USNC/TMC 603
23 July 2009

MINUTES
USNC TECHNICAL MANAGEMENT COMMITTEE MEETING

IEEE
445 Hoes Lane
Piscataway, NJ

Tuesday, 19 May 2009
(9:00am – 4:00pm)
(Meeting # 27)

Members Participating  USNC Position  Affiliation
R A Williams (Chairman) (PT *)  USNC VP Technical  UL
K E Gettman (Vice Chairman)  Member  NEMA
J G Abbot  Member  Philips Healthcare
S Bird  Member  UL
W Bowman  Member  Star Associates Int’l (ECCB)
T de Courcelle  Member  IEEE
W T Fiske  Member  Intertek Testing Services
M Hayes  Member  CEA
D N Heirman  Member  Don HEIRMAN Consultants
K Sullivan  Supervisor, USNC Dept  ANSI
T Zertuche  Deputy GS USNC  ANSI
C T Zegers  Gen. Sec USNC  ANSI
Guests Participating

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<tr>
<th>Name</th>
<th>Role / Organization</th>
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<tr>
<td>R Adapa (PT *)</td>
<td>TA – TC 115 EPRI</td>
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<tr>
<td>J Baronas (PT *)</td>
<td>TA – TC 100 Sony Electronics</td>
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<td>C P (Sandy) Butterfield (PT)</td>
<td>Chair – TC 88 NREL</td>
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<td>M Chau (PT *)</td>
<td>IEC-CIGRE Coord. Group AEP</td>
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<td>G Eckhart (PT *)</td>
<td>TAG Ad – COPANT 151/152 NEMA</td>
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<td>J Freudenberg</td>
<td>NEMA Int’l &amp; Regional Std Hypertherm, Inc.</td>
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<td>J Haasz</td>
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<td>F K Kitzantides</td>
<td>Member – Council – IEC VP NEMA</td>
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<td>J L Koepfinger (PT *)</td>
<td>USNC Rep. SB1 Koepfinger Consultants</td>
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<td>J E Matthews</td>
<td>USNC President Corning</td>
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<td>A McMillan (PT)</td>
<td>USNC VP Finance Rockwell Automation</td>
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<td>J K Olthoff</td>
<td>Member – Council NIST</td>
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<td>S H Salot, Jr.</td>
<td>Council Member ECCB</td>
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<td>A B Scolnik</td>
<td>Member – Council NEMA</td>
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<td>J Sheldon</td>
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<td>R F Silletti</td>
<td>Member – Council IBM</td>
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<td>J E Sterling (PT)</td>
<td>Member – Council Intertek Testing Services</td>
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<td>J Wells (PT)</td>
<td>Member – Council Pass &amp; Seymour/Legrand</td>
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Members Not Participating

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<tr>
<td>A P Brazauski</td>
<td>Member UL</td>
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<td>W F Hanrahan</td>
<td>Member EIA/ECA</td>
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<td>T A Hanson</td>
<td>Member Corning, Inc.</td>
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<td>B Liebler</td>
<td>Member AdvaMed</td>
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<td>T M Nguyen</td>
<td>Member Therm-O-Disk</td>
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<td>F Otieno</td>
<td>Member TIA</td>
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<td>J C Powell</td>
<td>Member Agilent Technologies</td>
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<td>R H Reimer</td>
<td>Member Rockwell Automation</td>
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<td>C Robinson</td>
<td>Member ISA</td>
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<td>J J Woodworth</td>
<td>Member Arrester Works (Cooper)</td>
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<td>E M Yandek</td>
<td>Member GE Lighting / NEMA</td>
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(PT – Part Time)
(* - By Teleconference)

Section 1 Organizational Matters

1.1 Welcome, Opening Remarks and Introductions

Mr. Gettman called the meeting to order at 9:00 a.m. He welcomed the TMC membership and guests to Piscataway, NJ and expressed sincere appreciation to IEEE and Ms. Terry de Courcelle and Ms Jodi Haasz for providing the facilities and hospitality for this meeting.

At this point, Mr Bob Williams, and his wife Shari, joined the meeting by teleconference to say hello, to report on his condition and on his plans for the future. Bob is targeting to return to the TMC for its September meeting. He still has several months of therapy ahead of him but is doing
well and anxious to get back. The membership wished him well and demonstrated their feelings with loud and sustained applause.

This was followed by self-introductions.

1.2 Recipients – 1906 Award for 2009

Mr Gettman announced the 23 US Recipients of the IEC 1906 Award which is meant to acknowledge Experts who have contributed in an exceptional way to the technical work of IEC. The Awards will be presented at the Council meeting in September to as many of the Recipients who can attend to accept their Awards. (ATTACHMENT A)

1.3 Lack of a Quorum

Mr Gettman reported that due to a lack of a quorum, all TMC decisions from today’s meeting will have to be confirmed by E-Mail ballot subsequently.

1.4 Approval of Agenda

1.4.1 Approval of the Consent Agenda

The Chairman called attention to the Consent Agenda (USNC/TMC 581 – REVISED) and asked if any items should be removed for detailed discussion. None were suggested.

VOTED #1 To approve the Consent Agenda (USNC/TMC 581 – REVISED).
(This motion was approved unanimously.)

