US NATIONAL COMMITTEE/IEC
TECHNICAL MANAGEMENT COMMITTEE (TMC)

Minutes
Hewlett-Packard Offices
Palo Alto, CA
Wednesday, 25 January 2012
(Meeting # 35)

Members Present

Alec McMillan (Chairman)   USNC, VP –Technical   Rockwell Automation
David Aho                   Member                  Cooper Power Systems
Terry de Courcelle          Member                  IEEE
Ken Gettman                 Member                  NEMA
John Green                  Member                  Cooper Industries (NEMA)
Megan Hayes                 Member                  NEMA
Don Heirman                 Member (US EMC Stds)   Don HEIRMAN Consultants
Bernie Liebler              Member                  AdvaMed
Shazia McGeehan             Member                  CEA
Joseph Musso                Member                  UL
Florence Otieno             Member                  TIA
Ron Reimer                  Member                  Rockwell Automation
William H Scofield          Member                  The Boeing Co (ECC Corp)
Todd Strothers   Member   CSA Standards
Jeff Waymouth   Member   OSRAM SYLVANIA
Charlie Zegers   USNC General Secretary   ANSI
Tony Zertuche   USNC Deputy General Sec.   ANSI

**Guests Participating**

John G. Abbott, Ph.D.   Council Member   Philips Healthcare
Chris Agius   Executive Secretary   IECEx & IECQ - IEC Central Office
Sonya Bird   Council Member   UL
Albert P Brazauski   TC 108 Secretary   UL
Ken Caird*†   USNC Rep. SG3   GE Energy
Lloyd W Condra   ECC Corp   The Boeing Company
Tim Duffy   CAPCC Vice Chair   Rockwell Automation
Gerald J Fitzpatrick   Council Member   NIST
Mark Frimann*†   ACEA Representative   Texas Instruments
Paul J. Hearty, Ph.D.   Council Member   Sony Electronics
Susan C. Hoyler   Council Member   QUALCOMM, Inc
Joseph L Koepfinger*†   Koepfinger Consulting   ACTAD
Gary Kushnierz   VP, International Policy   ANSI
Kevin Lippert   USNC VP–Membership   Eaton Corp
Steven T Margis   CAPCC Member   UL
J E Matthews   IEC VP/SMB Chair   Corning Incorporated
Timothy P McNeive   Council Member   Thomas & Betts
Edward F Mikoski, Jr.   Council Member   ECIA
Greg Orloff   Council Member   CSA Standards
Rich Pescatore   Council Member   Hewlett-Packard
Phil Piqueira   USNC President   GE
Stanley H Salot   Council Member   ECCB
Gary Schrempp   Council Member   Dell, Inc
Sam Sciacca   Council Member   SCS Consulting (IEEE)
Alvin Scolnik   Council Member   NEMA
Joan E Sterling   USNC Alternate Rep CAB   Intertek
Section 1 – Organizational Matters

1.1 Welcome, Opening Remarks and Introductions
(A McMillan)
Alec McMillan called the meeting to order at 9:00 a.m. (PST) and welcomed everyone to Hewlett-Packard and Palo Alto, CA.

1.2 Approval of Agenda (USNC/TMC 728)

1.2.1 Approval of Consent Agenda
The Chairman called attention to the Consent Agenda (USNC/TMC 728) and asked if any items should be removed for detailed discussion.

VOTED #1 To approve the Consent Agenda (USNC/TMC 728)
(This motion was approved unanimously.)

1.2.2 Approval of Balance of the Agenda (USNC/TMC 728)
Mr. McMillan invited any additions or changes to the balance of the agenda and none were suggested. It was moved, seconded and

VOTED #2 To approve the Balance of the Agenda (USNC/TMC 728)
(This motion was approved unanimously.)

