention to the Preliminary Agenda (USNC/Council 522 – 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 Revised Consent Agenda (USNC/Council 522 – Revised)

(This motion was approved unanimously.)

By this action the Minutes of the 3 May 2012 Meeting (USNC/Council 521) were approved.

#### 1.4.2 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 522 – 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.

**Status:** Mr Zegers reported that for a variety of reasons, a meeting with Trudie Williams has not been held. This item is still considered a work in progress.

### Section 3 – For Information – Dialogue with ANSI’s Chairman of the Board, Mr James T Pauley, Senior Vice President, External Affairs & Government Relations, Schneider Electric

Mr Piqueira introduced Mr Jim Pauley, ANSI’s Chairman of the Board, and invited him to address the Council. Mr Pauley highlighted the following:

- **Recent Federal Register announcements with which ANSI has been dealing and for which comments have been submitted.**

  Incorporation by Reference – The debate is between those who feel that standards that are referenced in regulations should be available free to the public while many standards developers point to the cost of standards development and the absence of alternatives funding mechanisms.

  Revision of OMB Circular A119

  Further information can be obtained at the Legal Issues Forum on 10 October 2012 during World Standards Week.

- **Office of Foreign Assets Control (OFAC), part of the Treasury Department**

  The question was raised by some that if a country participate in standards activities where certain embargoed countries also participate, is that country in violation of the embargo act. Countries such as Iran, Cuba, North Korea, Sudan are involved and are involved in ISO and IEC TCs and SCs to some extent. ANSI spent considerable time and effort explaining and educating those involved about the voluntary standards system and, in the end, OFAC agreed that ANSI’s international standards work did not fall under the Act.

- **What Role Does ANSI Serve?**

  ANSI does not develop standards but it does serve as a bridge between the public and private sectors on issues of standards development and conformity assessment. Recent very good examples where ANSI stepped up to the plate are:

  - Electric Vehicle Standards Panel (EVSP)
  - Energy Efficiency Standardization Coordination Collaborative (EESCC)

- **Congratulations to all the 1906 Award Recipients and to Aisha Bajwa, Kevin Duncan and Manyphay Souvannarath, the 2012 USNC Young Professionals.**

  Mr Pauley suggested that the accomplishments of these people cause us to ask the
question, “How do we maintain and replenish our standardization workforce? This is an issue that all involved in the voluntary standards system must face and answer. The standards community must bring the constituency to the table to address this issue, industry, government, academia. It will benefit the community and benefit the country. One helpful program is the ANSI initiated, Standards Boost Business, but other efforts are needed. Companies need to be convinced that if they don’t solve this problem their competitors will.

**Section 4 – Dialogue with US Members of the IEC Market Strategy Board (MSB)**

Mr Piqueira reported that, in addition to Jim Matthews, the other current US members of the IEC Market Strategy Board have teleconferenced into the meeting. He introduced them and expressed his appreciation to the following for their participation:

Dr Sujeet Chand, VP Advanced Technology,
Rockwell Automation

Dr Donald R Deutsch, VP, Standards Strategy and Architecture
Oracle

Mr Daryll T Fogal, Senior VP, Technology
Eaton Corporation

Dr Sujeet Chand reported on the June 2012 MSB meeting held in Boston. He noted that the 6 Special Working Groups were very active between meetings and the June meeting was primarily devoted to receiving reports from these Groups. He highlighted the following:

- Implementation of the IEC Masterplan 2011 as it related to the MSB. A number of the items included in the Masterplan were initiated by the MSB such as the Systems Approach, Promotion of IEC and More Engagement.
- White Paper reviewed on Grid Integration of Large Scale Renewables and Large Scale Storage
- White Paper reviewed on Micro Grids for Disaster Preparedness and Recovery
- Review of technology and market watch efforts
- Progress on systems level standards and conformity assessment
- IEC Outreach to Consortia
- MSB Roundtable in which the members discuss what they see as future priorities for IEC

Mr Don Deutsch described the MSB Technology & Market Watch Pilot Project on nanotechnologies for solar energy and electricity storage being pursued in conjunction with the Fraunhofer Institute. A number of white papers have been and are being written which may well plant the seeds for future IEC work.
Mr Daryll Fogal noted that, as the newest MSB member, he sensed that the group was still working to fully understand its mission and its relationship to other groups such as the SMB and the CAB. Some areas of work that he was particularly interested in were the following:

