USNC COUNCIL 594
9 December 2013

MINUTES
USNC COUNCIL
Meeting

National Electrical Manufacturers Association
Rosslyn, VA

Thursday, 12 September 2013
(Meeting #40)

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<th>Members Participating</th>
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<tr>
<td>Philip M Piqueira (Chairman)</td>
<td>USNC President</td>
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<td>Bill Belt (PT)</td>
<td>Member</td>
<td>CEA</td>
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<td>S Joe Bhatia</td>
<td>President and CEO</td>
<td>ANSI</td>
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<td>Sonya M Bird</td>
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<td>Timothy T Duffy</td>
<td>Chair, CAPCC, CAB Rep</td>
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<td>Mark W Earley</td>
<td>Member – Dist Svc Award</td>
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<td>JoAnn M Emmel, Ph.D.</td>
<td>Member</td>
<td>Virginia Tech</td>
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<td>Brian Fitzgerald</td>
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<td>John P Goodsell</td>
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<td>Megan A Hayes (1st Mt as Mbr)</td>
<td>TMC Member</td>
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<td>Paul J Hearty, Ph.D.</td>
<td>Member</td>
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<td>Carol Herman</td>
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<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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<td>James E Matthews, III</td>
<td>IEC VP – Chmn SMB</td>
<td>Corning Incorporated</td>
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<td>Timothy P McNeive</td>
<td>Member</td>
<td>Thomas &amp; Betts</td>
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<td>Edward F Mikoski, Jr.</td>
<td>Member</td>
<td>ECIA</td>
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<td>Greg Orloff</td>
<td>Member</td>
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<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>
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<td>Sam Sciacca</td>
<td>Member (IEEE)</td>
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<td>Joan E Sterling</td>
<td>USNC Alternate Rep CAB</td>
<td>Intertek</td>
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<td>Trudie L Williams</td>
<td>Member</td>
<td>DoD</td>
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<td>John W Young</td>
<td>Member</td>
<td>Siemens Industry</td>
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<td>Tony Zertuche</td>
<td>Deputy GS USNC</td>
<td>ANSI</td>
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<td>Charles T Zegers</td>
<td>General Secretary, USNC</td>
<td>ANSI</td>
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**Guests Present**

David W Arnett
Ethan Biery (*PT)
David Blevins (PT)
Dan Brake (PT)
Bill Bryans
James Lynn Davis, Ph.D. (PT)
Jeff Eggleston (PT)
Antonio Faraone (PT)
Lawrence B Farr
Elaina Finger

Mark Frimann (PT)
Evan R Gaddis (PT)
Kenneth E Gettman
Lynne Gibbens
Jodi Haasz
Tony Hardaway (PT)
Donald N Heirman
Laura E Hitchcock (PT)
Ryan Kane (PT)
SriRaman Kannan (PT)
Jamshed Khan (PT)
Sylvia Lafontaine
Veronica A Lancaster
William G Lawrence, Jr
Steven T Margis
Leslie McDermott
Paul Moliski
Joseph R Musso
Robert T Nachtrieb, Ph.D. (PT)
Dennis A Odds
Florence Otieno
Leticia Pibida (PT)
Charley Robinson
Keith L Rodel
Gary Schrempp
Chelsey J Schweikert (*PT)
Jeffrey L Silberberg (PT)
Joel Solis (PT)
Jennifer Stradtman (PT)
Frank Straka (PT)
Steven E Swanson
David A Vasko
Matthew B Williams
Sheldon Zimmerman (PT)

2013 Recipient 1906 Award Hewlett Packard
2013 Young Professional Lutron Electronics
2013 Recipient 1906 Award Northrop Grumman
2013 Recipient 1906 Award NextEra Energy
Speaker Electro-Fed Canada
2013 Recipient 1906 Award RTI
2013 Recipient 1906 Award Covidien
2013 Recipient 1906 Award Motorola Solutions
TA 17A, Mbr ACOS/CAPCC Eaton Electrical
Chair, C&CEC Corning Incorporated
2013 Recipient 1906 Award USNC Rep ACEA, Chair USCCENV Texas Instruments
President and CEO NEMA
TMC Vice Chair NEMA
Secretary, Canadian NC Standards Council of Canada
TMC Member IEEE
Chair, ANSI IPC The Boeing Co
Speaker International Trade Admin
2013 Recipient 1906 Award U S EMC Stds Corp
2013 Recipient 1906 Award Avago Technologies
Speaker Standards Council of Canada
Chair, ANSI IPC The Boeing Co
Vice Chair, CAPCC The Boeing Co
Senior Manager, Int’l Dev ANSI
Member, CAPCC Intertek
TMC Member UL
TMC Member UL
2013 Recipient 1906 Award Lutron Electronics
2013 Recipient 1906 Award Hubbell, Inc.
TMC Members TIA
2013 Recipient 1906 Award NIST
TMC Member ISA
Chair, Canadian NC Hubbell Canada LP
- Dell Inc
2013 Recipient 1906 Award Solar Turbines Inc
2013 Recipient 1906 Award FDA
Sec USNC/IECEE, IECEx NEMA
Speaker US Trade Rep Office
2013 Recipient 1906 Award CommScope Network Sol
TMC Member Corning Incorporated
Sec – SC 65B Rockwell Automation
TMC Member AHAM
2013 Recipient 1906 Award US Dept of the Navy
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 Rosslyn, VA and thanked NEMA and particularly Ken Gettman and Megan Hayes, for the fantastic support given to these USNC meetings.

This was followed by self-introductions.