Section 2 - Status of Outstanding Action Items
(T Zertuche)

2.1 Action Item 2011-05-08
USNC Office
Ms. Baronas again reiterated her desire for there to be a teleconference set up between the USNC Officers and the USNC SG 1 leadership which could take place after the IEC General Meeting in Melbourne.
Status: Pending – See Section 5.1

2.2 Action Item 2011-05-08 A McMillan/T Zertuche
Mr. McMillan then announced that the USNC Office would be distributing a modified, comment template to the TMC on the IEC Technical Committee Structure to garner input to help him and Mr. Zertuche address the issues both on the IEC Technical Server and at the upcoming SMB Meeting in Melbourne.
Status: Completed

2.3 Action Item 2011-05-08 C Zegers
A question came up regarding sales data on this standard and Ms. Young responded that she did not know of any but that this kind of information would be very helpful to her team. It was then decided that the USNC should inquire about the availability of this data from the IEC Central Office.
Status: Completed

2.4 Action Item 2011-05-08 P Piqueira
It was decided that the MOP Task Force should continue its work this time focusing on whether or not the TAGs should certify that they are following the MOP (or their approved equivalent) and/or notify the USNC of any significant changes; and if the TAGs should re-certify, then how often this process should take place.
Status: Completed

2.5 Action Item 2011-05-08 P Piqueira
Mr. Zegers recommended that he and Mr. Zertuche go back and review the Informational Interest Group document so as to modify and update if necessary, and then present it to the next TMC Meeting for possible implementation.
Status: Completed

2.6 Action Item 2011-05-08 P Piqueira
Since there have been new members approved by the TMC, it was suggested that Mr. Zertuche get in touch with them to solicit Group Manager preferences so that he could come back to the TMC with the recommended reassignments for the next meeting to be held in January.
Status: Completed

Section 3 – Report on Systems Standardization
Alec McMillan started off leading a discussion on systems standardization and conformance as a follow-up to the MSB’s proposal that could be used to enhance systems applications in the technical work of the IEC. He began by talking about the MSB’s Task Force on systems standardization and their subsequent reports to both the CAB and SMB. A product of these reports is the formation of two new groups – a Working Group in CAB and an Ad Hoc Group in SMB - to study the issues surrounding and possible implementation of the systems approach to standardization and conformance. Jim Matthews announced that he would be chairing the SMB ahG once it is formed. Mr. McMillan informed the TMC that he would be the US representative on this SMB ahG and, as such, would be calling for US volunteers to join a new
“virtual TAG” that he would lead to share ideas and provide input for him to take back to the ahG and the SMB (ACTION ITEM #1).

He went on to say that in many groups systems standardization is already taking place such as in IEC/TC 8 and with Smart Grid. However, these specific examples are currently only unique instances as there is no consistency across the board in the IEC. He explained that the task for the SMB is to find out if there is there a way to come up with a standardized process for how you define a system, how you define what is in it and not in it; and this must also include non-IEC domain space issues. Thus, if a system requires a certain product or method that is outside the IEC, such as an item within the ISO, then it has to be included in the process. This is especially true with the numerous “smart” products that are now entering the market and which are built with many different standards across a variety of SDOs.

There was continuing discussion on the number and nature of stakeholders that would be taking part in this ahG. Also, a question was raised as to the scope of the group. Both Messers Matthews and McMillan acknowledged that this initiative was in the early stages and that many questions still needed to be addressed. The report from this SMB ahG will be submitted for the October SMB Meeting in Oslo.

Section 4 – For Information - Discussion of Several CENELEC Related Items
Alec McMillan, in an effort to focus the CENELEC discussion, asked that the TMC avoid the bigger issue of whether or not there were problems with the Dresden Agreement, but instead solicited concrete examples of strategies or processes that European countries may be using to avoid standards work within the IEC. He recognized that some of these instances could be the result of miscommunication or misperceptions by those non-European members; however, if there are specific cases that are beginning to appear more frequently, it might be a good idea to form some kind of task force or study group to look into these issues.

Jim Matthews, speaking on behalf of Steve Swanson of Corning, began by outlining a particular instance relating to IEC/TC 86 where there has been what could be considered “detail specifications” developed in Europe, in CENELEC, outside of the IEC but in parallel with similar work being done in the IEC TC. This in essence would mean that there could be globally accepted, IEC standards that would not be sufficient for related products to be sold in Europe.

There were others who also voiced concern and provided examples of areas where CENELEC countries have not accepted IEC standards or only accepted them with substantial modifications. At this point, Mr. McMillan announced that the creation of a task force would proceed with the preliminary goal of collecting input and validating studies on whether or not there is some kind of underlying trend or subtle change in strategy by CENELEC members to work outside of the IEC (ACTION ITEM #2). Mr. Matthews agreed, adding that the first task of this group should be to create some sort of guideline or white paper that first outlines how the Dresden Agreement should work followed by the goal outlined by Mr. McMillan.