- Role of cyber security
- Study of wireless power much higher power than what TC 100 is currently looking at. A White Paper on High Power Transmission Wirelessly may be in the offing.
- Core processes and the relationship of MSB to the SMB

Mr Matthews noted that both he and Dr Fujisawa, CAB Chair, are members of the MSB and every effort is made to ensure that a collaborative relationship exists among these IEC management groups. He noted particularly the following two IEC Technical Committees that had their genesis in the MSB:

- IEC/TC 119 – Printed Electronics
- IEC/TC 120 – Electrical Energy Storage (EES) Systems

Section 5 – ANSI IPC Consideration of ITU Issues

Mr Joe Bhatia provided background information on this subject which cause a great deal of concern at the 23 May 2012 meeting of the ANSI International Policy Committee (IPC) and the ANSI Intellectual Property Rights Committee around the same time. A number of issues were discussed concerning ITU including the following:

- ITU expansion of scope into the JTC 1 space
- Potential changes in ITU treaties dealing with the internet, and the 2012 ITU World Conference on International Telecommunications (WCIT)
- KPMG suggestions to ITU re Business Plan on long-term implementation of Conformity and Interoperability programs by the ITU

As a result of this concern an ANSI IPC ITU Task Force was established lead by Mr Gary Fishman. Mr Jim Matthews was a member. The Tasks of this group were as follows:

Tasks:

1. Develop talking points paper on the issues of ITU scope creep, plans to transform recommendations into mandatory requirements and the promotion of pre-eminence
2. Develop talking points paper on the KPMG recommendations to the ITU, especially on issues regarding conformity assessment, the ITU Mark and the database
3. Work to schedule and develop an agenda for a physical meeting of concerned ANSI members with State (Dick Beaird) to discuss these ITU issues, based on Dick Beaird’s availability
4. Determine a listing of the other countries for outreach to seek support for our views on ITU matters
5. Monitor relevant upcoming public hearings and determine ANSI representation at those hearings
6. Ensure and advise ANSI staff engagement in monthly USITUA meetings/teleconferences

At the 19 July 2012 ANSI Executive Committee, Ms Laura Hitchcock, Chair of the ANSI IPC characterized the ITU concerns as follows:

a) expansion of its scope into areas occupied by ISO, IEC and other organizations;
b) current public relations and messaging that ITU recommendations be made mandatory;
c) promoting itself as the “pre- eminent” international organization;
d) expansion of its mandate into the Internet.

Mr Bhatia reported the reactions that are being received from ISO and IEC as well as a number of member countries of both organizations. Also, he reported interface with the US Department of State which, because ITU is a treaty organization, is the US Member Body. ITU is positioning itself as the Preeminent International process to achieve standardization in its space. It is fully expected that this subject will be raised in multiple venues during the IEC General Meeting in Oslo.

Messrs Matthews provided a brief perspective on how ITU has gotten to where it has. It operates on a 4 year cycle with work to develop related Recommendations pursued during that period. At the end of the 4 years, the slate is wiped clean and other projects are proposed. In the course of this process, the ITU management doesn’t do a very good job in interfacing and collaborating with other bodies which might already be working in the same areas. What we have to do is ensure that the collaborative effort is made to work.

Attention was directed to an IEC Council document, C/1742/INF, on the subject of Relations with the ITU, which was recently circulated to all IEC National Committees. It recommends that the IEC National Committees engage more closely with their national ITU counterparts, in government and industry in order to continue serving the market in the most efficient manner.

Section 6 – 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 28 August and on plans for the next SMB meeting scheduled for Monday, 1 October in Oslo, Norway. He highlighted the following:

- Several meetings ago, TMC established an Ad Hoc Group to review CENELEC’s technical interface with IEC via the Dresden Agreement. There is concern that the Agreement can be interpreted in different ways and that often work is accomplished in CENELEC before a project is offered to IEC for consideration. A White Paper on the subject is being considered.

- Dr Hiromichi Fujisawa, CAB Chair, provided a brief report highlighting the following:  
  - IECEE considering adding Electric Vehicles to its scope.
  - CAB and SMB are working collaboratively on the Systems Approach
  - US proposal for permanent membership on CAB for Group A countries
  - Stronger representation from Developing Countries
  - TC 34 and TC 57 Reports to CAB
- SMB Strategic Group #1 likely to be transformed into Advisory Committee on Energy Efficiency. The question of what should be done with Renewables has yet to be decided and interface with ANSI’s new Energy Efficiency Standardization Coordination Collaborative (EESCC) was mentioned.