As his Opening Remarks, Mr Piqueira extended a very special welcome to the following:

- Out guests from Canada:
  Lynne Gibbens
  Sylvia Lafontaine
  Keith Rodel
  Bill Rodel

- Laura Hitchcock, The Boeing Co., Chair, ANSI International Policy Committee

- 15 2013 IEC 1906 Award Recipients

He also called for a moment of silence for the following USNC colleagues who recently passed away:

- Charles (Chuck) Packard, Former Chair, Electronic Components Certification Board (ECCB) Recipient of ANSI’s Elihu Thomson Electrotechnical Medal

- Dr Ralph Showers, University of Pennsylvania USNC Vice President, IEC Lord Kelvin Award Recipient, USNC Honorary Life Member

- John M Kinn, Retired, Electronic Industries Association (EIA) IEC Lord Kelvin Award Recipient, USNC Honorary Life Member
1.2 Presentations of IEC 1906 Awards

USNC President Phil Piqueira and IEC Vice President – SMB Chair Jim Matthews presented IEC 1906 Awards to 15 2013 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 year 38 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 the recipients’ peers, the people who look to them for technical expertise.

Recipients in Attendance

David W Arnett, HP (CISPR)  
David Blevins, Northrop Grumman (IEC/TC 80)  
Dan Brake, NextEra Energy (IEC/TC 88)  
James Lynn Davis, Ph.D., RTI (IEC/TC 113)  
Jeff Eggleston, Covidien (IEC/TC 62)  
Antonio Faraone, Ph.D., Motorola Solutions Inc. (IEC/TC 106)  
Elaina Finger, Corning (IEC/TC 86)  
Anthony Hardaway, Whirlpool (IEC/TC 59)  
SriRaman Kannan, Ph.D. Alcatel-Lucent (IEC/TC 86)  
Jamshed Khan, Avago Technologies (IEC/TC 47)  
Robert T Nachtrieb, Ph.D., Lutron Electronics (IEC/TC 34)  
Leticia Pibida, NIST (IEC/TC 45)  
Jeffrey L Silverberg, FDA (IEC/TC 62)  
Frank Straka, CommScope Network Solutions, Inc. (IEC/TC 46)  
Sheldon Zimmerman, Dept/Navy (IEC/TC 76)

The names of all 2013 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 all the recipients.

Mr Piqueira invited Mr Evan R Gaddis, NEMA President and CEO, to address the Council and Mr Gaddis welcomed everyone and wished them a fruitful meeting.

1.3 Approval of Agenda

1.3.1 Approval of Consent Agenda

Mr. Piqueira called attention to the Preliminary Agenda (USNC/Council 577A – 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 577A – Revised)  
(This motion was approved unanimously.)

By this action the Minutes of the 2 May 2013 Meeting (USNC/Council 576) at Dell, Inc. in Round Rock, TX, were approved.
1.2.2 Approval of Balance of Agenda

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

VOTED #2 To approve the Balance of the Agenda (USNC/Council 577A – 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 recommended and it was agreed that due to the current financial situation in government, this item would be removed from the Action Item list and postponed to some future date.

Section 3 – Discussion – The IEC Young Professionals Program from the Perspective of the 2013 Recipients, Ms Diana Bull, Sandia National Laboratories, Ms Chelsey J Schweikert, Solar Turbines, Inc., and Mr Ethan Biery, Lutron Electronics

Mr Zegers announced that Ms Diana Bull, Senior Member of the Technical Staff, Sandia National Laboratories, one of the 3 2013 USNC Recipients of the IEC Young Professionals Program, was unable to participate in today’s meeting due to business travel. She sent the following statement to be read to the Council:

“A brief overview of my expectations as a Young Professional: 1) obtain better understanding of the scope of IEC 2) learn more about the procedures and expectations for developing standards 3) watch ‘consensus’ building in action! And 4) become more familiar with the USNC.”

The 2 other 2013 Recipients joined the meeting by teleconference in order to dialogue with Council about their selection to attend the IEC General Meeting in New Delhi.
Ms Chelsey J Schweikert  
Design Engineer  
Solar Turbines, Inc.

- Mr Ethan Biery  
Design and Development Leader  
Lutron Electronics

Ms Schweikert and Mr Biery provided brief highlights of their backgrounds and discussed their expectations of this program in anticipation of their attendance at the 77th IEC General Meeting in New Delhi, India. Mr Piqueira noted that he and Messrs Zegers and Zertuche will be meeting the USNC YP Recipients in New Delhi at a Get-Acquainted breakfast arranged by the IEC Central. Mr Zegers noted that all three YPs will be invited to attend the USNC Council meeting in January to share their New Delhi experiences.

Section 4 – Dialogue with Ms Laura E Hitchcock, The Boeing Company, Chair, ANSI

Ms Laura E Hitchcock, External Standards Management, Strategy and Policy, The Boeing Company, currently serves as Chair of the ANSI International Policy Committee. She reminded the Council of the overall scope and purpose of the IPC and highlighted a number of its strategic activities including the following:

- Future Direction of the ANSI China Program
- Monitoring Activities of the International Telecommunications Union (ITU)
- ANSI and the USAID Standards Alliance Project
- ANSI Response to USTR Request for Comments on Transatlantic Trade and Investment Partnership Agreement
- The Pacific Area Standards Congress (PASC) and Pacific Accreditation Cooperation (PAC) met jointly for the first time on 18 25 May 2013 and hosted by ANSI in Honolulu.

