US NATIONAL COMMITTEE/IEC

TECHNICAL MANAGEMENT COMMITTEE (TMC)

Minutes

Rockwell Automation
Mayfield Heights, OH

Wednesday, 1 May 2014
(Meeting #42)

Members Present

Alec McMillan (Chair)	Member	Rockwell Automation
Ken Gettman (Vice Chair)	Member	NEMA
Wynn Bowman	Member	Star Associates Int'l (ECC Corp)
Hae Choe	Member	AAMI
John Green	Member	Cooper Industries (NEMA)
Jodi Haaz*	Member	IEEE
Donald Heirman†*	Member	Don HEIRMAN Consultants
Bob Kretschmann	Member	Rockwell Automation
Veronica A Lancaster,	Member	Consumer Electronics Association
William Lawrence, Jr	Member	FM Approvals
Calvin Luong†*	Member	CSA
Joseph Musso	Member	UL
Florence Otieno	Member	TIA
Steven Swanson	Member	Corning Incorporated
Jeffrey Waymouth	Member	OSRAM SYLVANIA
Charlie Zegers	USNC General Secretary	ANSI
Tony Zertuche	USNC Deputy General Sec.	ANSI

Guests Participating

Victor Ballivian	Guest	President, Chilean National Committee
Sonya Bird	Council Member	UL
Kim Delort†*	USNC Rep, SMB SG #5	UL
David Delaquilla	TAG Secretary, IEC/TC 72	AHRI
Tim Duffy	USNC VP-CA	Rockwell Automation
Mark Earley	Council Member	NFPA
Mark Frimann†*	USNC Rep, ACEA	Texas Instruments
Megan Girton	Asst. Secretary, IEC/SC 65B	Rockwell Automation
Carol Herman	Council Member	AAMI
Megan Hayes	Council Member	NEMA
Kevin Lippert	USNC VP–Membership	Eaton Corp
Dan Manole†*	USNC Rep, ACEE	Rockwell Automation
Steven Margis	Vice Chair, CAPCC	UL
Evans Massey	Chair, USNC/IECEx	Baldor Electric Co.
James Matthews, III	IEC VP/SMB Chair	Corning Incorporated
Timothy McNeive	Council Member	Thomas & Betts
Edward Mikoski, Jr.	Council Member	ECIA
Dennis Oddsen	Council Member	Hubbell
Philip Piqueira	USNC President	GE
Peter Pondillo	Council Member	Corning Incorporated
Gary Rackliffe†*	USNC Rep, SMB SEG 2	ABB Inc.
Ron Reimer	Honorary Life Member	Rockwell Automation
Stephen Rood	Council Member	Legrand/Pass & Seymour
Amaury Santos	Guest	IEC Latin American Regional Centre
Sam Sciacca	Council Member	SCS Consulting (IEEE)
Gary Schrempp	Council Member	Dell, Inc.
Frank Stupczy	TA, TAG IEC/TC 26	The Lincoln Electric Co.
John Thompson	Guest	Underwriters Laboratories
Ray Turk	TA, TAG IEC/TC 77	Rockwell Automation
David A Vasco	Council Member	Rockwell Automation
Robert Williams	USNC VP – Finance	UL
Trudie Williams*	Council Member	US DoD
Michael Woodford	Guest	AHRI

Angus Low	Guest	Rockwell Automation

Members Not Participating

Charley Robinson	Member	ISA
Patrick Salas	Member	GE
Matt Williams	Member	AHAM

* = Via Teleconference
† = Part Time

Section 1 – Organizational Matters
1.1 Welcome, Introductions and Opening Remarks
Alec McMillan called the meeting to order at 9:00 a.m. (EDT) and welcomed everyone to Rockwell Automation and Mayfield Heights, OH.

He then congratulated Ken Gettman of NEMA on winning another term as the USNC TMC Vice-Chair.

A concern was raised as to the need for an announcement of the recording of TMC Meetings. Mr. McMillan responded that the recordings are made to assist in accurately writing the Meeting Minutes before being erased. He then stated that a declaration will be made before the start of each TMC meeting that the proceedings will be recorded and added that a similar statement will added to the TMC Meeting agenda.