By this action the following items were approved:

- Minutes of the 28 January 2009 meeting (USNC/TMC 580)
- The following appointments/reappointments were noted:
  
  Vance Anderson  
  TA –TC 107
  
  David W Arnett  
  TA –CISPR/I
  
  Howard O Barikmo  
  Secretary – TC 82
  
  Jean Baronas  
  TA – TC 100
  
  Albert P Brazauski  
  Secretary –TC 108
  
  Shane M Clary  
  DTA –TC 79
  
  Michael G Comber  
  Secretary –TC 37
  
  Jerome E Dennis  
  TA –TC 76
  
  Ed Dobrowolski  
  DTA –TC 57
  
  Mark E Earley  
  TA –TC 79
  
  William R Finley  
  TA –TC 2
  
  John A Gauthier  
  Secretary – TC 15
  
  Anthony Hardaway  
  TA –SC 59D
  
  G Erich Heberlein, Jr  
  Co-TA –SC 17D
  
  William Larzelere  
  TA –TC 42
  
  Michael E Loch  
  TA –TC 111
  
  Richard F Lyke  
  TA –TC 68
James E Matthews, III  TA – TC 86
Michael O’Boyle  TA – SC 34D
Richard L Pescatore  TA – TC 108
Randy Pohl  TA – TC 94
Ralph M Showers, Ph.D.  TA – TC 1, CISPR/F
Daniel L Stewart  TA – SC 22G
Timothy Strickland  DTA – TC 80
Steven E Swanson  TA – SC 86B
J Duane Tobbe  TA – SC 59A
James R Tomaseski  TA – TC 78
Michael P Unterweger  TA – TC 45, SC 45B
William F Walter  TA – SC 61D
Matthew B Williams  TA – TC 59, SC 59K
Hillary H Woehrle  Secretary – SC 62A
Howard Wolfman  TA – SC 34C
Jonathan J Woodworth  TA – TC 37
James R Wright  TA – TC 109
Kurt Zipp  TA – TC 40

• The following Invitations to host IEC TC meetings in the U.S. were noted:
  SC 32C – Miniature Fuses, 9 – 10 September 2009, UL HQ, Northbrook, IL
  TC 14 – Power Transformers, 19 – 20 November 2009, NEMA HQ, Rosslyn, VA

• The following CERTIFICATES OF APPRECIATION were approved:
  Robert G Bartheld  TA – TC 2
  J Thomas Chapin, Ph.D.  Chair – TC 113
  Thomas A Hanson  TA – SC 86A, Member – TMC
  Ben Wiant  USNC Rep – SMB SG #1

1.4.2 Balance of the Agenda
Mr. Gettman 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 581 – REVISED). (This motion was approved unanimously.)
Section 2 – Status of Action Items from Last Meetings
(C T Zegers)

2.1 Action Item 2008-01-16 #3 If TMC concurs Mr. Heirman and the General Secretary will finalize this document (re Role of Group Managers) and make it available to the USNC’s constituency as a guidance document. There were no objections to this course of action.

Status: Messrs Heirman and Zegers are working to have this Action Item completed by the next TMC meeting.

2.2 Action Item 2008-10-28 #4 Mr. Williams proposed that the IEC document on the SMB Standardization Strategy (AC/18/2008) be sent out to the USNC Task Force on Strategic Objective 4 for recommendations and subsequent report to the TMC. USNC Strategic Objective 4 relates to the SMB Standardization Strategy.

Status: This item will be discussed during today’s meeting.

2.3 Action Item 2009-01-28 #1 ISO/IEC MOU on Automotive Electronics be circulated to the TMC for comments and input on how it should be improved.

Status: To be considered at today’s meeting.

2.4 Action Item 2009-01-28 #2 Dr. Abbott’s comments on the Draft Joint TMB/SMB Market Relevance Task Force Recommendations would be submitted to the SMB/DMT for consideration.

Status: Was incorporated in the USNC comments.

2.5 Action Item 2009-01-28 #3 Charlie Zegers is to draft a proposal to the SMB with the suggestion for the creation of a new IEC award for TC/SC Officers, Chairs and Secretaries.

Status: To be considered at today’s meeting.
2.6 Action Item
R Lourenço
2009-01-28 #4

Rafa Lourenço is to circulate the text of Mr. Gettman’s ad hoc group to
the TMC for approval. If the TMC does not have any major issues the
group will be disbanded.

Status: Action Item accomplished.

Section 3 – Dialogue with Jack Sheldon, IEC Strategic Development Manager
(J Sheldon)

Mr Jack Sheldon has IEC Staff responsibility for the Standardization Management Board and also for
the Market Strategy Board. In the past, he has had primary responsibility for maintenance of the
ISO/IEC Directives. The USNC constituency was invited to suggest topics for Mr Sheldon to
discuss and was given an opportunity to ask questions of him. Mr Sheldon expressed his appreciation
for this opportunity to visit with the USNC TMC and he dialogues with the TMC on the following:

• IEC Collaborative Tools available to USNC TAGs
  Mr Sheldon provided a brief historical perspective on the development of the IEC
  Collaborative Tool which is currently in use by quite a few WGs and has now been offered to
  IEC National Committees for administering their mirror committees (TAGs). During
  last year’s TAG Administrators’ Workshop Ms Azar Tahbazian, of the IEC Central Office,
  made a presentation on this tool and it was agreed that a trial program, with the USNC TAGs
  for TC 86, TC 111 and TC 113, would be initiated to assess the value added of this
  system.

  Mr Zegers noted that there are several challenges that must be addressed before this
  program can be accepted for use in the US.

  1) All USNC TAGs currently have their own systems and would have to change to the
     IEC Collaborative Tool if that was decided.

  2) In the past, this is a decision that would be made by each TAG Administrator and not
     by the USNC Council or TMC as a whole. If value is demonstrated the USNC
     management would then have to decide if a decision can and should be made across
     the board.

  3) Currently, ANSI has an integrated data base system that serves both ISO and IEC
     needs. In addition, the USNC invoices its constituency the TAG Participation Fee and
     has to control the data for this purpose. This Collaborative Tool may require IEC to
     become the repository of the data and not ANSI and this is a problem.

  4) There are currently no guidance documents available from the IEC Central Office to
     help “sell” this program. To-date everything has been by “work-of-mouth.” Mr
     Matthews noted that he and Elaina Finger of Corning have developed a PowerPoint
     Program to address this need.
• TC/SC Structure

Over the years there have been many attempts, on the part of the SMB, to address this issue and it usually happens when one TC begins to step on the scope of another TC and someone say, “We have to do something about this!” The most recent SMB efforts folded its tent at the SMB meeting in Korea. However, it was reported and Mr Sheldon confirmed, that consideration was being given to hiring a outside consultant to study the subject of the TC/SC structure and to make recommendations to the SMB.