- SMB Strategic Group #3 – Mr Ken Caird, USNC Rep, called into the meeting to discuss the development of the Revision 2 Roadmap to be released in December.

- Ad Hoc Group 35 – Systems Standardization – Report on recent activities and ongoing collaboration with CAB

- The relationship between the Advisory Committee on Electricity Transmission and Distribution (ACTAD) and Strategic Group 2 (UHV) is being questioned.

- The future, separate status of the Advisory Committee on Environmental Aspects (ACEA) and IEC/TC 111 is also being questioned.

- The subject of the funding of TC/SC meetings was raised.

- The TMC discussed the candidates for SMB membership and its recommendations will be submitted to the USNC President.

Section 7 – For Information – Discussion – The IEC Young Professionals Program from the Perspective of the 2012 Recipients, Ms Aisha Bajwa, Alcan Cable, Mr Kevin S Duncan, Seagate Technology/ESD Association, and Ms Manyphay Souvannarath, General Electric

Mr Piqueira introduced the 2012 US Recipients of the IEC Young Professionals Program who will participate in the IEC General Meeting in Oslo, Norway and invited them to address the Council:

- Aisha Bajwa, Field Applications Engineer, Alcan Cable/Div of Alcan Products Corp

- Kevin S Duncan, Senior Staff ESD Engineer, Seagate Technology/ESD Association (By Teleconference)

- Manyphay Souvannarath, Senior Systems Engineer, General Electric (By Teleconference)

Each Young Professional expressed their appreciation for being chosen and discussed their expectations of their visit to the 76th IEC General Meeting. They dialogued with Council about the importance of this program and talked about the overall challenge of encouraging young people to work in the area of standardization and conformity assessment.

Mr Piqueira invited Ms Elaina Finger, Chair of the Communications and Continuing Education Committee, to address the subject of the Young Professionals Program and how it might be maximized in the US. Ms Finger reported that Mr Jonathan Colby, 2011 Young Professional Leader, is now working with the C&CEC not only to learn from past programs but to build a
better program for the future. One subject that is being given serious consideration is the possibility of replicating this learning experience in the US for the benefit of the USNC and ANSI. The USNC C&CEC and the ANSI Committee on Education are considering the establishment of a Joint Task Force for the purpose of reviewing other such programs and determining what elements might be possible for the US. Admittedly, some of programs from other countries are very complex and very expensive because of the environment in which they find themselves. However, it is felt that portions of these programs may very well to possible in the US with strong support from the ANSI/USNC constituency. Mr Bhatia reported that the ANSI Executive Committee has endorsed further investigation of this subject.

Section 8 - For Action - USNC Strategic Objectives Program
Robert E Bellhouse, Principal, Milestone Management International, LLC

Mr Piqueira called attention to the fact that the USNC constituency, yesterday, participated in a 6 hour Strategic Planning Session facilitated by Mr Robert E Bellhouse. It is anticipated that Mr Bellhouse will now synthesize what was said and prepare a report which will be submitted to Council for consideration and further development. Mr Piqueira invited initial comments about the exercise and how it was organized. Among the comments raised were the following:

- Too many people. Mr Piqueira noted that the first, recommended date for this event had to be cancelled because only 8 people agreed to participate after the Council overwhelmingly agreed with the date and location selected.
- Breakout too short.
- Much broader that the type of strategic planning people are used to but a good idea.
- Could have/should have gone beyond 3:00 p.m.
- Excellent start. Considering doing on weekend or at another time as a Retreat.
- More time is needed.
- Better preparation for breakout sessions.
- We need to prioritize projects.
- Another ½ hour may have made a bid difference.
- Possible need for additional structure for the breakout sessions.
- Have to have a good way of identifying priorities

Mr Piqueira thanked everyone for their participation and dedication to this effort. He noted that this was a work in progress.

8.1 IEC Masterplan 2011 Implementation
Mr Piqueira gave a brief status report on the implementation of the IEC Masterplan particularly as it relates to the USNC’s Strategic Objectives. He noted that the National Committees have been invited to contribute to a number of items in the Masterplan and it is intended that the USNC will respond once the Committee’s Strategic Objectives Program is further along. Mr Matthews also noted that both the CAB and the SMB are working to implement their portions of the Masterplan.