Mr. McMillan then asked for a group leader for this task force to which it was decided that Steve Swanson would be that person. Both Don Heirman and John Abbott asked to join that group and it was decided that a call would go out to both the TMC and Council for other volunteers to be on this Task Force.
5.1 SMB Strategic Group #1 – Energy Efficiency and Renewable Resources
Alec McMillan announced that Ms. Jean Baronas, the USNC’s Alternate Member to SG 1, has left Sony and along with that, her duties as a member of SG1. Also, Paul Hamilton of Schneider, the Primary Representative has also declined to continue as the USNC’s member on this group. This, of course, leaves the US with no one directly participating in a group on its own. Mr. McMillan asked the members what they thought the IEC should be doing in the field of Energy Efficiency (EE). Rich Pescatore noted that the IEC CAB also has a working group on EE with the only deliverable being the recognition that there are numerous EE programs around the world with none of them being harmonized. To this point, a few more people in the meeting spoke of their committees looking for standardized ways to measure EE.

In addition to this, Phil Piqueira, informed the TMC that ANSI had approached the USNC because it is looking to form a Standards Panel in the area of Energy Efficiency. This was discussed in detail at the USNC Council Meeting following the TMC Meeting.

It was also noted that the status and scope of IEC SG1 would be reviewed by the SMB in June.

Mr. McMillan then asked that anyone interested in actively participating as a USNC representative in SG1, should contact the USNC Office. In the meantime, he volunteered a person to be named later from Rockwell Automation as a possible candidate to be the USNC Primary Representative. Mr. McMillan also made a renewed call for participants to join the USNC V-TAG for SG1.

5.2 SMB Strategic Group #3 – Smart Grid
Ken Caird gave a brief update on the latest happenings in SG #3. Mr. Caird informed the TMC that he had been contacted by representatives of NIST and the Standards Interoperability Panel (SGIP) about help with developing a bridge between NIST and SG3 to more fully coordinate the ongoing activities within the IEC. It was decided between representatives from NIST, NEMA and Mr. Caird himself that the best approach to accomplishing this coordination would be to activate a USNC TAG for SG3 which met in November. Mr. Caird announced that he is now working with Paul Molitor of NEMA as his point of contact to NIST’s SGIP. SG 3 is currently revising its Smart Grid Roadmap and the outline for this has been sent to Mr. Molitor for his comments and suggestions.

A question was raised as to what exactly PC 118 was. Jim Matthews explained that PC 118 Smart Grid User Interface is a Project Committee (a first for the IEC) that will function like a Technical Committee with only two particular projects being worked on. The assumption here being that once these projects are completed, the PC will disband; however, Mr. Matthews acknowledged that while this disbandment is expected, it is not necessarily mandatory. In addition to this, Mr. Caird informed the TMC that he felt that the US was well-represented in PC 118. It was also noted that PC 118 has already formed a TAG with NEMA as TAG Administrator and that potential liaisons between the two TAGs were already under consideration.
Mr. McMillan then announced that the Chinese National Committee had invited Richard Schomberg, Convenor of SG3, to be the Chair of PC 118 and that the USNC Office had received a request from Paul Molitor, USNC TAG Secretary for PC 118, that Steven Bushby of NIST be submitted for consideration as the Vice-Chair for PC 118 now that the position of Vice-Chair has been sanctioned by the SMB.

In conclusion, Mr. Caird indicated that SG3 would be working diligently to coordinate efforts with the SGIP including database alignment and getting together at the next SGIP meeting held in February. He also mentioned that Al Hefner would be taking the lead on IEC MSB’s strategy to integrate renewables into the work of SG3. The discussion ended with various participants acknowledging how SG3 is becoming not only a possible model for Systems Standardization within the IEC but also as a coordinating group for organizations outside IEC such as ITU and IEEE.

5.3 SMB Strategic Group #4 – LVDC
Ken Gettman reported on the latest issues and applications being examined by SG4 including the ongoing standardization of voltages and the conversion of AC to DC in terms of local distribution, particularly with regards to data centers. Another area of interest being studied is with renewable energy and its interconnection with the grid, as well as related issues dealing with energy storage.