• System Standardization

Here too it was noted that the SMB has tried, over the years, to truly implement the system approach to standardization agreeing that it would take a change in mind set for this effort to become effective. Horizontal TCs have objected that product TCs refuse to come to the table and cooperate. Product TCs have criticized systems TCs for not listening to their needs. During discussion, it was suggested that there are a number of issues that require mind set changes and IEC has to do a better job of getting the guidance into the hands of the constituency and the standard writing level.

Another such issue has to do with how independent WGs are in conducting their work program without interference or direction from the parent TC or SC.

With respect to System Standardization, Mr Zegers noted that this was to be the theme of a future issue of USNC News & Notes and also might be the theme of the IEC General Meeting in Seattle in 2010.

• Issuance of new templates for IEC Forms

Mr Zegers noted that many of the USNC constituency down load the various forms they need in the course of IEC work to their own computers and then find out that IEC has up-dated the form when their contribution is returned for failure to use the current form. During discussion, it was agreed that the IEC Central Office had to advise the constituency of changes to forms and, in fact, these changes should be held to a minimum and only done once a year, possibly in conjunction with the issuance of the up-dated ISO/IEC Directives.

Mr Zegers called attention to a related problem that has to do with the responses required particularly on New Work Item Proposals. When documents were circulated in paper, it was clear that National Committees has several questions to answer beyond a simple yes and no vote. The Directives call out several additional questions that must be responded to but only Mary Johnson, in the USNC Office, sees these questions when she submits the USNC’s vote. In the past, the Central Office was asked to include this information on the cover of drafts so that all recipients would know what was required of them. Mr Sheldon took note of this request.

• Handling of inquiries received by the Central Office

Mr Sheldon noted that long standing policy is that inquiries received at the IEC Central Office are routinely sent to the National Committee of the inquirer for handling.
• Handling of allegations of copyright infringement

During discussion, it was suggested that there are certain types of inquires, e.g. allegations of copyright infringement or restraint of trade, which, because of their serious nature, should be handled by the IEC Central Office, possible with the support of the related National Committee. These potentially relate to serious, legal issues and should not be left to the responsibilities of a single National Committee to address. Mr Sheldon expressed the belief that such issues should be handled at least initially by the related National Committee which could then refer the issue to the Central Office.

• Why is a Q document used for voting?

According to tradition, when an SC wishes to nominate a candidate for SC Chair, the Secretariat issues a Questionnaire to the TC membership asking them to vote on the proposed candidate. This practice has caused some problems because, very often, people do not give a Questionnaire the same level of seriousness as a Voting Document and, in fact, at the SMB level a vote for a TC Chair will be processed as a Question of Principle. Why the difference particularly when people may misinterpret the seriousness of the subject being raised? Mr Sheldon suggested that this is the way it’s always been done, therefore, there is little reason to change.

3.1 Conducting WG/MT Meetings by Conference Call or WebEx

Mr Ken Gettman broached the subject of conducting WG/MT meetings by Conference Call or WebEx or some other commercially available system. He noted that given the consideration of time zones of participants, extended meetings would be difficult but relatively small agendas could reasonably be handled by 2 or 3 hours meetings at significantly reduced expenses for the participants and the host. A program to facilitate such real-time collaboration would be something that IEC should be considering, and this could even help improve the efficiency of the system since participants wouldn’t need to be so concerned about multi-day travel and being out of the office for extended periods.

Mr Sheldon provided a brief history of the efforts that the IEC Central Office has initiated in the past in order to assess the available options. Several TCs, including Jim Matthews’ TC 86, engages in trial programs and these were marginally successful. Among the problems noted were:

• Unacceptable conditions dictated by the system provider
• Time zone issues
• Software differences on the part of the participants
• Behavioral issues on the part of the participants
• Mr Matthews noted difficulties for participants who don’t have English as their mother tongue.

During discussion, the following suggestions were raised:

• Bundle or cluster meetings to facilitate participation
• Make meeting notices more readily available so groups can decide to cluster meetings
• Shorten meetings and break up agendas into more manageable portions
• IEC should Make available to the its constituency a guidance document that lays out the subject of electronic meetings and reports on the techniques that have been tried and have been successful and those that have failed. Make available best practices and “horror
stories” by way of helping others not to reinvent the wheel. Mr Zegers was asked to help generate this information for the USNC. (ACTION ITEM #1)

- Suggest that Mr Sheldon add this subject to the TC/SC Secretaries Forum for Tel Aviv.

Section 4 – Standardization Management Board (SMB) 9 June 2009, Geneva, Switzerland
(K E Gettman/J E Matthews/C T Zegers)

4.1 – SMB Strategic Group#1 – Energy Efficiency

USNC Alternate:  Jean Baronas
(Sony Electronics, Inc.)
(TA – USNC TAG IEC TC 100)

Ms Baronas provided a written report on the activities of SMB SG #1 (ATTACHMENT B). She also called attention to document SMB/3970/R, SG 1’s Recommendations 13 – 20 and provided a brief report on the recommended USNC positions developed with the help of the related USNC electronic TAG. (ATTACHMENT C) In summary the recommended USNC positions were as follows:

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<tr>
<td>#13</td>
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<tr>
<td>#14</td>
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<td>#20</td>
<td>Oppose</td>
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During discussion, some questioned why the USNC was opposed to 5 out of the 8 Recommendations at the same time that the related international TCs seemed to support those Recommendations. Some suggested that the rationale resulted because of different regulations in different countries and also possibly because the subject Recommendations had to do with conformity assessment in standards.

Ms Barons reported that SG #1 has now issued 6 more Recommendations, 21 – 26, and she agreed to prepare a document for review by the USNC Electronic TAG and others.

Finally, Mr Zegers reported that Mr Ben Wiant, primary USNC representative to SG #1 had resigned and an effort is underway to find his replacement. With Ms Baronas continuing as Alternate with expertise in Power Use, we are looking for someone with expertise in Power Generation. Anyone interested was invited to contact the General Secretary.