1.2 Approval of Agenda (USNC/TMC 830)
1.2.1 Approval of Consent Agenda
Mr. McMillan called attention to the Consent Agenda (USNC/TMC 830) and asked if any items should be removed for detailed discussion. None were suggested, it was moved, seconded and

> **VOTED #1   To approve the Consent Agenda (USNC/TMC 830)**
> (This motion was approved unanimously.)

1.2.2 Approval of Balance of the Agenda (USNC/TMC 830)
Mr. McMillan invited any additions or changes to the balance of the agenda and none were suggested for this Agenda. It was moved, seconded and

> **VOTED #2   To approve the Balance of the Agenda (USNC/TMC 830)**
> (This motion was approved unanimously.)

Section 2 - Status of Outstanding Action Items

Action Item #1
The official USNC reply to CENELEC's response letter will be developed by the Task Force and reviewed and revised by the TMC in conjunction with President Phil Piqueira before sending it to Elena Santiago and CENELEC.

Status: Completed

Action Item #2

Mr. McMillan suggested that the USNC create a database of IEC Standards that are adopted as ANS as well as referenced, used or otherwise unofficially "adopted" The TMC created a Task Force that will be chaired by Jodi Haasz with Sonya Bird as the vice-chair.

Status: Ongoing

Action Item #3
It was decided that Charlie Zegers would reach out to Scott Cooper, ANSI Vice President for Government Relations, and George Arnold, National Coordinator, Smart Grid Interoperability & Cyber Physical Systems Program Office at NIST to begin the process of increasing government participation on the TMC.

Status: Pending

Action Item #4
A recommendation was made for a group to be formed to help with membership recruitment and succession planning. The group could look to the TAG Rosters to identify gaps and then engage in a kind of marketing campaign to increase both membership and participation. This campaign could be carried out via the various communications outlets available to the USNC and ANSI. Mr. McMillan suggested that he, Don Heirman and Kevin Lippert meet to explore different options to address this challenge.

Status: Pending

Action Item #5
Mr. McMillan announced that the proposed Terms of Reference for the new Subcommittee of TAG Operating Procedures be circulated to the TMC for comment and approval. In response to this E-Ballot, TMC Members are also asked to submit any topics or issues that they wish the Subcommittee to address in its scope.

Status:
Completed

Action Item #6
Mr. McMillan requested that a call go out to the USNC for new members to the Subcommittee of TAG Operating Procedures as well as a new Chair for the group.

Status:
Completed

Action Item #7
Any members who would like to be considered for the position of Vice-Chair of the TMC should submit their names to Tony Zertuche by the end of February.

Status:
Completed - Alec McMillan made a plea for more participation in USNC leadership roles from the constituency, specifically in assistant and vice-chair positions. He emphasized the fact that the USNC would be looking to fill management roles that will become available when various terms end in 2016 and that serving in these secondary officer positions would be very valuable in terms of experience and training.

Section 3 - Implementation of SMB Decisions and Directives
Mr. McMillan touched on a couple of issues from the SMB that he felt needed to be addressed. He first spoke about the pilot program of teleconferencing into TC/SC Plenary meetings which is underway in a few committees.

The second topic dealt with the newly-required rationale statements outlining the value of NWIPs accompanying affirmative votes. Previously, comments were only needed for negative votes. This new requirement was put into place to improve the voting process which many feel has been inundated with the "rubber stamping" of ballots by P-Members who do not take the time to read and study the proposals. The current problem with this initiative is that it is not currently being enforced as there is no authority taking on the responsibility of accepting or denying these comments. In other words, any comment, regardless of how specific or substantive it is, could be accepted because there are no parameters (or process) set to gauge the value of the statements and no assigned individual (Committee Secretary / Chair or IEC Central Office Staff) whose responsibility it is to judge them. SMB Chair, Jim Matthews, echoed this observing that many TCs/SCs are simply ignoring the rule calling for justification comments; adding that there needs to be some kind of Administrative Circular indicating that these affirmative comments are now required for passage. It is hoped that this AC would also outline the mechanism for insuring that these mandatory explanations are substantive.

A comprehensive discussion ensued on this topic whereby all speakers agreed that the current system is not working and that too many frivolous work items are being developed. Adding to this burden is that the passage of these proposals require the organizations that voted against them to be involved in the work, spending precious time and resources "playing defense" to limit any damage that could occur if they are not present during development. Unfortunately, there are few other viable options other than requiring a higher threshold of votes needed for passage or mandating expert submissions with all positive votes, both of which are unlikely to happen. In any case, the general feeling was that the IEC should immediately begin enforcing the new commenting requirement on all affirmative votes.