For the future, Ms Hitchcock recommended the continued dialogue between the IPC and the USNC Council about ways of maximizing cooperation and collaboration between the two bodies and the ANSI ISO Forum and ANSI ISO Council on cross cutting issues of critical importance to all. She extended an open invitation for more USNC contacts to become actively involved in the IPC.
Section 5 – Dialogue with Keith L Rodel, Hubbell Canada LP, President, Lynne Gibbens, Standards Council of Canada, Secretary, Canadian National Committee and Sylvia C Lafontaine, Vice President, Standards & International Relations, Standards Council of Canada

Mr Keith Rodel, President, Canadian National Committee and Ms Lynne Gibbens, Secretary, CNC, serve as the CNC Primary Member and Alternate on the SMB. Mr Rodel set the stage for today’s discussion by providing some background information on the CNC, its organization and structure. He was followed by Ms Lafontaine who provided an overview on the future structure, membership and activities of the CNC. She highlighted the following:

- What is SCC’s role?
- Comparison of US vs Canadian Systems
- Standardization Trends – Canada is loosing relevance
- Opportunities for Canada
- Canada’s Standardization Priorities
- Importance of Energy/Electrotechnical to Canada and SCC
- Engagement with Electrotechnical Sector – Current Status
- Anticipated Outcomes

(ATTACHMENT B)

Section 6 – Building a Stronger National Standardized Network – Bill Bryans, Vice President, Technical Services – Electrical, Electro-Federation Canada

Mr Bryans provided the following Executive Summary for inclusion in this CAPCC meeting’s agenda.

“Essentially 100% of all electrical, electronic, appliance and information/telecom products could apply the same ‘net’ set of applicable standards, for testing and certification requirements to meet US and Canadian regulatory objectives. However, the SDO and CAB in our two countries are competitors and have too little incentive to coordinate development of, or acceptance of common requirements. There are also currently no incentives from the National Accreditors for mutual recognition of accreditations or process to encourage harmonization or acceptance for equivalency.

Of the $76B in US/CA cross border trade for our sector, we estimate at minimum redundant cost impacting trade averaging 30% of compliance costs, amounting to at least $500M per year, and likely more the $1B. This presentation will show sources of the redundant compliance costs associated with non-harmonized standards.”

Mr Bryans presentation is provided as ATTACHMENT C.

Section 7 – Presentation by Ryan Kane, Office of the Standards Liaison, U S Department of Commerce, International Trade Administration

Mr Kane provided an overview of the International Trade Administration (ITA) and addressed the statement Who We Are and What We Do! He indicated that the primary mission of the US
Department of Commerce is to help make American businesses more innovative at home and more competitive abroad. ITA has the mission of:

- Strengthening the competitiveness of US industry;
- Promoting trade and investment; and
- Ensuring fair trade and compliance with trade laws and agreements.

Mr Kane reported that ITA was preparing to consolidate from 4 units to 3 as follows:

- Global Markets (Country and Regional Expertise)
- Industry and Analysis (Industry Expertise)
- Enforcement and Compliance (Enforce US trade law and ensure compliance with trade agreements)

He spent some time discussing the National Export Initiative and ITA’s relationship with ANSI. (ATTACHMENT D)

Mr Kane also reported on the Office of Management and Budget (OMB) Request for Comments on US – Canada Regulatory Cooperation Council Stakeholder contained in the Federal Register of 12 September 2013. This is a proposal to align regulatory systems, streamline bilateral cooperation, and improve stakeholder engagement between the Canadian and U.S. governments. (ATTACHMENT E)

Section 8 – Presentation by Jennifer Stradtman, International Trade Specialist, Office of the US Trade Representative

Ms Stradtman provided a brief report on the primary activities in which the Office of the USTR is engaged. She highlighted

- the importance of the TBT Agreement, its use as a business tool in understanding and commenting on technical regulations;

- the new Standards Alliance program; and

- the trend for the EU to tie into its trade agreements clauses that force third countries to withdraw all conflicting standards along with an Agreement on Conformity Assessment for Industrial Products, which does the same for industrial sectors IEC members should be interested in (electrical safety, machinery, toys, electronics, etc.).

Section 9 – USNC Strategic Objectives Program

Mr Piqueira reminded Council of the USNC’s Strategic Objectives Program which was initiated in August 2012 at FM Approvals in Norwood, MA, under the guidance of Facilitator Mr. Bob Bellhouse. As a result of that effort, initially 5 Core Elements, related Strategic Objectives and specific Action Plans were developed and are now the subject of detailed review. Champions for each Core Element have been appointed and are now engaged in building a meaningful Strategic Program. Mr Piqueira called on each of the Champions to provide status reports.
• Core Element 1: Increasing and broadening USNC membership  
  (Champion: Kevin J Lippert)

Mr Lippert provided a brief report on the membership development activities of the 
Nominations Committee for both ANSI and the USNC membership. Members of the 
Committee each volunteered to personally contact a list of prospective USNC Members 
and, if interest is shown, addition interface will take place. All Council Members were 
invited to review the list of prospective members to see if there was any support they 
might be able to provide in the effort to recruit members.

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

Ms Finger briefly reported on the efforts of the Communications and Continuing 
Education Committee to address Core Element 2. Of particular note is the effort to 
development Key USNC Messages which might guide the Committee’s efforts in all of 
its future endeavors.

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

Mr Piqueira noted that the primary emphasis of this Core Element is succession planning 
both at the IEC and the USNC levels. He highlighted the following areas of activity:

- USNC and IEC Succession – For example both the USNC President and the VP-
  Technical are term limited after their next term as is Jim Matthews after his next term as 
  IEC VP – SMB Chair. It is not too early to consider who might be available when the 
  time comes.