Section 9 – For Information – Consumer Participation Update – Dr JoAnn Emmel, Virginia Tech (USNC’s Consumer Advocate)

Dr Emmel called attention to the fact that, for several years, one of the USNC’s Strategic Objectives has been to “Build Strong Consumer Involvement and Active Participation in the Management and Technical Levels of the IEC and USNC.” She also emphasized the ISO Committee on Consumer Policy (COPOLCO’s) definition of Consumer as follows:

“An individual member of the general public purchasing or using goods, property or services for private purposes.”

Dr Emmel noted that at times this definition is at variance with “industrial or commercial” consumers which TAGs would like to add under the “consumer” designation. She also expressed her belief that consumers have much interest in standardization although they may not know it but little power. She highlighted the benefits of consumer participation in the standardization process and called attention to the challenges having to be addressed before that goal becomes a reality. Dr Emmel also explained why she was involved in the process and she noted the efforts being taken to encourage consumer advocates to get involved in TAGs. (e.g. IEC/TC 61, IEC/TC 59, etc.)

During discussion, the following were among a number of suggestions that were raised:

- Consider connecting with the Toy Industry Association, the Consumer Electronic Association, the Telecommunications Industry Associations and others.
- TC 23, Electrical Accessories, and TC 34, Lamps and Related Equipment, may be other TAGs that could benefit by consumer participation.
- The Consumer Product Safety Commission and the ANSI Consumer Interest Forum are valuable resources.
- Consider the Disabilities Act as an area of possible consideration.
- The area of energy efficiency will likely be of great interest to consumers.

(ATTACHMENT B)

Section 10 – For Information – Report – President’s Task Force on Conformity Assessment Systems, C T Zegers

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. In Mr Williams’ absence, Mr Zegers 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 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 11 – For Information – Conformity Assessment Policy Coordination Committee (CAPCC) (T T Duffy, Vice Chair, CAPCC)

Mr. Duffy briefly highlighted the results of the Monday, 27 August 2012, Conformity Assessment Policy Coordinating Committee (CAPCC) meeting/teleconference held in Norwood. He highlighted the following:

- Dr Hiromichi Fujisawa, CAB Chair, visited CAPCC and gave a presentation on CAB’s current activities and challenges

- Reports were provided on the
  - ANSI Conformity Assessment Policy Committee (CAPC)
  - ANSI International Conformity Assessment Committee (ICAC)
  - IEC Masterplan 2011 vis a vis conformity assessment

- 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.

- Sandy Butterfield, Chair of IEC/TC 88 – Wind Turbines, provided an update on the activities of the CAB/TC 88 Certification Advisory Committee.

- Current related ITU issues

- Ileana Martinez, NIST and Chair, ANSI Regional Standing Committee - Europe, Middle East and Africa, provided a status report.

- Gene Eckhart, NEMA and Chair, ANSI Regional Standing Committee – Americas and Head of US Delegation to COPANT provided a report.

- FINCA Update particularly on the Counterfeit Workshop

- Young Professionals program report

- Oslo CAB Agenda and elections
• Electric vehicles recommended for additional to IECEE scope
• NEMA Motor Program being considered by IECEE

Mr Piqueira reported the Mr Rich Pescatore had decided to take early retirement from Hewlett-Packard and, therefore, would be resigning as CAPCC Chair and as USNC primary representative to CAB. Mr Duffy has been elected to take his place as CAPCC Chair and efforts are underway to process his nomination for CAB representative.

11.1 Status Report – USNC/IECEE

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

• Administration
• May 2012 CMC Meeting Highlights
• March 2012 CMC Meeting Highlights
• IECEE Energy Efficiency E3 Program
• E3 Global Motor Efficiency Labeling Program

11.2 Status Report – USNC/IECEx

Mr Duffy also reported on the IECEx and the USNC/IECEx (ATTACHMENT D). He highlighted the following:

• Administration
• 2012 IECEx
• March 2012 Meeting Update

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 E) He highlighted the following:

• IEC IECQ Update
• Items of Interest
• USNC/IECQ Officers
• USNC/IECQ Organization Membership
• USNC/IECQ Joint Projects
• IEC IECQ SC’s & WG’s
• Financial Update

Section 12 – For Information – Continuing Dialogue – Linking Standardization and Research – Telecommunications Industry Association and George Tech Research Institute – Herb V Congdon, II, PE, Associate Vice President, TIA, Cheryl Blum, TIA, VP, Technology & Standards Development and James McGarrah, GTRI
Ms Cheryl Blum, Council Member, joined the meeting by teleconference and set the stage for this discussion by emphasizing the value TIA places on its association with GTRI and the benefits that have been derived from this ongoing activity. Messrs Herb Congdon and James McGarrah provided a presentation on the benefits of working with Universities and Academia and highlight TIA’s ongoing program with GTRI as part of the Council’s continuing consideration of the subject of Linking Standardization and Research. TIA has an MOU with Georgia Tech Research Institute and also with Florida Atlantic University (FAU).