Ultimately, it was decided that some kind of alternative or supplemental proposal should be advanced to improve the current balloting process. Mr. McMillan asked that the TMC submit any and all comments to improve the NWIP process to a new Task Group to be formed that will develop a proposal which will be submitted to the TMC by their September 2014 Meeting (**ACTION ITEM #1**). The Group is to be convened by Alec McMillan with the following members:
- Steve Swanson
- Megan Girton
- David Vasko
- Bill Lawrence
- Bob Kretschmann
- Ken Gettman
- Ed Mikoski

Mr. McMillan also added that the USNC Office should not accept any Affirmative votes without the requisite comments.

Section 4 – Presentation by Victor Ballivian, President of the Chilean National Committee.
Victor Ballivian gave a comprehensive report (**ATTACHMENT A**) on the technical issues facing this new NC. He outlined the structure of the Chilean electrotechnical industry and the organizations that serve them. Mr. Ballivian spoke about meeting the challenge of attracting industry and government to the table by creating mirror committees where there is regulatory interest. In other words, it was discovered that once the regulators became interested and involved in standardization, the industry players quickly followed suit. Unfortunately, a constant challenge in attracting industry is that many of the international organizations domiciled in Chile feel that their standardization and conformity assessment interests are already being sufficiently represented by other National Committees in the IEC, mainly in Europe and the US.

Section 5 – Report on USNC Strategic Objectives – Core Element 4:

Messer's McMillan and Williams were to hear updates from each of champions on their Action Items for the progress report to the USNC Council; however, it was apparent that many of these individuals had no new information to give. Therefore, Mr. McMillan announced that he and Mr. Zertuche would go through the Strategic Objectives and communicate with the champions in an effort to have a focus session at next TMC Meeting.

Section 6 – Standardization Management Board (SMB) – 17 June 2014 SMB Meeting, Frankfurt
6.1   SMB System Evaluation Group (SEG) 2/Systems Committee (SyC) Smart Energy
Gary Rackliffe gave his SEG 2 report (**ATTACHMENT B**) that dealt mostly with the transition of the SEG to a Systems Committee (SyC) on Smart Energy. Based on Mr. Rackcliffe's report, it was agreed that the USNC should not stop the progress of this conversion of SEG to SyC. Mr. McMillan reiterated his issue with the name "Smart Energy" for the new SyC since it conveys a scope that is much broader than what will be addressed in this Systems Committee. He also mentioned the creation of an ad hoc group on Microgrids and wondered how their work might affect the activities of Smart Energy. Mr. Rackcliffe responded that Microgrids are really an enabler of distributed energy resources, usually from renewable generation, into the grid and ultimately to the customer. The TMC decided that the most reasonable path for standardization in this area should be either in the SyC Smart Energy or allocated to an appropriate TC dealing with related technologies.

A question was asked about where or how the SEG on Smart Cities fits in or with the Smart Grid (now Energy) activities. Mr. Rackcliffe's response indicated that in his opinion, Smart Cities has a good number of functional areas of which Smart Energy could be a part of. Some other areas would also include traffic control, water systems control, billing, as well as all the enabling technologies like data and communications management. He concluded that anything having to do directly with electricity generation and distribution would be delegated to the SyC on Smart Energy with all other aspects of a Smart City falling under SEG 1.

6.2   SMB Systems Evaluation Groups (SEG) 1 – Smart Cities
Mr. Zertuche reported on the latest developments in SEG 1 which included the identification of the various Working Groups to date:
- WG1 – City Service Continuity
- WG2 – Urban Planning and Simulation System
- WG3 – City Facilities Management (CFM)
- WG4 – Use Case – Smart Home
- WG5 – Use Case – Smart Education
- WG6 – Smart Cities Assessment
- WG7 - Standards Development for Smart Cities Using the City Of Johannesburg

A question was asked as to whether or not a V-TAG should be formed to coordinate input and positions, if necessary, since SEG 1 participants were told that they are in the Group as individuals representing their own expertise and not any mirror groups or National Committees. To this Mr. McMillan responded that the SEGs are to include any interested voices that are working for the purpose of developing a proposal for the IEC SMB. This can include individuals from inside and outside the IEC, regardless of who they represent. He went on to say that if the USNC as a whole wants an opportunity to monitor and comment on the work in SEG 1, then the formation of a V-TAG is good idea since the various members of the Committee are so limited in terms of time or resources.