A new Work Item Proposal on Energy Efficiency and Renewable Energy Sources-Common International Terminology for ISO and IEC, was circulated to the TMC (USNC/TMC 574) and to Council (C/1559/DV) for vote. The TMC is invited to recommend whether the USNC should support the proposal. If the TMC decides to support the proposal it is also invited to vote to endorse Ms. Jean Baronas as the USNC Representative to that group.
4.2 – UHV and HVDC Standardization

Under this general topic a number of subjects were addressed:

a) IEC – CIGRE Coordination Group on UHV Standardization

Mr. Max Chau of American Electric Power., who is the USNC Representative in the IEC – CIGRE Group, joined the meeting via conference call. He gave a brief report on the latest developments of IEC-CIGRE Coordination group and noted that the next, and likely last, meeting has been scheduled for late August in Stockholm. (ATTACHMENT D)

b) Sector Board 1- Electricity Transmission and Distribution

Mr. Koepfinger provided a brief report on SB 1 and other related topics. (ATTACHMENT E) There was a substantive discussion of the Korean issue with TC 8 concerning the declassification of 220V as an IEC Standard Voltage. The next meeting of SB 1 is scheduled for 1 September 2009 in Stockholm and because of the proximity to Labor Day it is unlikely that the USNC will be represented.

c) IEC Strategic Group #2 on UHV

General Secretary’s Note: Dr Albert Keri of American Electric Power has been appointed as the USNC Representative to SMB SG #2 but, due to the economic situation, he was unable to attend the 1st meeting on 25 – 26 March 2009 in Stockholm.

d) Establishment of IEC TC 115

Dr. Ram Adapa, EPRI, TA for the USNC TAG for TC 115, joined the meeting for a brief time by teleconference. He was unable to attend the 1st meeting of the TC in Beijing on 22 – 23 May 2009 also due to the economic situation. Dr Adapa did note that he attended the 2nd IEC – CIGRE International Symposium on International Standards for Ultra High Voltage (UHV) Transmission held in New Delhi, India in January 2009. A related article was published in the USNC News and Notes, Vol. 4 No. 1, April 2009 issue.

4.3 Request SMB Support for TC 88 61400-22 Certification Standard

(C P (Sandy) Butterfield

Sandy Butterfield, DTA and recently appointed international Chair of TC 88 – Wind Turbines, addressed the TMC on the TC’s request for SMB to approve TS61400-22 (Wind Turbines – Part 22: Conformity Testing and Certification of Wind Turbines) as an international standard in light of recent revisions of the ISO/IEC Directives. In addition, he provided a brief status report on the activities of IEC/TC 88. (ATTACHMENT F)

After some discussion, it was moved, seconded and

VOTED #3 That the USNC TMC supports TC 88 in its request to the SMB to convert Technical Report 61400-22 into an International Standard (This motion was approved unanimously.)
Mr. Gettman called attention to the official agenda for the 9 June 2009 meeting in Geneva (SMB/3990/DA) and indicated that document USNC/TMC 584 records the USNC’s positions as they evolve. Messrs Matthews and Zegers will be attending this SMB meeting.

Concentrating on Questions of Principle and other documents on which the USNC has yet to vote, Mr Zegers reviewed each item. USNC positions were developed where needed based on the comments received from the membership.

The following items were highlighted:

- **TC/SC Reports** – The SMB now requires its membership to vote on TC/SC Reports and particularly on Question of Principle which may accompany such Reports. The USNC constituency is asked to review these documents and assure the USNC Office of their support and their recommended vote. They are advised that if their input is not received by a specific date an affirmative vote will be submitted. Unfortunately, all too many of the USNC constituency are taking advantage of this “escape clause” and NOT COMMENTING. Group Managers are being asked to encourage their assigned TAs and TAGs to get involved in this process.

- **Canadian Proposal for the development of exposure limits in EMF measurement standards by several TCs (SMB/3979/DC)** – Messrs Heirman, Gettman and Dr Abbott collaborated within the last two weeks to develop the USNC comments on this document which were submitted on 2009-05-15. Mr Heirman provided a brief explanation.

- **French versions of documents (SMB/3999/DP)** – It was agreed that the USNC would support this proposal.

- **How do voluntary standards support government regulations? (AC/12/2009)** – Mr Zegers noted that the USNC response to this question is being drafted with input from Mr Bernie Liebler and Dr John Abbott for the FDA, Mr Don Heirman for the FCC, and Ms Megan Hayes for the EPA. In addition, it has been suggested that consideration be giving to developing this into a USNC guidance document. During, discussion it was agreed that consideration might be given to adding the National Electrical Code to the USNC response.

- **SMB SG 2: SMB Strategic Group #2 on Ultra High Voltage (UHV) (SMB/3996/R)** – Mr Zegers noted that Dr Albert Keri of American Electric Power, USNC Representative, was unable to attend the 1st meeting of this Group on 25 – 26 March 2009 in Stockholm. Mr Koepfinger has taken exception to a statement made in this report suggesting that SG 2 will define UHV as being voltages greater than 600 kV. He provided a rationale that could be the basis for the USNC’s position on this subject and TMC agreed.

- **SMB Task Force on Batteries and Battery Chargers (100/1508A/DC – Ms Megan Hayes reported** the USNC TAG’s was in the process of developing its position on this document and this was imminent. She noted that there was a potential conflict with an approved American National Standard.
• Swedish Proposal to set up an SMB Strategic Group on LVDC distribution systems up to 1500 DC in relation to energy efficiency (SMB/3946/DC, SMB/4007/DP, SMB/4007A/DP) – Mr Zegers reported that the comments that have been received to-date suggest that this proposal is not complete and does not adequately define the scope of the subject. After discussion, it was agreed that it could be supported in principle but should be opposed without better definition of the areas to be covered.