The blending of research and new and innovative thinking that flows from an academic institution with Standardization and the real commercial realities is very positive and with the new technologies of today, it does take this type of innovation to address the issues we face today such as M2M, Smart Grid, Cybersecurity, Cloud, Spectrum, Energy Efficiency (with cabling/wiring/components, etc.), etc.

Mr Congdon highlighted the reasons why TIA sees real benefits in working with Universities and Academia and detailed the Association’s ongoing programs with both GTRI and FAU. Mr McGarrah described the history of GTRI, the applied research arm of Georgia Tech, and highlighted its structure and operations. Their presentation captured the following:

- Purpose of the program
- Getting Formalized – Enabling Memorandum of Understanding
- Benefits to both TIA and GTRI
- Related Activities
- Recommendations

(ATTACHMENT F)

Section 13 – For Action - Report on Plans for the IEC 76th General Meeting, Oslo, Norway – 1 – 5 October 2012

Mr Piqueira provided a brief overview of the USNC’s current plans for the 76th IEC General Meeting in Oslo, Norway.

13.1 Outreach Meetings

He discussed the various Outreach Meetings that have been scheduled during the Oslo General Meeting and he invited the Council membership to submit any issues or topics that should be discussed during these meetings. He highlighted the following:

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

The following Outreach Meetings have been scheduled:

c) Outreach meeting with CENELEC
d) Outreach meeting with Chinese NC
e) Outreach meeting with Japanese NC
f) Outreach dinner meeting with Germany NC (USNC Host)
g) USNC Officers Meeting with IEC Officers.

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

13.2 Council Meeting and Council Open Session – 5 October 2012

The Council Meeting and Council Open Session will take place on Friday, 5 October 2012. The Open Session will address the subject of “Renewable Energy and Future Grids.”

13.2.1 IEC Leadership Elections

IEC Leadership Elections

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

- Election by Council in Oslo of the future President of the IEC – Dr Junji Nomura (Japan) (C/1744/INF)

- Re-election of one financial Group A Council Board (CB) member by Council in Oslo for a three-year term of office (2013 – 2015) – Mr Jun Xie, China (C/1745/INF)

- Election/re-election by Council in Oslo of four members of the Council Board (CB) for three-year terms (2013-2015)
  - Mr Gianni Binacchi (Italy)
  - Mr Ralph Craven* (Australia)
  - Mr Gunter Idinger (Austria)
  - Mr Rabindra Nath Nayak (India)
  - Mr Abel Hernandez Pineda (Mexico)
  - Mr Ed Tymofichuk (Canada)
  * Will complete 1st Term at end 2012 (C/1746/INF)

It was moved, seconded and

VOTED #3 To recommend USNC support for the election to Council Board of the nominees from Australia, Canada and Mexico. (This motion was approved unanimously.)

Further, it was agreed that the President should be free to exercise his judgment in Oslo with respect to his vote for a 4th nominee.

- Appointment by Council in Oslo of one “Automatically Appointed Member” of the SMB by Council in Oslo for a three-year term of office (2013-2015)
  - China – Ms Hong Dai (C/1747/INF)

- Election/re-election by Council in Oslo of two member of the SMB for three-year terms (2013-2015)
  - Australia – Mr Kim Leon Craig (Australia)
  - India – Mr Pradeep Kumar Mukherjee
Sweden – Mr Svante Skeppstedt*  
* Will complete 1st Term at end 2012  

It was moved, seconded and

VOTED #4 To recommend USNC support for the election to SMB of the nominees from Australia and Sweden.  (This motion was approved unanimously.)

- Election/re-election by Council in Oslo of four members of CAB for three-year terms (2013-2015)
  - Argentina – Mr Osvaldo Petroni
  - Brazil - Mr Marcos Aurelio Lima de Oliveira
  - China - Mr Weijun Liu *
  - India – Mr Dinesh Kumar Nayyar
  - Rep of Korea - Mr Soo Hyun Baek
  - Malaysia – Mrs Nur Fadhilah Muhammad
  - Mexico – Mr Carlos Manuel Perez Munguia
  - Sweden – Mr Thomas Korssell
  - United Kingdom – Mr Simon Barrowcliff
  * Will complete 1st Term at end 2012  

It was moved, seconded and

VOTED #5 To recommend USNC support for the election to CAB of the nominees from the UK and Sweden.  (This motion was approved unanimously.)