- USNC is activity looking for a nominee for IEC President-Elect in the 2015 timeframe.

- USNC is pursuing the subject of financial support to cover a portion of the travel 
  expenses for its Officers in order to improve the chances of finding qualified candidates.

- CAPCC is considering a possible nominee for the next CAB Chair.

- Several Market Strategy Board members are term-limited and the USNC is looking for 
  CEOs and CTOs who might be interested and available for nomination.

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

In the absence of both Messrs McMillan and Williams, Mr Zertuche reported on the 
TMC’s effort to invite volunteers to help develop specific Strategic Objectives and 
Action Plans. A report on this effort was given at yesterday’s TMC meeting and progress 
is being made.

• Core Element 5: Coordinating USNC positions on Electrotechnical Conformity 
  Assessment (CA) issues which relate to, or impact, the IEC global agenda
Mr Duffy reported that CAPCC reviewed its Core Element #5 during its 10 September meeting which was proceeded by several teleconference among the Leadership. The USNCs of IECEE, IECEx and IECQ been invited to get involved in this process and have accepted the challenge.

Section 10 - Standardization Management Board (SMB) and Other Technical Issues – Kenneth E Gettman, Vice Chair – TMC, NEMA

Mr Gettman reported on the activities resulting from the TMC meeting on 11 September and on plans for the next SMB meeting scheduled for 21 October 2013 in New Delhi. He highlighted the following:

- The TMC White Paper on experiences with the Dresden Agreement is being finalized for presentation to the leadership of CENELEC in New Delhi. A special meeting between the USNC and CENELEC leadership is being arranged.
- TMC discussed the pros and cons of appointing well qualified USNC representatives to Advisory and Strategic Groups who are not financially supported and, as a result, find it difficult to attend meetings.
- Japan and China are competing for assignment as the Secretariat of the new TC on UHV AC Transmission Systems
- Systems Standardization/Systems Evaluation Groups
- ISA is relinquishing a number of TAG Administratorships and an effort is underway to determine replacements
- Report was received by the TAG Model Operating Procedures Task Force
- The Roles and Responsibilities of Groups Managers will be reviewed for possible revision
- TMC considered the election/re-election of SMB members and advised the USNC President accordingly
- The USNC still looking for a representative for the Advisory Committee on Telecommunications. Anyone interested was invited to advise the USNC Office

Section 11 – Report – President’s Task Force on Conformity Assessment Systems – Charles T Zegers

Mr Zegers reported that revised Procedures for each of the three Systems have been received and circulated to the Task Force and by the 10 June 2013 deadline for comments, none were received. However, during this series of USNC Management Meetings in Rosslyn Mr Zegers was notified that one contact had comments that he was in the process of submitting. When received these comments will be circulated as appropriate and following decision the Procedures
will be circulated to CAPCC along with the comments received and then to Council for vote.

In addition, consideration is also being given to revisions of the USNC Statutes to include CAPCC and its relationship to Council and the three USNC Systems. This revision will also be coming to the USNC Council for approval.

Section 12 – Conformity Assessment Policy Coordination Committee (CAPCC)
(T T Duffy, Vice Chair, CAPCC, Rockwell Automation)

Mr. Duffy briefly highlighted the results of the Tuesday, 10 September 2013 CAPCC meeting held in Rosslyn and the CAB meeting to be held on 22 October in New Delhi. He highlighted the following:

- CAPCC membership is considered a standing item in its Agenda. Suggestions of possible contacts are always welcome.

- Reports were provided on the
  - ANSI Conformity Assessment Policy Committee (CAPC)
  - ANSI International Conformity Assessment Committee (ICAC)
Mr Lane Hallenbeck, ANSI VP Accreditation Services and Chair, ISO CASCO, provided an overview on CASCO and its current activities.

- Report on the 10 June 2013 CAB Meeting in Geneva
  - New Conformity Assessment System – IECRE – Renewable Energy of interest to TC 82 (Photovoltaics), TC 88 (Wind) and TC 114 (Wave) among others
  - CAB WG 10 – CAB Policy and Strategy – Considering the implementation of the IEC Masterplan 2011 including the USNC proposal for Automatically Appointed CAB member similar to the SMB.
  - CAB WG 16 – Systems Approach in CA- Workshop being organized for Feb/March 2014. Interface with SMB ad hoc 35

- CAB Meeting in New Delhi, India – CAPCC considered the open positions on CAB and offered suggestions to the USNC President. It was also noted that next year the CAB Chair is term limited and an opportunity will be presented for the USNC to nominate a candidate for this position.

- Efforts are underway to ensure that the IEC 1906 Award applies not only to standards experts but to conformity assessment experts as well

- Reports were provided on all CAB Working Groups

- CAPCC reviewed the efforts to expand and build onCore Element #5 of the USNC Strategic Objectives Program and to develop the related Action Plans. Each of the USNC Systems are being asked to contribute to this effort.
• Mr Bill Bryans of the Electro Federation Canada reported on their program as he did for Council today.

• Mr Sandy Butterfield, Chair of IEC/TC 88 – Wind Turbines, provided an update on the activities of the CAB/TC 88 Certification Advisory Committee. He discussed the new IEC System on Renewable Energy.

• Mr George Kelly, Secretary and TAG Secretary of IEC TC 82 – Solar Photovoltaic Energy Systems, updated CAPCC on the TCs efforts to get quality management into the manufacturing chain for their products. He also talked about the benefits of the new IECRE System.