With the departure of Ken Caird as the primary representative to SEG 1, the current fundamental issue facing the TMC is if and how the USNC should support USNC Staff participation in SEG 1's activities. As Tony Zertuche was the Alternate Member to SEG 1 behind Mr. Caird, the TMC was asked whether or not it supports Mr. Zertuche actively participating in SEG 1 as the USNC Representative. This issue was motioned, seconded and,

VOTED #3   To approve Tony Zertuche as the USNC Representative to SEG 1 on Smart Cities and financially supported as such until relieved
(This motion was approved unanimously.)

SECRETARY'S NOTE: After securing support from her organization, Ms. Manyphay Viengkham of GE will now serve in the role of USNC Representative to the SEG 1 on Smart Cities. Tony Zertuche will continue as the Alternate.

In addition, the TMC was asked to support the hosting of the next SEG 1 Plenary Meeting in the US in the fall of 2014. To this, questions arose as to the budget and if the funds were available.   The general sense of the Committee was that the USNC should host the meeting if the costs were reasonable and sponsorship was secured. The main concern was that the USNC had already committed to funding (up to $10,000) the inaugural IECRE Plenary Meeting to be held in the US. Many felt that the current budget was already stretched to a point that fully funding another large plenary meeting might not be feasible if the costs were to be in the estimated range of $30,000. To this Mr. Zertuche informed the TMC that possible cost-free venues might be available with sponsorship being sought for the food and hospitality. Ultimately, Mr. McMillan decided that a budget should be developed for review by the TMC to determine whether or not the USNC should support hosting the SEG 1 meeting in the US (**ACTION ITEM #2**).

6.3   SMB Systems Evaluation Group (SEG) 3 – Ambient Assisted Living (AAL)
Kim Delort called in to the TMC Meeting and gave a number of updates (**ATTACHMENT C**) going on with the SG. One of the most conspicuous changes to the group is the decision to change the name from Ambient Assisted Living to *Active* Assisted Living to more accurately identify the work that is being done. Although "ambient" has been in use in Europe for a while now, the term caused good bit of confusion in the English speaking nations.

At their last meeting, SEG 3 agreed to recommend to the SMB that there needed to be a new group on Data Security and Privacy. The SMB agreed and created an ad hoc group (ahG 53) that the USNC participates in. She indicated that there is a good deal of product crossover between IEC/TC 100 and AAL and so there now exists a close working relationship.   The bulk of the time at their last meeting was spent developing the final report to the SMB recommending a new SEG on AAL and what is hoped to be a future transition to a SyC and touched on many aspects especially with deliverables and membership. The next meeting of this group is set for September 2014.

Mr. McMillan asked Ms. Delort if she was planning to continue participating with this group regardless of what it ultimately becomes. She responded that if a SyC was created for AAL, it would be best to appoint a more technical expert than her who could more actively participate in standards development. However, she did agree to stay on until such an individual is found. Mr. McMillan reminded the TMC that TAGs would have to be created and administered for any of the SyCs that the members want to join.

6.4   Advisory Committee on Environmental Aspects (ACEA) and USNC Coordinating Committee on Natural Environmental Aspects (USCCENV)
Mark Frimann telephoned in to report on issues facing ACEA/USCCENV. He began by informing the TMC that ACEA had been approached by ISO's Committee on Sustainability in an effort to gain their input on environmental issues. Also, as ACEA is looking to attract more TCs to the Committee, Mr. Frimann was tasked with reaching out to those standards organizations in the US who are dealing with a significant amount of ACEA-related activities. His biggest concerns are avoiding duplicity, increasing participation and discovering whether or not the US is feeding enough information back into the international arena. Mr. Frimann asked the group if there were any comments or questions to that would help him provide feedback for ACEA as they are investigating how National Committees are addressing environmental aspects in their standards work. Jim Matthews commented that, regarding increasing TC participation, ACEC has

developed a strong systematic process on identifying which committees within the IEC are dealing with EMC. He added that the IEC Technical Officer for ACEA is aware of this process and could help them customize it to their needs. Mr. McMillan said that ACEA needed to find the common environmental denominator among all TCs to aid in developing the work program to achieve this goal.