Further, it was agreed that the President should be free to exercise his judgment in Oslo with respect to his vote for two additional nominees, possibly Argentina and Mexico.

13.2.2 IEC Financial Matters

The following finance related documents will be considered for approval by Council in Oslo. These have been reviewed by the USNC Finance Committee and support has been recommended.

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

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

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

Proposed IEC Budget for year 2013
13.3 Council Board Meeting – 14 June 2012, Boston, MA, and 3 October 2012, Oslo

Mr Piqueira reported briefly on the Council Board Meeting which took place in Boston on 14 June (C/1739/R) and on anticipated items for the meeting scheduled for Oslo on 3 October. Although the agenda is not yet available, he expected the Masterplan Implementation, ITU and the IEC budget to be prominent items for discussion.

13.4 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. Although only some 50 responses were received and the results were very positive suggesting that the USNC should proceed. As a result, the President and General Secretary prepared a presentation for the ANSI Executive Committee’s meeting on 19 July 2012 including a rationale for proceeding with this place holder invitation at this time. The ExCo endorsed this action and the USNC is now in the process of advising the IEC Central Office of its interest in holding the 2022 GM in the US. (ATTACHMENT G)

Section 14 – For Information CANENA
(Council for Harmonization of the Electrotechnical Standards of the Nations of the Americas)
(J P Goodsell)

Mr Goodsell provided a brief report on CANENA and highlighted the 2013 Annual Meeting. This meeting will take place 27 – 28 February 2013 in Montreal, Canada and the theme will be “Putting Regional Standardization in a Global Context – Focus on Canada.” He reported that the emphasis will again be on the Young Professionals Program as it was this year in Mexico. (ATTACHMENT H)

Section 15 USNC Finance Committee
(S C Hoyler, Qualcomm, Inc, Vice Chair, USNC Finance Committee)

Mr Piqueira called on Mr Matthews to address the subject of Possible Reimbursement of Expenses for USNC Officers and Others which was a primary discussion topic during the Finance Committee’s 2 August teleconference. Mr Matthews called attention to document USNC/Council 535 (ATTACHMENT I) which provides a rationale and a more detailed explanation of this proposal. He noted that time and financial commitments required of USNC Officers are becoming more and more significant and if the USNC, in the future, is to be able to attract the right caliber of people, it may help to separate the time commitment from the financial committee by providing limited support for expenses to mandatory meetings.

Mr Piqueira noted that during the Finance Committee’s discussion of this proposal it was suggested that it might take effect after the terms of office of the existing USNC Officers. Also,
it was recognized that this proposal make change due to the input from other sources within the ANSI Federation. It was recognized that this proposal might be considered precedent setting and, therefore, must be given serious consideration.

During discussion, Mr Bhatia expressed his position and noted that all options for addressing this issue should be given consideration. Also, the impact of the proposal on other areas within the ANSI Federation, those that don’t have the same resources as the USNC, should also be considered. Don’t forget to look at the bigger picture. Others raised the issue of a possible supplementary funding mechanism as an add on to current dues as an option that might be considered. Others spoke strongly for the support to come from the USNC’s discretionary funds as part of its annual budget. Support should not come from increased dues but from an appropriate allocation of discretionary funds.

Mr Piqueira indicated that he was seeking Council endorsement of the principle of providing this support and, if Council agrees, the Finance Committee would then be asked to further develop the proposal for formal consideration.

It was moved, seconded and

VOTED #6 That the USNC Council endorses in principle the proposal to provide financial support for the travel expenses of USNC Officers to mandatory meetings required by their positions. (This motion was approved unanimously.)

Ms Hoyler reported that the Committee met via teleconference on 2 August 2012 primarily to review the results of the 2012 funding program and to consider specific items/projects to be included in the 2013 estimated budget. (See document USNC/Council 527 (ATTACHMENT J)).

It was recommended and agreed that Mr George Gulla, ANSI VP – Publications Sales be invited to teleconference into the Council meeting in January to report on publications sales projections for the future.

Section 16 Nominations Committee
(Kevin J Lippert, Vice President, Membership Development and Recruitment)

Mr Lippert reported that the Committee met via teleconference on 15 August 2012 primarily to nominations for Council and TMC membership positions, the terms of which expire at the end of December 2012. (See document USNC/Council 528 (ATTACHMENT K))

He called attention to the following Recommendations that resulted from this teleconference.