• Review of Advisory Committees’ Terms of Reference (SMB/3982/DC) – Mr Zegers noted that comments had been received on this document from Mr Heirman and Dr Radasky (ACEC), Mr Brazauski (ACOS) and Mr Loch (ACEA) plus a number of other contacts. The primary concern had to do with the number of members of ACEC. Mr Kitzantides indicated that this effort was an attempt to make these Terms of Reference as uniform as possible. After some discussion it was agreed that the USNC should seek an exception for ACEC so that its membership could remain at 20. Further, it was agreed that an Action Item would be given to Messrs Heirman, Brazauski, Loch and Zegers to draft the USNC official position on this document. (ACTION ITEM #2)

• Joint ACOS/ACEA Task Force on external small flame ignition problem (SMB/3994/R) – After some discussion, it was agreed that the USNC should support this Report and Recommendation.

• ISO TS/P 208 Criteria on the methods for calculating and evaluating the economic benefits of electricity saving measures – After some discussion, it was agreed that the USNC would work to have this project withdrawn and, if that does not happen, the USNC would work to have the project transferred to IEC.

4.5 Elections

• Three SMB Members – Australia, China, Sweden (Terms 2010 – 2012) (C/1569/DC)
  It was reported that these 3 NCs are up for re-election and other nominations have been invited. At their request, the USNC has nominated China and Mexico but many others are anticipated. Once the candidates are known, the TMC will be invited to make recommendations to the USNC Council and the President who will vote during the IEC Council meeting in Tel Aviv.

• Four CAB Members – Brazil, China, Republic of Korea, United Kingdom (Terms 2010 – 2012) (C/1570/DC)

4.6 IEA Workshop on Energy Efficiency, Paris

Mr Frank Kitzantides provided a brief report on the International Energy Agency (IEA), ISO and IEC International Workshop on International Standards to Promote Energy Efficiency and Reduce Carbon Emissions. This event took place in Paris on 16 – 17 March 2009 and some 300 delegates from around the world attended. (AC/11/2009) In conjunction with this event, meetings took place of SMB SG #1 and the Joint ISO and IEC Strategic Groups on energy efficiency.
4.7 **MoU on Automotive Electronics** (SMB/3983/DC)

Mr Zegers reported that the comments that have been received to-date suggest the need to add additional TCs/SCs to the MoU, e.g. SC 23H, SC 37A, SC 37B, TC 91, TC 111 and CISPR/D. During discussion, the subject of automobile plugs for electric vehicles was raised and the following options were suggested 1) request TC 69 to address the issue or 2) establish a Strategic Group to do so.

4.8 **SMB Standardization Strategy**

Mr Kitzantides called attention to the implementation plan for the SMB Standardization Strategy (SMB/3868A/DC) and he highlighted several of the issues which he will be discussing with the SMB in an effort to answer how to implement some of the goals of the plan, e.g. how do NCs attract Experts and how do they encourage consumers to participate in standards development. Korea and Germany have been asked to provide their perspective on the 1st topic at the June SMB meeting.

4.9 **Any USNC Recommendations for New Technologies for IEC Standardization**

Mr Gettman encouraged the membership to consider the subject of new areas for IEC standardization. If any suggestions do come to mind, they should be made known to the General Secretary.

4.10 **USNC Study Group on IEC Global Relevance Policy Related to Plugs/Sockets, AWGs and Pre-Selection of Plastics Materials**

Mr Matthews pointed to several significant successes in the area of Global Relevance. An IEC Global Relevance Policy has been issued as Administrative Circular AC/17/2008. In addition, a Toolbox of techniques to foster global relevance in standards has been issued and is available for use by TCs/SCs. Unfortunately, in the areas of plugs & sockets, AWGs and pre-selection of plastics materials, the goal of global relevance is still not a reality. It should be noted that a meeting of US Experts on SC 23B and /C was held on Thursday, 19 February 2009 at La Guardia Airport, NYC, for the expressed purpose of considering this subject and the various options that present themselves. Mr Wells reported briefly on this meeting and the consideration given to pursuing a Publicly Available Specification (PAS) as possibly a less onerous approach. In the end the TAGs decided to pursue traditional activities within the SCs and if these are not successful to launch a formal appeal.

Brief status reports were also provided on the areas of AWGs and Pre-selection and Mr Matthews noted that the USNC Study Group was on hold while several of these issues evolve further. If and when necessary the Group will be called back into action to consider what options the USNC might pursue. He noted that one very positive recent event was the appointment of Mr Keith Rodel of Hubbell Canada as President of the Canadian National Committee. Mr Rodel is very close to the global relevance subject and should be a great asset to this work.
4.11 Joint IEC SMB and ISO TMB Meetings

The 1st joint meeting of representatives of the ISO/TMB and IEC/SMB took place in 2006, the 2nd in June 2007 and the 3rd in June 2008, all in Geneva. The 4th Joint Meeting is scheduled for 8 June also in Geneva. Mr Kitzantides reported that the meeting will address the following issues:

- the joint ISO-IEC automotive MOU
- the economic slowdown which may be affecting the availability of experts in the technical work
- progress reports from ISO SAG-E and IEC SG 1 on EE
- the Chinese proposal to ISO on criteria for calculating and evaluating the economic benefits of electricity saving measures (ISO TS/P 208)

Mr Kitzantides expressed the belief that the contentious issues between ISO and IEC are becoming less and less.

Prior to the joint meeting the SMB CAG will meet and Jim Matthews has been invited to attend.

4.12 Draft Joint TMB/SMB Market Relevance Task Force Recommendations

Mr Zegers called attention to document SMB/3975/DP – Revised ISO/IEC JDCT Task Force on Market Relevance Recommendations. He noted that the USNC had submitted its approval of this document and also its strong negative position on the supplemental question having to do with the possible cancellation of a project if its WG participation falls below the required minimum number of Experts. Mr Steven Cornish, ANSI's member on the ISO TMB and Convener of this Task Force is recommending that a trial program with a relatively small number of TCs be implemented to assess these recommendations prior to their being written into the ISO/IEC Directives. It was recommended that the USNC support this proposal.