• Mr David W Johnson, Director, Office of Technical Programs and Coordination Activities, US Department of Labor – OSHA, made a very informative presentation on the OSHA Nationally Recognized Testing Laboratory (NRTL) Program.

• Mr Gordon Gillerman, NIST, provided a report on the CAPCC Task Force on Conformity Assessment Communications. A Standards Engineering Society (SES) Webinar on Conformity Assessment is planned for 16 April 2014.

• IEC Council document C/1813/DV on CAB Reorganization was given careful consideration and significant concerns was raised. While the USNC supports the increase in CAB membership from 12 to 15, CAPCC finds objectionable a number of issues such as the appointment of CAB members by the IEC President and the inability of the CAB Alternates to vote in the absence of the NC’s Primary Representative. A number of National Committees, particularly those in FINCA including Canada and Brazil, also object.

Mr Piqueira reported that not only will document C/1813/DV be a subject on the Council Board Agenda on Wednesday, 23 October but it has just been announced that this document will be the sole subject on the NC Presidents’ Forum on Thursday, 24 October. During discussion Mr Rodel spoke for the Canadian National Committee and spoke strongly against the document as it is now written. Mr Piqueira noted that it was not clear what the outcome of these deliberations in New Delhi will be. The document is still on the Council agenda for Friday, 25 October and, it should be kept in mind, that it was approved at the Council Board level with only 4 negative votes. (Brazil, Canada, France, US) The USNC will be moving forward in cooperation with as many other National Committees as possible to register its concern about the current document and to work to have it returned to the appropriate bodies for further development.

12.1 IECEE and USNC/IECEE

Mr Duffy provided a brief report on the IECEE System and the activities of the USNC/IECEE. His report is provided as ATTACHMENT F. He highlighted the following:
• Administration

• IECEE Recap

  - 2013 IECEE Certification Management Committee Meeting - Vancouver
  - IECEE Scheme Gains Greater Global Assempance
  - IECEE Executive Secretary – Kerry McManama, formerly UL, approved
  - Restructure the PSF into Policy and Strategy Committee (PSC)
  - Nomination Process for IECEE Officers
  - Voting by Correspondence and Abstentions in Voting
  - Brazil’s membership to be reinstated
  - Potential suspension of India
  - Smart Grid
  - Global Motor Energy Efficiency Program

12.2 IECEx and USNC/IECEx

Mr Joel Solis also provided a brief report on the IECEx System and the activities of the USNC/IECEx. His report is provided as ATTACHMENT G. He highlighted the following:

• Administration

• IECEx Annual Meeting

  - Elections
  - ExTAG Secretary Nomination
  - New Member Countries
  - New IECEx Service Offerings Under Consideration
  - Certified Service Facilities Scheme
  - Use of Mfg Generated Test Data

• Report on Action Items – Core Element 5

12.3 IECQ and USNC/IECQ

Mr Stan Salot provided a brief report on the IECQ System and the activities of the USNC/IECQ. His report is provided as ATTACHMENT H. He highlighted the following:

• IEC IECQ Update

  - IECQ Organization Status
  - IECQ Certifications
  - Program/Scheme Development Activities
  - Financial Position
  - 2014 IECQ Management Committee Meeting, UK, April 2014
- New IECQ Chair elected May 2014
- IECQ CAS Conformity Assessment/Certification

- IECQ Working Groups
- USNC/IECQ Officers
- USNC/IECQ Organization Membership
- USNC/IECQ Joint Project


Mr Piqueira provided a brief overview of plans for the General Meeting in New Delhi and introduced Ms Leslie McDermott of the ANSI Staff to provide insights on India.

13.1 Leslie McDermott, Senior Manager, International Development, ANSI International Policy Department

Ms McDermott provided a brief overview of ANSI involvement in India and highlighted the following subjects:

- Background: ANSI Engagement in India
  - Tripartite MoU among ANSI, Confederation of Indian Industry (CII) and Bureau of Indian Standards (BIS)
  - U S – India SCCP (2009 – 2012)
  - Importance of Standards and Conformance: Indian Market

- Overview of Indian Systems
  - Structure of India’s Official Standards and Conformance System
  - Bureau of Indian Standards
  - Indian Standards (IS)

- Overarching Issues and Recent Trends
  - Examples of Overarching Issues Impacting U S Companies in India
  - Recent trends in India

- Next Steps
  - ANSI Survey of Member Priorities
  - Results – India
  - Future ANSI Engagement in India

(ATTACHMENT I)
13.2 Outreach Meetings

Mr Piqueira discussed the various Outreach Meetings that have become a traditional part of the USNC’s General Meeting schedule and highlighted the following:

USNC Delegation Meeting (Sunday, 20 October 2013)

USNC Delegation Reception (Sunday, 20 October 2013)

The following Outreach Meetings are planned based on USNC Council’s past recommendations:

a) Outreach meeting with CENELEC

b) Outreach meeting with Chinese NC

c) Outreach meeting with Japanese NC

d) Outreach dinner meeting with Germany NC
   (Germany Host)

e) Outreach meeting with the Republic of Korea NC

Mr Piqueira noted that agendas for these meetings were currently being developed and he invited the submission of issues/topics that the membership feels are important and should be considered. He requested that when submitting such contributions please include background information from which position papers might be developed. Also we will be looking for Champions for each topic to lead the discussions during the Outreach Meetings. He also reported that a traditional meeting with IEC Officers has been scheduled.

f) USNC Officers Meeting with IEC Officers.