It was moved and

VOTED #7 To recommend to the USNC Voting Membership the re-election of the following to USNC Council Membership for three year terms, 2013 - 2015.
- Cheryl Blum, TIA
- Susan C Hoyler, Qualcomm, Inc
- Mark W Earley, NFPA
- John P Goodsell, Hubbell, Inc.
- Gary Schrempp, Dell, Inc.
• Trudie L Williams, DoD
and a one year term, 2013.

• Brian Fitzgerald, U S Food and Drug Administration

(This motion was approved unanimously)

It was moved and

VOTED #8 To endorse the re-election of the following to USNC TMC Membership for three year terms, 2013 – 2015.

• Wynn Bowman, Star Associates (ECC Corp)
• Ronald H Reimer, Rockwell Automation
• Bernie Liebler, AdvaMed

and to endorse the election of the following for three year terms, 2013 – 2015, to TMC Membership.

• Jodi Haasz, IEEE Standards Association
• Stephen Halper, Secure Components (ECC Corp)

(This motion was approved unanimously.)

It was moved and

VOTED #9 To approve the use of the title “USNC Sponsoring Member” to denote the category of Member which pay annual dues to the USNC.

(This motion was approved unanimously.)

It was moved and

VOTED #10 To approve that USNC Honorary Life Membership be conferred on Mr Richard L Pescatore, P.E. (This motion was enthusiastically approved unanimously.)

It was moved and

VOTED #11 To approve that the first USNC Distinguished Service Awards be conferred on the following:

Mark W Earley, P.E.
Chief Electrical Engineer
National Fire Protection Association (NFPA)
TA, IEC/TC 64 – Electrical Installations and Protection Against Electric Shock
DTA, IEC/TC 79 – Alarm and Electronic Security Systems
Member, USNC Council
Mr Lippert highlighted the following additional items:

- The work of the membership development program continues with an effort to list and then contact potential members. Suggestions for potential members are welcome. A recent meeting was held with Mr Dan Ratner, ANSI’s new Director, Membership Development.

- The Nominations Committee continues to review its USNC and IEC Positions Succession Plan. Those interested in being considered for such future positions are invited to advised Messrs Lippert and Zegers.

- The Young Professionals Program is being considered for membership opportunities as well.

- In answer to a question, Mr Piqueira indicated that consideration of a 4th USNC Vice President – Conformity Assessment, may be reexamined as the work of the President’s Task Force on CA Systems draws to a close.

- Mr Lippert expressed his appreciation and sincere thanks to the Committee’s membership for their time and contributions.

**Section 17 Communications and Continuing Education Committee**

Ms Elaina Finger, Chair of the USNC Communications and Continuing Education Committee (CCECO), provided a report on the Committee’s last meeting/teleconference which took place on 10 August 2012. (See USNC/Council 529 [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 joined the Committee primarily to support the USNC’s Young Professionals program.

- Mr Colby will also participate in a new Joint Task Force of the C&CEC and the ANSI Committee on Education (COE) which is designed 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. Anyone interested in this activity was invited to contact Elaina Finger and/or Charlie Zegers.

- The C&CEC is also working to support other elements of the ANSI COE programs such as the highlighting of case studies and listing of standards related courses included in curricula of colleges and universities. The COE is also pursuing a Speakers’ Bureau which is of interest to the C&CEC.

- The 6th TAG Leadership Workshop will be held on Thursday, 14 September 2013 in the Washington, DC area in conjunction with USNC Management meeting. Megan Hayes, NEMA, has agreed to again chairing this effort and anyone interested in participating is invited to contact Elaina Finger and/or Charlie Zegers.

- A USNC TAG Operations Webinar is scheduled to take place on 30 November 2012. Megan Hayes, Sonya Bird and Ken Gettman will discuss with participants the changes to the TAG Model Operating Procedures, definition of Quorum and Frequently Asked Questions.

- The Committee is considering its options with respect to a survey of electrotechnical educators. Such a survey was circulated in early 2011 to the USNC’s list of some 70 educators and researchers, however, the response was less that successful.

- An Informational Brochure is near publication resulting 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.

- The C&CEC is pursuing the possible development of a comic book, coloring book, video game, and/or app designed to familiarize younger people with standards and conformity assessment. Here too, if anyone is interested please contact Elaina Finger and/or Charlie Zegers.