4.13 Possible USNC Proposal for IEC Recognition of TC/SC Management

Mr Zegers reminded the members that at the January 2009 TMC meeting, it was noted that currently the IEC has two basic award programs, the prestigious Lord Kelvin Award and the 1906 Award to recognize outstanding contributions by TC/SC Experts. There is no award to recognize the significant contributions made by TC/SC Officers, Chairs and Secretaries and it was agreed that there should be. Mr Zegers was given the task of drafting the criteria for such an award and that draft is circulated as document USNC/TMC 569. (ATTACHMENT G) During discussion, the following suggested changes to the draft were proposed and accepted:

- In order to maintain a distinction between this award and the Lord Kelvin Award, it was suggested this award be in SILVER rather than GOLD.
- Considering the Lord Kelvin for lifetime achievement it was suggested that this award be for current achievement in technical management of TCs/SCs

It was moved, seconded and
VOTED #4 To approve the Draft Criteria and Selection Process for the IEC David Flanders TC/SC Management Award (USNC/TMC 569) dated 5 May 2009 with the two revisions approved during this meeting. (This motion was approved unanimously.)

4.14 Draft Proposal on Uniform ISO and IEC Database on National Adoption of Standards

Mr Zegers reminded the members that ISO and IEC both have databases to capture information on the adoption of their standards as national standards. ISO’s system is based on its 5 yearly review of standards and the data provided by its Member Bodies in answer to a series of questions. ISO asks if a country has adopted an ISO Standard, identically or modified, and, if not, what standard is used for that area. IEC’s database asks about standards adopted identically or modified by its National Committees but, currently, does not ask of other standards are being used in the absence of national adoption. The purpose of this proposal is to encourage both ISO and IEC to establish a common database that captures both nationally adopted ISO and IEC standards and those in use. At its most recent meeting in Hobart, Australia, the Pacific Area Standards Congress (PASC) passed a resolution asking ISO and IEC to adopt a common database. (ATTACHMENT H) To assist ISO and IEC in this effort, Messrs Cornish and Zegers developed a proposal that suggested a process designed to accomplish this goal. (ATTACHMENT I) After some discussion, that proposal was approved for submission to the SMB Staff.

Section 5 – Management Decisions

5.1 List of TCs/SCs on which the USNC is a NON-MEMBER

Mr. Gettman called attention to the list of 18 TCs/SCs on which the USNC has no P-Membership. He encouraged TMC Members to review the list carefully and to make suggestions of contacts that might be approached about becoming actively involved in establishing a USNC TAG for these IEC Committees.

5.1.1 Re-activation of IEC/TC 5 – Steam Turbines

Mr Zegers reported that the USNC Office has been approached by several contacts that were interested in the possible reactivation of IEC/TC 5 which has, of late, been in Stand-By. The current international Secretary of the TC is scheduled to visit the US in an effort to encourage contacts to participate in this re-activation. The Secretary of IEC/TC 4, from Canada and retired from GE, is working to develop interest within GE. Ben Wiant of Siemens has expressed interest. An announcement has been published in ANSI Standards Action inviting those interested to contact the General Secretary. Before the USNC can take Participating Membership, a TAG Administrator must be assigned, a TA appointed and a TAG of at least 3 Voting Members established of all material interests. Things are happening in TC 5 but we’re not there yet.

5.2 TMC Task Force on Revision of the TAG Model Operating Procedures.

Messrs Gettman and Zegers provided brief status reports on the TAG Model Operating Procedures Verification Process. TAG Secretaries have been asked to respond by 29 May was to whether or not their TAGs will use the revised Model or submit their own Procedures which are as stringent as the Model. Approximately 15 TAGs have responded to-date but there appears to be some misunderstanding of some of the requirements. These will have to be resolved. TAGs have been asked to provide evidence that the TAG has endorsed the Model. They have also been asked to provide the definition of quorum that they use. These requirements, in a number of cases, have not been submitted.
Mr Matthews noted that Mr Tom Hanson had taken early retirement from Corning and, therefore, would not be available to Chair this Task Force. Mr Zegers indicated that this group will be asked, along with the Group Managers, to review the unique Procedures to assess their equivalency to the Model. He invited TMC members to volunteer for this work and Ms Sonya Bird did so.

5.3 TAG Leadership Workshop

Ms. Megan Hayes, Chair of the USNC TAG Leadership Workshop, highlighted the following:

- The 4th Workshop, now called “USNC TAG Leadership Workshop,” is actively being planned by the USNC Communications and Continuing Education Committee.

- The possibility exists for two, duplicate programs to be scheduled, one in the Washington, DC area and the other in the mid-West or West Coast in order to encourage a broader constituency to attend.

- The focus has been broadened from just TAG Secretaries to TAG Leadership, TAs, DTAs and others.

- The program will consist of presentations of interest to all and break-out sessions on specific topics.

- Consideration is being given to possibly holding the Workshop in conjunction with the Instructor Led Course, possibly next year.

- One of the topics to be covered will be a detailed look at the changes to the Model Procedures.

- Consideration is being given to scheduling the Workshop in conjunction with the September meetings of the TMC and Council.

5.4 Cooperative Activities Among 3 IEC CA Systems

Messrs Matthews/McMillan provided a brief report on the current efforts to revise the Terms of Reference of the CAB Policy Coordination Committee and invited discussion on Mr Bill Fiske’s suggestion for increased cooperation activities among the 3 IEC Conformity Assessment Systems.

5.5 Group Managers Asked to Review HOD Reports

Mr Zegers reminded the TMC that the Head of every USNC delegation to an IEC TC/SC meeting is asked to complete and return to the USNC Office a Head of Delegation Report. These Reports are used for a variety of purposes. For example:

- To report results of a TC/SC meeting to the cognizant TAG(s), to industrial sponsors, to trade associations, to professional societies, to government, to employers, etc.
- To advise other TAGs of work of potential interest.
- To broadly publicize the work of the TC/SC to the related USNC constituency via the USNC News and Notes, ANSI On-Line, or other media.
• To suggest areas for possible development of featured articles.
• To address specific challenges and concerns that the HOD may wish to bring to the attention of USNC management.

