

MINUTES OF THE Aerospace Nuclear Science and Technology (TG) MEETING
AMERICAN NUCLEAR SOCIETY
Omni Shoreham Hotel, Washington, D.C.
Sunday, November 13, 2005, 10am – 12pm

- 1. Call to Order (Pablo Rubiolo / Shannon Bragg-Sitton)**
Introductions were made.

Members Present:

T. K. Larson , Idaho National Laboratory
William J. Carmack, Idaho National Laboratory, Secretary
Robert Singleterry, NASA, LaRC
Heather MacLean, Sandia National Laboratory
George Miley, Univ. of Illinois
Pablo R. Rubiolo, Westinghouse Co.
Michael L. Zerkle, Bechtel Bettis Inc.
Kathryn A. McCarthy, Idaho National Laboratory
Paul Kollath-Romano, Rensselaer Polytechnic Institute
Joe Fricano, RPI
Eric Pace, RPI
Heather MacLean, Sandia National Laboratory
George Miley, Univ. of Illinois
Mary Lou Gougar, INL/Idaho State University
Rian Bahran, Rensselaer Polytechnic Institute
Eric Pace, Rensselaer Polytechnic Institute
Eric Alderson, Rensselaer Polytechnic Institute
Bruce Schnitzler, Idaho National Laboratory
Andrew C. Kadak, MIT
Tom Jordan, EMPC
Blair P. Bromley, AECL

The following are participating by phone conference:
Shannon Bragg-Stitton, NASA-MSFC, Chair
Eric Alderson, UW-Madison
Dion Sunderland, Anatech Inc.

- a. Review and approve of agenda.
A motion to approve the agenda passed.

- b. Approve June 2005 minutes.
A motion to approve the minutes passed.

- 2. Bylaws and Rules Development (Shannon Bragg-Sitton)**
a. Presentation of draft bylaws (document sent to list).

ANS wants us to approve the national bylaws, but there were issues presented by some parties. The national model bylaws for divisions are being revised to allow executive committee members to have 4 year terms (with officers having 1-2 year terms) and to allow students to have voting privileges within a division's executive committee. The proposed changes allow students to hold officer positions with the exception of the chair and vice chair positions. As a division we need to come back with feedback by end of January and they want them in place by June.

- b. Discussion of variations from current standard bylaws.

ANS wants to make some changes to the bylaws. Our first bylaws need to be approved by our membership in a voting process. There is still more feedback to the Bylaws committee. The model bylaws will be discussed at a board meeting in March for final approval; these are targeted to be sent out for approval by June.

c. Vote if quorum present.

It was motion, seconded and passed that the current version of the bylaws be approved pending approval of finals by email; the final division bylaws will incorporate the final revisions from ANS HQ.

3. Professional Division Progress (Shannon Bragg-Sitton)

Shannon gave a status of the ANST TG going to a full division. The 5.3 Procedures were presented and key topics were discussed. Dion asked for a membership list so that he can work cooperation with other societies.

Action: Shannon will check on the availability of the list.

Action: Dion has action to coordinate cooperation with TMS.

4. Embedded Topical Wrap-up – SNC'05 (Shannon Bragg-Sitton)

- a. Calculation of proceeds to ANST
- b. 353 SNC CDs distributed
- c. 98 full length papers (\$30/paper x 98 papers → \$2940 est. income)

Heated discussion on this topic.

Action: Jon will bring this up at the Profession Divisions Committee meeting on Tuesday night.

5. Technical Program (Tom Larson)

- a. Washington, DC, Nov 2005 – no sessions
- b. Reno, NV, June 2006
- c. Albuquerque, NM, Nov 2006
- d. Boston, MA, June 2007 – Possible SNC'07?
- e. 5 year plan development?
- f. Coordinated meetings with AIAA (Jon and George) and TMS (Dion)

6. Treasurer's Report (Robert Singleterry)

- a. 2006 budget
 - i. Student meeting support - \$50 best paper award, voting deferred from June 2005

Robert presented the treasurer's report. (Current \$1066 in the bank)

Motioned and approved to provide \$450 to the student conference, 200 for travel reimbursement and 250 for best paper to be Graduate and Undergraduate, 1st and 2nd.

Details: 2 Graduate awards: \$75 / \$50

2 Undergraduate awards: \$75 / \$50

7. Nominating Committee (Shannon Bragg-Sitton)

- a. Presentation of 2006 ballot – Ballot was presented and discussed.
- b. Vote on ballot for 2006 elections

Shannon took action to clarify the rules for officer/Excom terms. ExCom members can serve 2 consecutive terms.