- Instructor Led Training Session took place on 28 March with 17 participants and again on 18 July again with 17 participants. Sonya Bird joined Eliana Finger and Ken Gettman as the Instructors for the 2nd session. A number of sessions are being planned for 2013 and Instructors in Training are always welcome.

- The Committee is giving serious consideration to the subject of Linking Research and Standardization and has agreed to devote one 2013 issue of News and Notes to the subject. Individual articles highlighting the subject will also be included in the other 2013 issues. Mr Piqueira complimented and thanked Ms Finger and the C&CEC for their many contributions to the accomplishments of the USNC.

Section 18 Forum of the IEC National Committees of the Americas (FINCA) Meeting (Argentina, Brazil, Canada, Chile, Colombia, Mexico and USA)
Mr Piqueira reported that the next FINCA meeting is scheduled 10 – 11 September in Toronto, Canada. As part of its contribution to this meeting the USNC has been working with the Canadian National Committee to develop a “Thought Paper” which suggests ways in which the operations of FINCA might be changed to improve efficiency and effectiveness. Also a Workshop has been planned for 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, will participate. Each of the 7 FINCA National Committees is expected to discuss different aspects of this subject from their country’s perspective.

Mr Piqueira noted that the USNC is scheduled to host the 2013 FINCA meeting. A date and location has yet to be determined.

### 18.1 Costa Rica/USNC Workshop

Mr Zertuche reminded the Council that the USNC has been involved in a mentoring program with Costa Rica which enabled us to support Costa Rica’s attendance at the 2011 IEC General Meeting in Melbourne and at the USNC Management Meeting in May 2012 in Washington, DC. Another element of this program is a two day, Joint Workshop, in Costa Rica, which the USNC is helping to organize and will contribute speakers where appropriate. It is hoped that neighboring countries to Costa Rica will also be invited to participate. The tentative time for this event is the 1st Quarter of 2013.

Council, TMC and CAPCC members were invited to consider participating in this Workshop.

### Section 19 COPANT General Assembly

Mr Kushnier reported that the COPANT General Assembly was held on 7 – 9 May 2012 in Fortaleza, Brazil. A number of USNC participants attended as part of the ANSI delegation. Several Workshops were scheduled in conjunction with this annual meeting. Canada and the US have been working to expand participation in COPANT on the part of the Caribbean countries and, as a result, next General Assembly is scheduled for St Lucia, 22 – 26 April 2013.

### Section 20 ANSI Interface

Mr Kushnier called attention to the report of ANSI international and regional activities and highlighted the most significant items including future meetings with the European Standards Organizations. He highlighted particularly the ISO General Assembly which is scheduled for San Diego, CA, 16 – 22 September 2012. (ATTACHMENT N)

### Section 21 – Future Meeting Dates

#### USNC Management Meetings Schedule – 2012, 2013 and Beyond

The following meeting dates for 2012, 2013 and beyond have been confirmed or are under consideration.

**2012**
Monday – Tuesday 10-11 September 2012 FINCA Meeting  Toronto, Canada

Sunday – Saturday, 16 – 22 September 2012
ISO General Assembly
San Diego, CA

76th IEC General Meeting
Oslo, Norway
1 – 5 October 2012
- SMB     Monday, 1 October
- CAB      Tuesday, 2 October
- CB       Wednesday, 3 October
- Council  Friday, 5 October

2013

Tuesday/Wednesday/Thursday
15-16-17 January 2013
Location: Sony Inc., San Diego, CA

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

78th IEC General Meeting
Tokyo, Japan
10 – 14 November 2014
- SMB  Monday, 10 November (Proposed)
- CAB   Tuesday, 11 November
- CB    Wednesday, 12 November
- Council Friday, 14 November

2015
79th IEC General Meeting
Minsk, Belarus
12 – 16 October 2015

2016
80th IEC General Meeting
Germany

2017
81st IEC General Meeting
Russian Federation

2018
82nd IEC General Meeting
Republic of Korea

2019
83rd IEC General Meeting
China

2020
84th IEC General Meeting
Sweden

2021
85th IEC General Meeting
Open

2022
86th IEC General Meeting

USNC Expression of Intent Submitted to IEC Central Office.

Section 22   Adjournment

Mr Piqueira expressed his appreciation and that of the USNC Council to Paris Stavrianidis and to FM Approvals for the hospitality extended during these USNC meetings in Norwood, MA.

The meeting was adjourned at 3:35 p.m.(EDT)
Respectfully submitted;
Charles T Zegers
General Secretary USNC
11 December 2012