5.4 IEC Technical Committee Structure
Jim Matthews updated the TMC on the SMB’s latest decision on IEC TC & SC structure and the recent feedback collected from the National Committees. The ultimate goal of this project is to give both the National Committees and the TC/SC members better tools to accomplish the technical work of the IEC’s committees without “fixing” the processes that are not broken.

5.5 TC 23 Electric Accessories – Plugs and Sockets
After giving a brief history of the ongoing IEC/TC 23 Plugs and Sockets issue, Mr. Gettman spoke about the recently approved Strategic Business Plan that the North American delegation has been working on for the past several months. He discussed the US’s formal submission of a New Work Item Proposal and identical Publicly Available Specification that was submitted with “In Some Countries” clauses to be inserted into the existing standard. These controversial issues were discussed at a meeting, initiated by the IEC/TC 23 and SC 23B Officers, on 22 February 2012 at the ANSI Offices in New York.

5.6 Fixed Terms of Office for TC/SC Chairmen
Alec McMillan announced that he would allow time for discussion on this controversial topic before formally asking the TMC whether or not the US should support the proposal outlined in SMB/4663/DC (ATTACHMENT A) on the SMB ahG 32 recommendation to consider fixed terms of office (maximum period of nine years) for TC/SC Chairmen. Jim Matthews began the discussion by reiterating that the positives of this proposal not only outweigh the negatives but also take into account potential problems by the fact that all incumbent Chairs would begin with a zero count from the date of the SMB decision.

The debate immediately began with many voices ardently arguing their reasons for and against the need for term limits. After several minutes of open and honest discussion, Mr. McMillan then called for a formal show of hands by only TMC Members to indicate their vote on if the US should support this proposal.
VOTED #3  To support fixed terms of office (maximum period of nine years) for TC/SC Chairmen (SMB/4663/DC)
(This motion was approved by a vote of 8 -7.)

5.7  Consideration of USNC Positions for 15 February 2012 SMB Meeting in Geneva
Mr. McMillan went over document SMB/4671A/DA (ATTACHMENT B), the revised Draft Agenda for the SMB Meeting. Each item was reviewed to determine appropriate USNC positions and possible membership in upcoming ad hoc groups.

A call went out for an alternate representative of SG 5 Ambient Assisted Living and the possible formation of any virtual or V- TAGs for the new IEC Strategic Groups. It was then noted that the USNC was asked to nominate two additional members for SG 6 Electrotechnology for Mobility one each from the auto industry and the electrical utilities sectors. Mr. McMillan also a reminded everyone that the next SMB Meeting would be held in Boston, MA, USA.

IEC VP, Jim Matthews, made two announcements: one concerning new members to the SMB from Spain, Italy and South Korea and the other regarding staff changes for the IEC Central Office including the impending retirements of Gisele Pomel and Joyce Lacroix.

5.8  Assessment of IEC IT Tools
Mr. Zertuche reviewed his plans for the SMB’s ad hoc Group 33 to provide the user requirements and feedback for the needs and functionalities of IT tools in the preparation of the IEC’s technical work. He mentioned that an information-gathering trip to Geneva might be in the works whereby the members of the ad-Hoc group would be able to meet and observe the IEC’s IT processes to better address the various IT needs of the IEC constituency. Mr. Zertuche added that it would be a good idea to also collect comments and suggestions from the USNC’s members while going out to the broader IEC body. Jim Matthews emphasized that this SMB group’s mission would not be to collect complaints or look for ways to replace the entire IEC IT system. Instead, the ad Hoc group was created to allow those who use the system to provide practical input on how it can be improved.

5.9  Status Report on New IEC Initiatives
Mr. Zertuche identified the newest IEC committees and groups:

- PC 118 – Smart Grid User Interface
- TC 119 – Printed Electronics
- SG 5 – Ambient Assisted Living
- SG 6 – Electrotechnology for Mobility

Regarding TC 119, Mr. Zertuche announced that the TMC had voted by ballot to nominate Dr. Dipak Chowdhury of Corning for the position of Chairman. Mr. McMillan made a call for participants and indicated that these groups would most likely be forming mirror committees.