6.5   Advisory Committee on Electromagnetic Compatibility (ACEC) and US Coordinating Committee on EMC (USCCEMC)
Don Heirman called in to discuss the current status of both ACEC and the USCCEMC (**ATTACHMENT D**). His report focused on his presentation to the SMB at their last meeting in Geneva which covered the AC's background, continuing work and pressing issues. Mr. Heirman also highlighted ACEC's process of identifying EMC references in the work of the IEC TCs and SCs which was alluded to earlier by Mr. Matthews when addressing ACEA's challenges. The report concluded by saying that ACEC, like many IEC groups, has been battling an increased loss of EMC experts in standardization. However, after the SMB presentation, Mr. Heirman was approached by an IEC Central Office staff member who informed him that 45 Young Professionals identified EMC as an area of interest at their last Workshop in New Delhi. Furthermore, he was asked if he might be available to give a presentation to the next group of YPs at the upcoming General Meeting in Tokyo.

Finally, a discussion took place about how the normative references in Guide 107 can sometimes derail development when standards are near completion. Some members felt that there should be some kind of process in place that includes the mandatory consideration of all IEC Guides by developers when writing standards.

6.6   Advisory Committee on Energy Efficiency (ACEE) and USNC Coordinating Committee on Energy Efficiency (USCCEE)
Dan Manole called in and reported on the ACEE's second meeting in Paris which had a greater number of participants. In addition to the three main tasks outlined in the report, he highlighted the work being done to create an inventory of all standards dealing with energy efficiency as well as the development of a method to classify them. Mr. Malone added that ACEE is looking to have mature guides drafted and ready for comment in 6 months. They are embarking on this ambitious goal to gain credibility within the IEC and prove to the SMB that they have a plan of work. Their next meeting will be in Montreal in September 2014.

6.7   Advisory Committee on Safety (ACOS) and US Safety Coordinating Committee (USSCC)
Larry Farr was to give the report but was not in attendance. Mark Earley informed the TMC that ACOS had not met since the last report to the TMC so there was nothing to add.

6.8   Advisory Committee on Electricity Transmission and Distribution (ACTAD) and US Coordinating Committee on Electricity Transmission and Distribution (USCCTAD)
Joe Koepfinger informed the TMC that he could not deliver his submitted report (**ATTACHMENT E**) due to personal reasons but asked that one of his recommendations be verbally conveyed to the TMC. Mr. Koepfinger wanted to know if there were any organizations that were interested and available to become the TAG Administrator for the new IEC Subcommittee, IEC/SC 8A *Grid Integration of Large-capacity Renewable Energy (RE) Generation*. The USNC originally indicated that it would be a Participating Member, however, it appears there is little or no interest in this SC as no one has asked to participate and no organization has come forward to serve as TAG Administrator. Therefore, the USNC will have to register as a NON-MEMBER of SC 8A.

Mr. Zertuche announced that last ACTAD Meeting was hosted by the USNC and held at ANSI's Offices in New York. The meeting was well attended and considered a success.

6.9   Advisory Committee on Telecommunication (ACTEL) and US Coordinating Committee on Telecommunications (USCCTEL)

Mr. Zertuche informed the Committee that the search for a new USNC Representative for ACTEL was ongoing with the potential candidate still seeking support from his organization to participate.

6.10   SMB Strategic Group #4 – LVDC

Mr. Gettman updated the TMC on SG 4's unchanging situation stating that it is "a technology waiting for more people to implement it". The use of LVDC is sporadic and being used mainly in a niche market. Unfortunately, SG 4 feels that the return on investment for most companies is too long to justify converting their existing infrastructures to accommodate LVDC even though the technology itself is more efficient in terms of converting AC to DC. At their last meeting in Milan, there was a proposal for SG 4 to be "replaced" by an SEG. There was a question asked as to why the members of SG 4 wanted to create an LVDC SEG when they have yet to develop a viable working plan for the Strategic Group. Mr. Gettman responded that by switching to a systems activity more committees might become involved and offer guidance in identifying additional areas of interest which could include renewables, energy storage and broader use of LVDC products. In any case, it is apparent that all involved feel that SG 4 in its current form needs to be disbanded.