Motioned and approved to accept the current as proposed ballot for 2006 election.

Officers:

Jon Carmack, Vice-Chair

Leo Bobek, Secretary

Robert Singleterry, Treasurer

ExCom

Heather MacLean
 Melissa VanDyke
 Dion Sunderland
 Tom Larson
 Shaun Tarves (later withdrawn due to change in career focus)

8. Electronic Communications (Shannon Bragg-Sitton)
 - a. Website status (Shaun Tarves)
 - i. New site (once made live) – <http://anst.ans.org> - **Target go-live: November 28.**
 - ii. Plan for maintaining up to date info on the web (ALL)

ACTION: Please send requested information to Shannon and Shaun by November 25.
 - iii. Establishing a discussion forum (Dion Sunderland)
 - b. Conduction of business via ANST ExCom list

Website: <http://www.anst.ans.org/index2.html>

Discussion and any comments needed to Shannon by end of Nov. 25th, 2005 week.

9. Newsletter (Robert Singleterry)
 - a. Status and plan forward.
 - b. Monthly *short* newsletter proposal by Dion Sunderland.

Newsletter format was discussed. Shorter format of something through the ANST website. Shannon has action to contact the ANS coordinator (Johnny) on what we can and cannot do (WIKI). Shannon still does not want to drop the newsletter. Shorter newsletter ideas needed. Current status on the state of space nuclear programs would be nice to give to the membership. Blair Bromely (AECL) has volunteered to act as a newsletter editor. (bromleyb@aecl.ca).

10. ANS HQ / Professional Divisions Updates, etc. (Pablo Rubiolo)
 - a. Report from PD Workshop (Pablo Rubiolo)
 - b. Report to provide at PD Committee meeting (Tuesday 4-7pm)
 - i. Discussion on Procedure for Establishing a TG (attached file)
 - ii. Discussion on Procedure for Establishing a Working Group (attached file)

Professional divisions update was given by Pablo. Bylaws. Public Policy Statement needs to be updated. We may want to provide updates by the end of November.

Nuclear security is looking to form a technical group within the ANS and was looking to find out if a TG can form. We do not think that the ANS should support closed, security clearance required groups since the ANS is an open public forum. It has never been a closed forum.

Motion to tell the PDC that we approve the two processes for rules.

Some TGs are not happy with the process and some groups that are currently trying to form.
 Small number (1) of divisions can block the TG formation process.
 Affected division dissention is subjective.

Jon will offer a no vote on these rules because it allows one division to block a formation.

We need to submit an update the ANST strategic plan in the near future.

11. BoD Liaison Report (Kathy McCarthy)

Kathy gave the report. There have been three meetings with the rules being worked and still in progress.

12. Public Policy Updates/Report (Robert Singleterry)**13. Other Business**

a. Student Conference Presentation – RPI

- Needs judges for technical papers, contact Rian Bahrn.
- Needs support
- Website: <http://www.ans.union.rpi.edu/Conference/>
- March 30th – April 1st, 2006

b. Visit by President-Elect Harold MacFarlane

- Strategic planning process has been going forward
- Would like to hear more on the plans for this TG's plan for moving forward to division status.
- Shannon commented that it is on our agenda today to discuss what actions we need to take to further the TG to division status.
- Shannon mentioned that we needed to work the President's meeting with division chairs conflict on Sunday mornings.
- Harold said there is a move underway to restructure the Sunday meeting schedule to put most of the governance meetings on Sunday.

c. Andy Kadak – Presented the Idaho Academic Center of Excellence for Space

- Nuclear Center for Space (director: Steve Howe)
- Organized some kind of initiative for stable funding for space nuclear research. Especially from the academic side of the industry. Steve Howe is now in charge of the CSNR. Would like to suggest that this TG collaborate with the center to help this type of initiative move forward. Robert Singleterry would like to have it be broader than reactor engineering and make sure it includes radiation science and radiation engineering as well as reactor engineering. Robert Singleterry and Shannon Bragg-Sitton volunteered to represent the WG on Andy's initiative from the ANST. Dion Sunderland also volunteered to represent the ANST on this initiative.

d. Robert Busch, UNM, Technical Program Chair for the Albuquerque, Winter 2006.

- Technical Program Sessions are solicited and welcome from the ANST.

e. **Better response and participation by EXCOM members by electronic communications is needed.****14. Adjourn**

New business conducted in the course of the meeting and noted above.

Meeting was adjourned at noon.