Section 6 – Management Decisions
6.1  TMC Task Force on Revision of the TAG Model Operating Procedures and TAGs Below or Near Viability
Sonya Bird reminded the TMC that after the revision of the USNC’s TAG Model Operating Procedures, the TAGs were given an opportunity to inform the USNC Office that they would be either accepting these Procedures or submitting their own for Task Force approval. She announced that only three TAGs were delinquent in reporting back to the Task Force. Ms. Bird let the TMC know that to date the Task Force was still in existence and working to incorporate some final changes to the Model Operating Procedures and called for any new potential members to join the group. She then announced that she would be staying on as covenor of this Task Force until it accomplishes its goals even though Ms. Bird herself has left the TMC to join the USNC Council.

6.2 **Informational Interest Group (IIG) for Committees where the US is a Non-Member**

Charlie Zegers spoke about this proposal which was approved by the USNC Council in 2006 but never utilized *(ATTACHMENT C)*. There are certain procedures for the IIGs that would need to be formalized, such as voting and submission of comments, if they are to be developed and functioning. However, for the time being, Mr. Zegers informed the TMC that the USNC Office was prepared to administer and facilitate any IIGs that members were interested in forming to follow those TCs & SCs where the USNC is a non-member. It was decided that the USNC Office would announce the full implementation of the IIG program in ANSI’s Standards Action and stand ready to handle all requests. The TMC would then review the program at its September meeting *(ACTION ITEM #3).*

6.3 **Group Manager Assignments**

Tony Zertuche announced the revised allocation of Group Manager assignments *(ATTACHMENT D)* to the TMC Members and asked that any issues or change requests be submitted to him for consideration. For those new TMC Members, the USNC Office would be sending them information on the Group Manager duties and responsibilities.

6.4 **Call for TAs, IEC Secretaries, TAG Secretaries and USNC Non-Memberships**

Mr. Zertuche listed the various USNC/IEC positions that need to be filled for the upcoming terms. Also included was the list of the IEC TCs/SCs on which the USNC is a non-member.

6.5 **USNC Instructor-Led Course**

Ken Gettman outlined the latest information on the USNC’s Instructor-Led Course on *Effective Participation in the Development of Globally Relevant IEC Standards* scheduled to take place on 28 March 2012. This fee-based course is administered as a webinar and will be led by both Ken Gettman and Elaina Finger.

6.6 **Guidelines for Review of HoD Reports**

Mr. Zertuche announced the revised procedures to ensure proper review of the Head of Delegation Reports. The most significant change to these procedures is the setting of a deadline to acknowledge receipt of the HOD report by the Group Managers to those Heads of Delegation. He then reiterated the importance of the comments received from the reports that are needed to address any issues that may arise and their potential development into published articles for the USNC’s *News and Notes*.

6.7 **TMC Adhoc Group on USNC TAG Secretary Voting**

Ken Gettman started off the discussion on a proposal to approve establishing a program to permit certain USNC TAG Secretaries to submit votes directly to the IEC on behalf of their TAGs. The Task Force for this issue, led by Mr. Gettman, collected various comments on this proposal and
reported that while the USNC Office does an exemplary job on IEC voting, there might be advantages to allowing seasoned, TMC-approved TAG officers to vote firsthand. However, he explained that the Task Force found that the logistics to this direct access along with the consequences for missing votes proved to far outweigh any advantages that might be gained from approving this proposal. Most of the comments from the participants at the meeting felt that since the current system is working properly, the proposal should not be supported.

Section 7 – Forum of the IEC National Committees of the Americas Meeting (FINCA)
Phil Piqueira updated the TMC on the current issues surrounding the USNC’s involvement with FINCA which included the newest addition to the Forum, the National Committee of Colombia, and the next meeting of the group which will be held in Toronto, Canada in September of this year. Tony Zertuche announced that his Task Force for this group was successful in planning to have 5 FINCA-(co)sponsored workshops in 2012 (ATTACHMENT E). Alec McMillan commented that following the Conformity Assessment Policy Coordination Committee Meeting held the day before, it was decided that the USNC would push for a Conformity Assessment-themed Workshop at the next FINCA Meeting in Toronto.

Section 8 - Technical and/or Policy Issues for Consideration
8.1 IEC Leadership Elections
Mr. Zertuche listed the three candidates that were elected/re-elected to the SMB at the 28 October 2011 Council Meeting held in Melbourne which were Mr. Keith Rodel of Canada, Mr. Myoung-Jae Shin from the Republic of Korea and Mr. Pablo Carrons of Spain.