6.11   SMB Strategic Group #6 – Electrotechnology for Emobility

Kevin Lippert gave a brief report on the increased activity in SG 6 which has included several teleconferences working toward a process check in June followed by a final report, including their completed roadmap, to the SMB at the Tokyo GM. There will then be a recommendation that their work be transferred into either existing TCs or some new SyC. It was agreed that the substantial amount of standardization work needed in this area should definitely continue as the industry is waiting on it. Mr. Lippert identified his biggest frustration being the continued lack of input and shared motivation after what was an overwhelming amount of initial interest by the various stakeholders.

6.12   Consideration of USNC Positions for the 17 June 2014 SMB Meeting in Frankfurt

Mr. McMillan asked if there were any action items from the Draft Agenda for the 17 June 2014 SMB Meeting in Frankfurt that were not addressed elsewhere in the TMC Meeting. He identified two items of immediate interest which were the creation of the Systems Resource Group (SRG) and the search for a new IEC Technical Officer who will support all the new systems groups. Mr. McMillan added that when these two objectives are met, there would be a call made for systems architects and similar experts in the US to participate in the new SRG. He went on to say that he envisioned an SRG mirror group in the US that would ultimately choose from their ranks an official USNC representative to the IEC SRG. Other agenda items addressed included:

- The new SG 7 on *Electrotechnical Applications of Robot Technologies* whose next meeting is on 3-4 June 2014
- The German NC proposal for a new SEG on Direct Current Applications – more information is needed regarding what this proposed group will deal with that is not being addressed in SG 4
- The CEN/CENELEC plan to charge for liaisons to their activities

All other SMB Agenda items were addressed at other points during in the TMC Meeting.

6.13   Directives Maintenance Team

Mr. Zertuche reported on the last meeting of the DMT which is currently developing a new annex to the IEC Supplement dealing with the rules and procedures for Systems Standardization (**ATTACHMENT F**). Mr. McMillan strongly recommended that the TMC as well as the members of the new Subcommittee on TAG Operating Procedures read the proposed Annex and provide comments to Mr. Zertuche before the SMB Meeting. Jim Matthews identified one issue in the procedures that would need to be addressed dealing with the nomination of Systems Committee Chairs since the IEC Central Office will become the Secretariat for all SyCs. The next meeting of the IEC DMT will be held in London on 3 - 4 December 2014 in conjunction with the JDMT Meeting.

6.14   Status of IEC Project Committee 118
Sam Sciacca led a discussion regarding IEC Project Committee 118's current activities that seem more and more to resemble a standing TC. There is growing concern that PC 118 is starting to exceed its boundaries with their Working Groups' ongoing development of standards. Some in IEC/TC 57 (i.e. WG 21) are growing concerned that PC 118 is duplicating efforts and, as such, impinging on their scope.   The issue is that Project Committees in the IEC were thought to be the same as Technical Committees in structure and function with the difference being that PCs exist only to develop one or perhaps two standards before disbanding. It was discovered, however, that PC 118 is actually set to develop a suite of standards instead of a single standard before being disbanded. Mr. Sciacca hoped that moving forward PC 118 would establish some kind of liaison relationship with TC 57, specifically with WG 21. Mr. McMillan announced that the TMC would reach out to the USNC TAG for PC 118 to present this issue and ask for their feedback and perhaps open up more lines of communication (**ACTION ITEM #3**).

6.15   Report of SMB Ad Hoc Groups
Mr. Matthews briefed the TMC on the current status of the SMB's ad hoc groups:

- **ahG 39: Stakeholder Influence** – Their report is still being digested and will be acted on soon
- **ahG 40: TC to TC Communications** – This group's recommendations are still under consideration
- **ahG 41: New Technologies** – There is an effort underway within the Group to build a bridge with those in research and academia, most likely with some kind of webpage
- **ahG 49: Industry 4.0** – The German National Committee are looking at aspects of "smart manufacturing" and what standards will be needed for the factory of the future
- **ahG 50: Meeting Space Bank** – They are working on correspondence activities, a couple of policy questions will have to be addressed, the bank as a resource for Secretaries to plan meetings
- **ahG 51: Reporting of TCs to the SMB** – The goal of this group, whose members were drawn from NCs, TCs and SCs, is to simplify the work of the Secretaries; the first round of review has been completed and they are now looking at what to cut and what to keep
- **ahG 52: Data Security / Privacy** – This was created from a recommendation out of SG 5/SEG 3 AAL to deal with the numerous data privacy issues facing the IEC
- **ahG 53: New SEG on Micro Grid** – Chinese NC developed a proposal for a new SEG and so this now being investigated