Mr Piqueira noted that, apparently because of space limitations, the number of Observers any National Committee can have attend the Council, SMB and CAB meetings has been limited. The USNC has expressed its concern about this reality as expects to discuss the subject during the meeting with the IEC Officers.

13.3 Council Meeting and Council Open Session – 25 October 2013

The Council Meeting and Council Open Session will take place on Friday, 25 October 2013. The most significant events that take place during the Council meetings are the Leadership Elections, financial matters, and future meeting locations. The Open Session will address the subject of “Challenges of Power Quality.”

13.3.1 IEC Leadership Elections

Mr Piqueira noted that the following elections are to be held in New Delhi. He reminded the Council that, at this point in the process, National Committees have been advised of the status of the members of the various management bodies and have been invited to nominate candidates. Some members are term limited, however, their NCs can nominate replacement candidates. The following documents announce the candidates nominated by their NCs.
• Election by Council – IEC VP and Chair, SMB, Three-Year Term (2014 – 2016) – James E Matthews III (C/1802/INF)

• Election/re-election of five financial Group A members of the Council Board for three-year terms (2014 – 2016) (C/1803/INF)
  - Olivier Gourlay – France *
  - Keiji Kimura – Japan **
  - Graeme Philp – UK
  - Phil Piqueira – US *
  - Markus Reigl – Germany
* Have completed first term end-2013
** Will have completed prelim term end-2013

• Appointment/reappointment of six “Automatically Appointed Members” of the SMB by Council for three-year terms of office (2014-2016) (C/1804/INF)
  - Herve Rochereau – France *
  - Thomas Sentko – Germany
  - Cristina Timo – Italy *
  - Shuji Hirakawa – Japan *
  - Anne Humberstone – UK
  - Alec McMillan * - US
* Have completed 1st term end-2013

• Election/re-election of three members of the SMB for three-year terms (2014-2016)
  - Jose Sebastiao Viel – Brazil *(C/1805/INF)
  - Jesper Jerlang – Denmark
  - Luis Ivan Hernandez – Mexico *
  - Jos Remy – Netherlands
  - Alexander V Zazhigalkin – Russian Feder
  - Willa Breed – South Africa
* Will complete 1st term end-2013

• Election/re-election by Council of four CAB Members for three-year terms (2014-2016)
  - Mr Ian Forte (Australia) (C/1806/INF)
  - Mr Marcos Aurelio Lima de Oliveira (Brazil)
  - Mr Didier Bourges (France)
  - Mr Ir. Mohamad Faudzi B Mohd. Yasir (Malaysia)
  - Mr Victor Timko (Russian Federation)
  - Mr Tim Duffy *
* Completing Preliminary term at end – 2013

Mr Piqueira noted that in addition to supporting his own re-appointment to the CB, the USNC will be supporting Jim Matthews for an additional terms as IEC VP and SMB Chair, Alec McMillan as USNC Rep to SMB and Tim Duffy as USNC Rep to CAB. Both the TMC and CAPCC have considered the nominations for SMB and CAB and have provided recommendations to the President.
13.3.2 IEC Financial Matters

Mr Piqueira called attention to the following IEC finance-related documents that will be voted on at the Council meeting in New Delhi. He noted that the USNC Finance Committee had reviewed these documents and have recommended approval.

Report concerning the auditing of the IEC – only Accounts for the financial year 2012 and the Guarantee Fund, established by BDO Ltd (Geneva, Switzerland) (C/1787/DV)

Report concerning the auditing of the IEC Consolidated Accounts for the financial year 2012, established by BDO Ltd (Geneva, Switzerland) (C1788/DV)

Memorandum from the Treasurer on the 2012 IEC Audited Accounts, including a proposal on how to use the surplus (C/1809/DV)

During discussion of this document, Ms Sterling called particular attention to the section titled, “Services to the Conformity Assessment Systems” and she questioned how these figures were developed. It was agreed that this subject would be raised in New Delhi.

Proposed IEC Budget for year 2014 (C/1810/DV)

Proposed IEC National Dues for the year 2014 (C/1811/DV)

31.4 Council Board Meetings – 13 June 2013, Geneva and 23 October 2013, New Delhi

Mr Piqueira noted that a CB Agenda was not yet available but he highlighted some of the topics that will likely be raised in New Delhi.

13.5 IEC/ISO/ITU World Standards Cooperation

Mr Piqueira called attention to document C/1814/R – Summary Report on follow-up to the twelfth meeting of the IEC/ISO/ITU World Standards Cooperation (WSC) meeting held in Geneva on 14 February 2013.

13.6 USNC Hosting 2022 IEC General Meeting

Mr Piqueira called attention to an initial list of those who have agreed to participate in the USNC Planning Committee for the 2022 IEC General Meeting to be held in the US. He invited all those interested to get involved and to make that interest known prior to Charlie Zegers. During discussion, Messrs Bill Belt, Tim Duffy and Don Heirman agreed to participate. More are needed.