8.2 Mentoring Program – Developing Countries in the Americas
Tony Zertuche updated the TMC on the successful launch of the USNC’s mentoring program in cooperation with the Costa Rican National Electrotechnical Committee (NEC). Ms. Sandra Vega Gomez, President of the Costa Rican NEC, attended the IEC General Meeting in Melbourne and successfully participated in virtually all USNC management and outreach meetings as well as the Affiliate Program Meeting. Ms. Vega was an outstanding ambassador of both her NEC and the mentoring program itself. By all accounts this was a great first step in the program which will continue on with delegates, including Ms. Vega herself, attending the next USNC Management Meetings in May.

Section 9 - IEC General Meeting 2011 – Melbourne, Australia
Phil Piqueira briefed the Committee on the USNC’s participation at the 75th IEC General Meeting in Melbourne. He commented first on the outreach meetings that the US always engages in with other National Committees, the IEC Officers and CENELEC. Mr. Piqueira commented that, because of the numerous meetings that the USNC participates in along with the packed agendas of those meetings, it might be more fruitful if the number of meetings was reduced and/or the issues discussed were streamlined.

Mr. Piqueira remarked on the success of the USNC’s participation in Young Professionals (YP) Workshop, specifically the election of Jonathan Colby of Verdant Power as one of only three IEC YP Leaders for 2012. Regarding the upcoming 2012 IEC Young Professionals Program at the 76th IEC General Meeting in Oslo, Norway in October, Mr. Piqueira stated that the US’s process for selecting its candidates should be reviewed and perhaps revised to improve the procedures and increase the number of candidates submitted to the USNC.
Section 10 – Reports TAs, Secretaries, IEC Advisory Committees and Sector Boards

10.1 Reports TAs, Secretaries in Attendance
Joseph Koepfinger, Co-TA for the US TAG on IEC/TC 8 Systems aspects for electrical energy supply, gave his report on the latest issues facing the Technical Committee. The TC met in Melbourne at the GM and he noted that the organization of both the TC work and its meetings were greatly improved. Mr. Koepfinger detailed the positive work being carried out in the Working Groups, specifically with a couple of IEEE/IEC derived specifications - IEC/IEEE 63547 TR and IEC/PAS 63547 Ed.1.0. Also mentioned was the work being done by CIGRE and CENELEC on new terminology that they would present to the IEC “with no strings attached”.

10.2 Advisory Committee on Electricity Transmission and Distribution (ACTAD) - formerly Sector Board 1 - and US Coordinating Committee on Electricity Transmission and Distribution (USCCTAD)
Mr. Koepfinger also provided a brief update on the USCCTAD and ACTAD. Some topics included were the heavy participation by the Asian NCs and how that has affected the Committee’s direction, the liaison with and division of work between ACTAD and SMB SG #3, and the move to increased use of the IEC’s IT Collaboration Tools.

10.3 Advisory Committee on Telecommunication (ACTEL) and US Coordinating Committee on Telecommunications (USCCTEL)
A brief presentation was provided by Barry Linchuck and reported on by Susan Hoyler. The report highlighted the recent change of the committee from Sector Board to Advisory Committee including the first meeting held as ACTEL and the new scope of work. Ms. Hoyler also detailed the development of a white paper on Fibre to the Home (FTTH) Standards and the continuing overlap issues between JTC1/SC25 and IEC/TC100 as well as the same types of issue emerging between ACTEL and ITU-T.

10.4 Advisory Committee on Environmental Aspects (ACEA) and USNC Coordinating Committee on Natural Environmental Aspects (USCCENV)
New ACEA Representative and USCCENV Chair Mark Frimann called in to report on ACEA and the USCCENV. One topic discussed was the availability of the free, database of IEC, CENELEC and CEN standards related to environmental aspects. Also mentioned was ACEA’s recent efforts to revise the IEC Guide 109 Edition 3: Environmental Aspects – Inclusion in Electrotechnical Product Standards.