Section 7 – Management and Communication Items
7.1   Reports from TAs/Secretaries in Attendance - IEC/TC 26 Electric Welding
Frank Stupczy, Technical Advisor for the TAG to TC 26, gave a report on the structure and work of his Committee (**ATTACHMENT G**).   Among the highlights were:

- Current technical topics
    - Energy efficiency
    - Idle power
    - Alternate power source
    - EMF (Electromagnetic Fields)
- Challenges
    - project leadership is a problem due to personnel changes at work place
    - need more participation and input from the IEC Membership

7.2   ADVAMED Relinquishment of Two USNC TAG Administratorships
The Advanced Medical Technology Association (AdvaMed) announced that it is relinquishing its assignments as the TAG Administrator for the following USNC Technical Advisory Groups:

- IEC/TC 62 – Electrical Equipment in Medical Practice
- IEC/SC 62A – Common Aspects of Electrical Equipment Used in Medical Practice

For these relinquished TAGs, there were two candidates vying for the role of TAG Administrator: AAMI and CSA. Mr. McMillan allowed a representative from each of these two organizations five minutes to outline why their organizations should be become the TAG Administrator. He added that the TMC would also need written documentation with the information from the organizations (**ATTACHMENTS H and I**) that would be distributed with an e-ballot for a TMC vote. Calvin Luong of CSA spoke first; followed by Hae Choe of AAMI.

7.3   TMC Vice-Chair
With the reelection of Ken Gettman as TMC Vice-Chair, Mr. McMillan decided to lead a discussion to review and possibly revise the tenure for TMC Vice-Chairs who currently only serve one year terms. The aspects of this topic included the number of years per term, term limits, and whether or not some kind of added responsibility is needed. To this Mr. Gettman recommended that there be two-year terms with some kind of added duties to maintain continuity and provide the individuals with experience that could prepare them for higher leadership roles in the future. Another issue had to do with whether or not the candidate should only be from the TMC or if the pool could be expanded to include people from the rest of the USNC. Mr. McMillan asked that all the comments should be sent to the USNC Office for consideration by the USNC Officers so that a proposal/report could be developed and submitted to the Council (**ACTION ITEM #4**).

7.4   TMC Subcommittee on TAG Operating Procedures
Sonya Bird gave a brief report on the Subcommittee, including updates on:
- The upcoming distribution of the newly approved Model Operating Procedures
- The approval of the Terms of Reference for the new Subcommittee
- The call for new members to the Subcommittee including any submissions for a new Chair.

7.5   Call for TAs, IEC Secretaries, TAG Secretaries and USNC Non-Memberships
Mr. Zertuche showed the TMC the various USNC/IEC positions that need to be filled for upcoming terms as well as opportunities for new USNC membership in various TCs/SCs. Regarding the number of TAs needed, he specifically gave updates on the following TAGs:

- TC 1 – NEMA will become the TAG Administrator
- TC 5 – Candidate in talks with TAG
- TC 8A – Recommending Non-Membership for USNC
- TC 21 - Candidate in talks with TAG
- TC 51 – TA is retiring
- TC 99 – IEEE has relinquished TAG Administratorship
- TC 121 – Ken Gettman will become the TA

7.6   Group Manager Assignments
Mr. Zertuche informed the group that due to recent changes in the membership of the USNC's management bodies, the TMC has lost a few Members. If these positions are not filled relatively quickly, their assignments will have to be distributed amongst the other GMs. Currently, Alec McMillan, as the TMC Chair, fulfills their responsibilities and will do so until new GMs are found or the TAGs get redistributed.