In New Delhi, Mr Piqueira will confirm the USNC’s invitation for 2022 during the Council meeting.
Section 14 USNC Finance Committee
(Joan Sterling, Vice Chair, USNC Finance Committee, Intertek)

Mr Sterling, Vice Chair, USNC Finance Committee, called attention to the Minutes of the Committee’s 15 August teleconference USNC/Council 590/USNC FC 57. (ATTACHMENT J)

She highlighted the following subject:

- Status Report FY 2013 Funding Program
- 28 USNC Sponsoring ($6,450) Members – 2013
- Additional Resource Expert USNC/TAGs when Justified
- TAG Participation Without Fee for 7 FINCA National Committees
- Processing Procedures for Requests for Waivers
- Waiver Criteria for Consumer Advocates
- Items to be Funded – USNC 2014 Budget
- Overview – IEC Dunner Formula by which IEC Dues are calculated
- IEC Council Financial Documents to be approved in New Delhi

During discussion, it was noted that the day prior to every SMB meeting a breakfast has been held for the Pacific Areas members to discuss the agenda and to share their positions. These breakfasts have been scheduled for years and the USNC has always been the host. An effort is underway to have the other countries share the costs of these events on a rotating basis not only to reduce costs but to convey the message that these are NOT USNC events but a shared exercise among the interested SMB members.

Section 15 Nominations Committee
(Kevin J Lippert, Vice President, Membership Development and Recruitment, Eaton Corp)

Mr Lippert reported on the Committee’s teleconference of 18 June 2013 primarily to consider nominations for the ANSI Award Program. He highlighted and addressed 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.
- Mr Lippert reported that the USNC had nominated 11 well qualified individuals for the various ANSI Awards and the following 5 were selected:
  - Lawrence B Farr, Eaton Corp   Elihu Thomson Electrotechnology Medal
  - Manyphay Souvannarath, GE    Next Generation Award
  - Edward F Mikoski, Jr, ECIA   Meritorious Service Award
  - Mark W Earley, P.E., NFPA     Meritorious Service Award
  - Alvin B Scolnik, (NEMA Retired) Meritorious Service Award
Unfortunately, many of these nominations were suggested via the Committee’s own resources. Few nominations were submitted directly by the USNC constituency and he encouraged the USNC to get behind the 2014 ANSI Awards Program.

- He also called attention to the IEC Lord Kelvin Award and the IEC Thomas A Edison Award for both Standards and Conformity Assessment. Here too, these are good programs that provide recognition to those working in the field and should be supported by the USNC. Mr Piqueira noted that the Lore Kelvin Award is the highest award that IEC presents, however, only one is presented each year and only if a candidate is voted on as required. No candidate was approved for 2013 and the USNC is concerned about this fact and intends to raise the subject with the IEC Officers.

- Mr Lippert also noted that the USNC’s Distinguished Service Award program will be launched in the near term future.

- Succession planning is always an issue of interest to the Nominations Committee both at the USNC level and the IEC level.

- Finally, Mr Lippert provided a brief report on the Committee’s membership program. First E-Mails were circulated to potential USNC Members and then Committee members volunteered to contact potential USNC Members who they may have been familiar with. Now the effort is to again contact those who have shown interest in becoming more involved in the USNC Management Committees and/or USNC TAGs. (ATTACHMENT K)

Volunteers to help this campaign are welcome.

Section 16 Communications and Continuing Education Committee
Elaina M Finger, Corning Incorporated

Ms Elaina Finger, Chair of the USNC Communications and Continuing Education Committee (C&CEC), reported on the Committee’s last meeting/teleconference which took place on 5 August 2013. (See USNC/Council 591/USNC/C&CEC 66 (ATTACHMENT L)). She highlighted the following:

- USNC News & Notes Naming Contest – We have a winner! Out of all submissions, the near unanimous winner is: USNC Current. This new name will have to be approved by the Council and can be put into publication starting in 2014.

- Update on Core Element 2 - Ensuring effective marketing and communications of key USNC messages which you and the C&CEC is responsible for. A review and revision of the 2007 USNC Communication Plan is underway by the Committee and will serve to address almost all of the Strategic Objectives in Core Element 2.

- The World Standards Cooperation (WSC) Workshop for universities (business schools) from the US East Coast on strategies between leading academic institutions and standards organizations, which was led by ISO, had a successful two-day debut at the Library of Congress. Plans are underway for the 2014 WSC Workshop which will be held on the West Coast and spearheaded by the IEC.
• There is a planned exhibit by the USNC and ANSI at the 3rd US Science and Engineering Expo at the Washington DC Convention Center from 25-27 April 2014. This event will bring thousands of teachers, students and families to the capital for a weekend filled with various organizations committed to science and engineering education. We will have an exhibit booth at the event to build recognition and convey information on standards and conformity assessment.

• Remaining USNC News and Notes has two more issues planned: 3rd Q – Multimedia and 4th Q – Highlight on IEC SMB Strategic Groups. We are currently soliciting ideas for next year’s themes.

• The long-awaited revision of the Guide for US Delegates to Meetings of the IEC and ISO has finally been completed and published!

• The C&CEC has been very active in administering various workshops throughout 2013, including the TAG Leadership Workshop being held after the Council Meeting and the last Instructor-Led Webinar which was successfully held on Monday, 24 June 2013 with Elaina Finger as Moderator and John Abbott, Sonya Bird and Ken Gettman as Facilitators.

• Regarding the Comic Book/Coloring Book/Video Game/App Project, the C&CEC will come up with a concrete proposal to review that will be based on ANSI’s Holiday Standards poster (attached) produced to show how standards, safety and the holidays all intertwine. A similar poster or series of scenes will be produced that will most likely have a “hero” type character (Stan the Standard?) which will be a constant presence throughout the project.