In the past, one member of the Communications and Continuing Education Committee was assigned to review all HOD reports, along with Staff, and to call attention to possible issues for further publicity. At its 18 February 2009 meeting, the Committee agreed that, on a trial basis, the TMC’s assigned Group Managers would be asked to take on this responsibility. They would be sent HOD reports from their assigned TAGs and they will be asked to advise Staff of items or issues that might conceivably be expanded into article or announcements. The hope is that by spreading this responsibility over a number of people it can be made more effective and fruitful.

This proposal was circulated to the TMC by E-Mail and all were supportive of its implementation. Messrs Heirman and Zegers indicated that they would include this item in their presentation on the role of GMs.

5.6 2009 ANSI Award Program

Mr Gettman called attention to the document outlining the 2009 ANSI Award Program, nominations for which are due to the ANSI Awards Committee by 17 July. If USNC endorsement is desired, nominations should be sent to Mr Zegers ASAP so they can be reviewed by the Nominations Committee and submitted to the USNC Council for approval.

Section 6 Report on Smart Grid

Mr Al Scolnik, NEMA and USNC Council Member, reminded the TMC that at the January 2009 TMC meeting in San Diego, a decision was made to assign NEMA the responsibility of establishing a TAG to provide advice and counsel to the USNC Representatives on SMB Strategic Group #3 on Smart Grid. Subsequently, based on the USNC’s recommendation, Mr Richard Schromberg was appointed by the SMB as Convener of SG #3 and Mr Ken Caird of GE (Representative) and Mr Gary Rickliffe of ABB (Alternate) were officially appointed as the USNC’s representatives. SG #3 held its first meeting in Paris on 29 – 30 April 2009. In the meantime, NEMA has organized the USNC TAG and its first meeting was held the week of 14 April. (ATTACHMENT J) Mr Scolnik noted that consideration is being given to inviting SG #3 to hold its 2nd meeting in the US, possible at NIST.

Dr James K Olthoff, Deputy Director, Electronics and Electrical Engineering Laboratory, NIST and a member of the USNC Council, provided an overview of NIST’s activities in the area of Smart Grid. (ATTACHMENT K)

Section 7 Technical and/or Policy Issues for Consideration

7.1 – USNC Objective #4 – Develop a Comprehensive Standards Strategy

Mr Zegers called attention to USNC Objective #4 – Develop a Comprehensive Standards Strategy and the specific tactic that states as follows:

Work with the National Standards Accreditation Bodies (SCC, DGN (NICE/ANCE), and ANSI) to develop a single process for adopting IEC Standards as national and regional Standards
Ms Sonya Bird discussed this item in greater detail and offered a specific proposal designed to accomplish this goal if adopted by Canada, Mexico and the US. (ATTACHMENT L) It was agreed that this proposal would be submitted to the Canadian and Mexican National Committees for consideration during the next Tri-National meeting/teleconference. It was moved, seconded and

VOTED #5 To endorse the proposal submitted by Ms Sonya Bird to Work with the National Standards Accreditation Bodies (SCC, DGN (NICE/ANCE), and ANSI to develop a single process for adopting IEC Standards as national and regional standards. (This motion was approved unanimously.)

7.2 Tri-National Initiatives Canada, Mexico, and USA.

Mr Zegers noted that, for a variety of reasons including changes in personnel and higher priorities, the regular dialogue among Canada, Mexico and the US has fallen off and needs to be reestablished. An effort is underway to find a convenient date for either a face-to-face or, at least, a teleconference among the 3 National Committees. A primary goal will be to refocus on the 4 Strategic Objectives that were endorsed some time ago. They are as follows:

#1 – Provide Leadership in IEC Management Activities (J E Matthews)

#2 – Develop and maintain an effective communication program to further the objectives of the IEC NCs of Canada, Mexico and US (To Be Determined)

#3 – Develop comprehensive standards strategy for the electrotechnical sector (R A Williams)

#4 – Develop comprehensive conformity assessment strategy for the IEC sector (S H Salot, Jr)

7.3 Forum of the IEC National Committees of the Americas (FINCA)

Messrs Matthews and Zegers reminded the TMC that the USNC hosted the last meeting of the Forum of the IEC National Committees of the Americas in Atlanta, GA on 6 – 7 October 2008, the following can be reported. It was a very successful event, resulting in the signing of official Terms of Reference for FINCA. The following items were highlighted:

- An IEC Workshop was held in conjunction with the COPANT Annual Meeting, 11 – 15 May 2009 in Santo Domingo, Dominican Republic. The Workshop was held on 11 May and consisted of two sessions, one on communications and training chaired by Mr Matthews and the other on conformity assessment chaired by Mr Mario Wittner of Argentina. Ms Joan Sterling, Intertek, Council Member, was a panelist in the 2nd Session. It was announced that Chile may become a Full IEC Member by the end of 2009. FINCA has decided the COPANT is an important venue for networking and future IEC related events will be hosted. Mexico is considering inviting COPANT for its 2010 meeting.

- The Secretaries of the 5 Full NCs met via teleconference on 21 January 2009 along with Mr Amaury Santos, Manager, IEC Latin America Regional Center, to develop an Action Plan to build recognition of IEC in the Region and for maximizing the effectiveness of the Associate and Affiliate Programs. The recommendations resulting from this teleconference are provided as ATTACHMENT M.
7.4 USNC Policy on Electronic Council/TMC Meetings

Mr Gettman reported that the USNC TMC and Council have had long standing rules against members calling in to a meeting for the entire meeting. The attitude has been that providing reports or teleconferencing in for a brief portion of a meeting is doable but NOT for the entire meeting. However, with the current economic situation and some members not being able to attend in person, some have suggested that this policy be reexamined and, in fact, consideration be given to planning one or more electronic meetings each year. Such meetings were held around the time of 9/11 but that was considered an emergency situation and technology has changed considerably since then. If an electronic TMC and/or Council meeting were to be held in 2010, the agendas would have to be more focused and shorter with meetings lasting no more than a ½ day, possibly over a two day period. This subject is also being brought to the attention of the Council and a formal proposal will be developed for the September meetings.