Section 8 - Technical and/or Policy Issues for Consideration
8.1   IEC Leadership Elections
The terms of office of three elected members of the Standardization Management Board (SMB) will expire on 31 December 2014. They are:

- Canada – Mr. Keith Rodel
- Korea – Mr. Myoung-Jae Shin
- Spain – Mr. Francisco Javier Garcia Diaz

Messer's Rodel and Shin, who will have completed two terms, are not eligible for re-election. Mr. Garcia will have completed his first term and is therefore eligible, if he is again nominated, to stand for re-election for one further term (2015-2017). Mr. Zertuche informed the TMC that the Canadian National Committee had decided against running for an SMB position and would instead concentrate on promoting their CAB candidate for election. He added that the Mexican National Committee would be submitting a nominee for one of the open SMB positions. The US also received requests from both South Korea and South Africa to nominate them for the SMB.
The TMC agreed to recommend to the USNC Council that the USNC nominate MEXICO, SOUTH KOREA and SOUTH AFRICA for the SMB.

8.2   Task Force on Database of Adoption/Use/Reference of IEC Standards in the US
Jodi Haasz reported that the Task Force had yet to meet but that the USNC Staff was in the process of gathering the necessary information for the group to begin. As soon as the data is received, the Task Force will meet and begin its work.

Section 9 – Forum of the IEC National Committees of the Americas Meeting (FINCA)
Mr. Piqueira briefed the TMC on the activities currently underway in the planning of the next FINCA meeting which will be held in Santiago, Chile on 16-17 October of 2014. Both the US and Chilean NCs will be in communication to develop the agenda for the meeting as well as the workshops that will accompany it. Mr. Zertuche added that the COPANT-FINCA MoU was signed by Joe Bhatia, representing COPANT and Rafael Nava who represented FINCA at the COPANT General Assembly in Havana, Cuba.

Section 10 - Future Meeting Dates
The following meeting dates for 2014 and beyond are:

Monday – Friday, 22 - 26 September 2014
IEC/SEG 1 *Smart Cities* Meeting
Grid IQ Center, Atlanta, GA

Tuesday – Thursday, 30 September - 2 October 2014
CAPCC/TMC/Council
TIA, Arlington, VA

Thursday - Friday, 16 - 17 October 2014
FINCA Meeting
Santiago, Chile

78th IEC General Meeting Tokyo, Japan
10 – 14 November 2014
- SMB Monday, 10 November
- CAB Monday, 10 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

Tuesday – Thursday, 2 – 4 December 2014
DMT/JDMT Meetings
London, England

2015
79th IEC General Meeting
Belarus

2016
80th IEC General Meeting
Frankfurt, 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
United Arab Emirates (UAE)

2022
86th IEC General Meeting
USA

Section 11 – Summary of Action Items
Action Item #1
2014-05-01   **A McMillan**
It was decided that some kind of alternative or supplemental proposal should be advanced to improve the current IEC balloting process. Mr. McMillan asked that the TMC submit any and all comments to improve the NWIP procedures to a new Task Group that will develop a proposal which will be submitted to the TMC by their September 2014 Meeting. The Group is to be convened by Alec McMillan with the following members:
•   Steve Swanson
•   Megan Girton
•   David Vasko
•   Bill Lawrence
•   Bob Kretschmann
•   Ken Gettman
•   Ed Mikoski

Action Item #2
2014-05-01   **T Zertuche**
Mr. McMillan decided that a budget should be developed for review by the TMC to determine whether or
not the USNC should support hosting the SEG 1 meeting in the US

Action Item #3
2014-05-01   **A McMillan**
It was announced that the TMC would reach out to the USNC TAG for PC 118 to discuss its current
activities and the growing concern that it might be exceeding its scope and ask for their feedback in the
hopes of opening up more lines of communication.

Action Item #4
2014-05-01   **USNC Office**
Mr. McMillan asked the TMC to review all aspects of the position of TMC Vice-Chair which includes
issues of term duration, term limits, added responsibility and whether or not candidates must be TMC
Members. All input should be sent to the USNC Office for consideration by the USNC Officers so that a
proposal/report could be developed and submitted to the Council.

Section 12 – Adjournment
Alec McMillan thanked the guests of the meeting for attending and presenting and the TMC thanked
Rockwell Automation for hosting the meeting which was adjourned at 3:45 PM EDT.

Respectfully submitted:
Tony Zertuche
Deputy General Secretary USNC
23 June 2014