• The Joint Task Force Emerging Professionals is the responsibility of both the ANSI Committee on Education and the USNC C&CEC. Its primary goals is to examine the Emerging Professionals initiative and to see how much of it can be reasonably implemented in the US. Efforts are underway to prepare recommendations for the ANSI December Board meeting which will suggest specific programs that can be launched in 2014 and the years beyond with low budget and with minimal resources. The Task Force is Co-Chaired by Jonathan Colby, USNC 2011 Young Professional Leader and is broken into the following five Subgroups:
  - National Events
  - Competitions
  - Internships
  - Mentoring
  - Communications

Section 17  Forum of the IEC National Committees of the Americas (FINCA) Meeting (Argentina, Brazil, Canada, Chile, Colombia, Mexico and USA)

Mr Piqueira reported that the USNC hosted the last FINCA meeting on 4 – 5 September 2013 at the American Welding Society Headquarters in Miami with Keith Rodel of Canada serving as Chair. As usual the primary purpose of this event is to enable the countries to review the Management Meeting agendas for the IEC General Meeting and to share with each other their positions/concerns/challenges. This year the most significant discussion item was the proposed reorganization of the CAB. Also a proposed MoU between FINCA and COPANT was
addressed and now will be finalized for formal signature. Also a White Paper on the Future of FINCA developed by the Canadian National Committee and the USNC was reviewed and actions will now be taken to implement many of its recommendations. Two well received Panel Discussions were held, one on Conformity Assessment and the other on Young Professionals in the Americas. The 2014 FINCA meeting will be held in Chile with that country as host and the USNC as Chair. Mr Rodel shared with Council his impressions of the Miami FINCA meeting.

Section 18 Costa Rica/USNC Workshop

Mr Piqueira reported on the very successful Workshop that took place in Costa Rica on 4 – 5 June. Over a two day period, the USNC delegation met with industry and standards leaders, engineering professors and students and the general public to discuss standards and conformity assessment and to answer questions about how the USNC and IEC operate. The delegation consisted of the following:

Philip M Piqueira
President, USNC/IEC
Global Standards Leader
GE Industrial Solutions

Michael J Johnston
Executive Director Standards and Safety
National Electrical Contractors Association (NECA)

Gustavo Dominguez Poo
Director for Mexico, Central America and the Caribbean
National Electrical Manufacturers Association (NEMA)

Alfredo M Ramirez
Regulatory Services Regional Manager
UL LLC

Stanley H Salot, Jr.
President/CEO, ECC Corp
US National Committee/IECQ

Charles T Zegers
General Secretary, USNC/IEC
Senior Director, International Policy
American National Standards Institute (ANSI)

Tony Zertuche
Deputy General Secretary, USNC/IEC
Senior Program Manager, International Policy
American National Standards Institute (ANSI)

All those involved spoke very favorably about this experience and felt that the USNC’s Mentoring Program had accomplished its primary objectives and should definitely be continued. Council supported this conclusion and it was agreed that the USNC Officers would shortly consider the subject of the next country to be mentored for recommendation to Council. Mr Piqueira noted the suggestion that a Full IEC Member such as Chile might be considered for this
Another country might be Peru. During discussion it was suggested that an ongoing relationship be maintained with Costa Rica and that the USNC Young Professionals be invited to get involved in this program. Suggestions were invited for countries to be mentored and should be submitted to the General Secretary as soon as possible.

Section 19 ANSI Interface

Mr. Zegers called attention to the brief report on the activities of the ANSI International Policy Department including ISO activities, PASC, the ANSI-European Standards Organizations (ESOs) interface and other items of interest. (ATTACHMENT M)

Section 20 – 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

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

Tuesday – Wednesday, 3 – 4 December 2013
IEC Directives Maintenance Team
ISO/IEC Joint Directives Maintenance Team
ANSI New York Office

2014

Tuesday – Wednesday – Thursday
21 – 22 – 23 January 2014
CAPCC/TMC/Council
Small Business Development Center
Central Arizona College
Casa Grande, AZ

Tuesday, 18 February 2014
SMB Meeting, Geneva

Thursday – Friday, 13 – 14 March 2014
IEC Advisory Committee on Electricity Transmission and Distribution (ACTAD)
ANSI New York Office

Monday – Friday, 21 – 25 April 2014
COPANT General Assembly
Havana, Cuba (Tentative)
Friday – Sunday, 25 – 27 April 2014
US Science/Engineering Festival – Exhibit
Washington, DC

Tuesday – Wednesday – Thursday
29 – 30 April, 1 May 2014
CAPCC/TMC/Council
Location to be determined

Monday – Friday, 5 – 9 May 2014
PASC
Malaysia (Tentative)

Monday, 16 June 2014
CAB, Geneva

Tuesday, 17 June 2014
SMB Meeting, Frankfurt

Wednesday, 18 June 2014
CB, Geneva

Tuesday – Wednesday – Thursday
30 September, 1 – 2 October 2014
TIA, Arlington, VA

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

Tuesday – Wednesday, 18 – 19 Nov 2014
IEC Advisory Committee on Electromagnetic Compatibility (ACEC)
IEEE Piscataway, NJ

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
82\textsuperscript{nd} IEC General Meeting
Republic of Korea

2019
83rd IEC General Meeting
China

2020
84\textsuperscript{th} IEC General Meeting
Sweden

2021
85\textsuperscript{th} IEC General Meeting
Open

2022
86\textsuperscript{th} IEC General Meeting
USNC Expression of Intent Submitted to IEC Central Office and will be confirmed at the Council meeting in New Delhi.

Section 21   Adjournment

Mr Piqueira again expressed his appreciation and that of the USNC Council to Ken Gettman, Megan Hayes and NEMA for the hospitality extended during these USNC meetings in Rosslyn, VA.

The meeting was adjourned at 3:20 p.m.(EDT)

Respectfully submitted;
Charles T Zegers
General Secretary USNC
9 December 2013