Section 8 COPANT Technical Committees

Mr. Gene Eckhart, NEMA, current Chair of the ANSI Regional Standing Committee – Americas, provided a report on COPANT TCs 151/152. (ATTACHMENT N) He reported that while there was not a lot of activity currently going on in either of these TCs, the area of motors has caused some interest of late. He reminded the TMC that he reported at the last meeting that there was some discussion on the possibility of disbanding TCs 151 and 152. However, this is a very political sensitive situation with Mexico chairing TC 151 and Brazil chairing TC 152. Mr Matthews noted that at the FINCA Workshop in the Dominican Republic, Mexico raised the possibility of converting TC 151 into a communications center piece for the Americas. In other words, rather than disbanding it, make it the center of IEC communications for the region. Obviously, this proposal will also be on the Tri-National agenda for the next meeting/teleconference.

Section 9 U.S. Hosted IEC General Meeting - 2010 Seattle, WA

Mr Matthews provided a brief report on plans for the U.S. hosted IEC General Meeting in 2010 in Seattle, WA. He updated the TMC on the current list of sponsors and their categories and on the list of TCs/SCs to be invited to meet at what will be the largest IEC GM ever. Currently 71 TCs/SCs have been invited to meet and 19 are on hold pending the generation of sufficient financial support. No additional TCs/SCs will be added to the 71 unless they are fully funded and, in addition, those already invited are being encouraged to push for full funding. No Committee will be dis-invited but full funding is expected. Some 2400 delegates plus accompanying persons are expected. One of the primary themes of the event will be TC/SC Networking.

Section 10 Reports TAs, Secretaries, IEC Advisory Committees and Sector Boards

10.1 Advisory Committee on Environmental Aspects (ACEA) and USNC Coordinating Committee on Natural Environmental Aspects (USCCENV)

Mr. Rob Friedman provided a written report. (ATTACHMENT O)
10.2 Advisory Committee on Electromagnetic Compatibility (ACEC) US Coordinating Committee on EMC

Mr Don Heirman, U.S. Representative on ACEC, provided a written report. (ATTACHMENT P) He highlighted a current discussion underway in the SMB, ACEC, TC 77 and CISPR having to do with Alternate Test Methods.

10.3 Advisory Committee on Safety (ACOS) and US Safety Coordinating Committee (USSCC)

It was reported that Mr Al Brazauski, Chair of the USSCC and one of the USNC Members on ACOS, was currently attending the ACOS Workshop IX in Milan. The theme is “Risk Assessment in IEC Safety Standardization Work Supporting Regulations.”

Mr Larry Farr, TC 17 and another USNC Rep on ACOS, provided a written report. (ATTACHMENT Q)

10.4 Sector Board 3 – Industrial Automation Systems

No activity to report.

10.5 Sector Board 4 – Infrastructure of Telecommunications Networks

Dr Michael Komfort, one of the USNC reps to Sector Board 4 provided a written report. (ATTACHMENT R)

Section 10 – Future Meeting Dates

Mr Zegers called attention to the fact that the next scheduled meetings of the TMC and Council are Wednesday/Thursday, 9 – 10 September 2009 in the Washington, DC area. Labor Day is Monday, 7 September. It has been suggested that the TAG Leadership Workshop be held in conjunction with these two meetings in order to cluster our events and make it easier for members to attend. The Council will decide, at its 20 May meeting, whether or not the TMC and Council meetings will remain as planned and the Workshop be held the week of 1 September or if all three meetings should be scheduled on 1, 2 and 3 September.

General Secretary’s Note: Via a Council straw vote, it was decided to schedule the TMC on 1 September, the Council on 2 September and the Workshop on 3 September.

The following meeting dates for were confirmed:

2009

Tuesday, 1 September 2009, TMC CEA, Arlington, VA
Wednesday, 2 September 2009, Council CEA, Arlington, VA
Thursday, 3 September 2009, Workshop CEA, Arlington, VA
Sunday/Friday, 18 – 23 October 2009
73rd IEC General Meeting, Tel Aviv, Israel
Sunday, 18 October 2009 – SMB
Monday, 19 October 2009 – CAB
Tuesday, 20 October 2009 – CB
Thursday, 22 October 2009 - Council

2010

Wednesday, 10 February 2010 – SMB, Geneva

Monday, 7 June 2010 – CAB, Geneva
Tuesday, 8 June 2010 – SMB, Geneva
Thursday, 10 June 2010 – CB, Geneva

Wednesday/Friday, 6 – 15 October 2010
74th IEC General meeting, Seattle, WA, USA
Monday, 11 October 2010 – SMB
Tuesday, 12 October 2010 – CAB
Thursday, 14 October 2010 – CB
Friday, 15 October 2010 – Council

2011

Wednesday, 9 February 2011 – SMB, Geneva

Thursday, 9 June 2011 – SMB, Stockholm, Sweden

Monday, 24 October 2011 – SMB, Melbourne, Australia (75th IEC General Meeting)

Section 11 – Summary of Action Items

Action Item
2009-05-19 #1 C T Zegers
IEC should Make available to the its constituency a guidance document that lays out the subject of electronic meetings and reports on the techniques that have been tried and have been successful and those that have failed. Make available best practices and “horror stories” by way of helping others not to reinvent the wheel. Mr Zegers was asked to help generate this information for the USNC.

Action Item
2009-05-19 #2 D Heirman/A Brazauski/M Loch/ C Zegers
Further, it was agreed that an Action Item would be given to Messrs Heirman, Brazauski, Loch and Zegers to draft the USNC official position on this document. (ACTION ITEM #2)

Section 12 – Adjournment

The meeting was adjourned at 4:03 p.m.

Respectfully submitted;
Charles T Zegers
General Secretary USNC
23 July 2009