10.5 Advisory Committee on Electromagnetic Compatibility (ACEC) and US Coordinating Committee on EMC (USCCEMC)
Don Heirman updated the TMC on the numerous issues facing IEC standardization and Electromagnetic Compatibility (EMC). He first spoke on the close collaboration going on between those working in the Smart Grid area, including NIST’s Smart Grid Interoperability Panel, and those working in EMC. The next item dealt with ACEC being asked by the SMB to monitor the development of electric vehicles and the EMC requirements to be sure they followed Guide 107. In addition to this, Mr. Heirman spoke about the significant amount of time ACEC has spent reviewing Guide 107 since the SMB has decided that Guides can have normative elements in them.
Regarding the USCC EMC, Mr. Heirman informed the TMC that an effort was underway by himself and the USNC Office to review both member interest and TAG participation in the Coordinating Committee.

10.6 Advisory Committee on Safety (ACOS) and US Safety Coordinating Committee (USSCC)
Larry Farr submitted a report on the work going on in ACOS and the USSCC which was provided for individual review.

Section 11 – Any Other Business - Report from Chris Agius, IEC Central Office Staff, Executive Secretary, IECEx and IECQ
Chris Agius of the IEC Central Office was given an opportunity to give a brief update to the TMC on a recent publication dealing with the IECEx (Explosive Atmospheres) System. He began by stating that while the Ex is not an industry in and of itself, it does affect almost every other sector of industry. Mr. Agius explained that the United Nations via their Economic Commission for Europe initiated a project four years ago to look at trading issues and develop a model set of regulations for the Ex field to foster safety and reduce costs particularly in developing countries. The publication entitled, Common Regulatory Framework for Equipment Used in Environments with an Explosive Atmosphere, was issued by the UN last year which formally endorses the use of IEC/TC 31 standards supported by IECEx conformance practices as a “world’s best practice” model regulating the Ex field (ATTACHMENT F). Mr. Agius highlighted the fact that this was a great accomplishment, not only for IECEx, but also for the all areas of standards and conformity assessment.

In conclusion, he reminded everyone of the upcoming IECEx International Conference that will take place in Dubai, United Arab Emirates, on 20-21 March 2012.

Section 12 – Future Meeting Dates
The following meeting dates for 2011 and beyond were announced.

2012
Tuesday - Wednesday - Thursday, 1-2-3 May 2012
CAPCC/TMC/Council Meetings
TIA Offices, Washington, DC

7 – 9 May 2012
COPANT General Assembly
Fortaleza, Brazil

4 – 8 June 2012
PASC
Yeosu, Republic of Korea

Monday, 11 June 2012
CAB Meeting, Boston, USA
Tuesday, 12 June 2012
SMB Meeting, Boston, USA
Thursday, 14 June 2012
CB Meeting, Boston, USA

Tuesday - Wednesday - Thursday, 28-29-30 August 2012
CAPCC/TMC/Council Meetings
FM Approvals, Norwood, MA

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

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

2013
Tuesday, 12 February 2013 (Proposed)
SMB Meeting, Geneva

2014
78th IEC General Meeting
Tokyo, Japan

2015
79th IEC General Meeting
Malaysia

2016
80th IEC General Meeting
Germany

2017
81st IEC General Meeting
Russia

2018
82nd IEC General Meeting
OPEN

2019
83rd IEC General Meeting
China
Section 13 – Summary of Action Items

Action Item
2012-01-25 #1 A McMillan
Alec McMillan informed the TMC that he would be the US representative on this SMB ahG on Systems Standardization and, as such, would be calling for US volunteers to join a new “virtual TAG” that he would lead to share ideas and provide input for him to take back to the ahG and the SMB.

Action Item
2012-01-25 #2 S Swanson
Alec McMillan announced that the creation of a task force headed by Steve Swanson of Corning would proceed with the preliminary goal of collecting input and validating studies on whether or not there is some kind of underlying trend or subtle change in strategy by CENELEC members to work outside of the IEC.

Action Item
2012-01-25 #3 USNC Office
It was decided that the USNC Office would announce the full implementation of the IIG program in ANSI’s Standards Action and stand ready to handle all requests. The TMC would then review the program at its September meeting.

Section 14 – Adjournment

Alec McMillan thanked Rich Pescatore and Hewlett-Packard for their hospitality and the meeting was adjourned at 4:05 PM PST.

Respectfully submitted:
Tony Zertuche
Deputy General Secretary USNC
09 APRIL 2012