

## Minutes of the Meeting

The Acoustical Oceanography (AO) Technical Committee (TC) meeting from the 159th Acoustical Society of America (ASA) Meeting in Baltimore, MD April 19-23, 2010. The meeting was held Tuesday April 20, 2010 from 8:00 PM until 9:30 PM and was chaired by Martin Siderius the Acoustical Oceanography Technical Committee Chair.

- The Chair wanted to clear up any confusion about the recent vote for Chair of Acoustical Oceanography. Previous to Baltimore, Martin Siderius was "Acting Chair" since AO Chair Jim Miller had been elected to Executive Council and could no longer be a TC Chair. The Acting Chair term ended after the San Antonio Meeting and a vote was then held and Martin Siderius was elected to a three year term as AO Chair.
- Ellen Livingston, Program Manager and Team Lead for Ocean Acoustics at the Office of Naval Research (ONR) made an announcement that she is leaving her position in Ocean Acoustics and will be taking a position at ONR Global in London, UK. Bob Headrick, Program Manager for Ocean Acoustics at ONR announced that he will be the new Team Lead for OA at ONR. It was also announced that Ben Reeder and Kevin Williams will remain at ONR OA as Program Managers.
- Andy Piacsek, the ASA representative from Public Relations, announced a proposal to have a media training for ASA scientists (likely in the form of a special session). He indicated there are two main goals: 1) to raise awareness among ASA researchers, especially the younger ones, of the importance of effectively communicating scientific concepts and results to the general public and 2) to provide resources and perhaps some actual training for interested members to improve their media relations skills. He asked for comments about the relative importance of this topic to AO and there were none. No one in AO spoke up to indicate strong feelings about this proposal either in support or against.
- Recent AO appointments were reviewed: Peter Worcester completed his term on Medals and Awards and the TC gave a round of applause to thank Peter for his efforts. Ross Chapman was announced as the new representative for Medals and Awards and was also thanked with a round of applause. Tony Lyons was thanked by the AO committee for agreeing to continue on the ASA Committee on Standards and Ken Foote for another term on the Membership Committee. The new Technical Committee Members with terms until 2013 were announced along with the existing members with terms to 2012 and 2011.
- The Chair indicated that anyone that wants to be a member of the AO Technical Committee should contact him for more information.
- The Chair reminded AO of the need for volunteers for various duties at ASA meetings such as the Fellows-take-a-student-to-lunch program, student paper judging, and TPOM representatives.
- Thanks were given to the special session organizers for Baltimore: Jennifer Miksis-Olds and Ann Bowles for organizing and chairing, "Acoustics in Polar Environments" (Monday), DJ Tang and David Bradley for organizing and chairing, "Impact of Shallow Water Acoustic Propagation by Linear Internal Waves and Neutrally Buoyant Intrusions" (Thursday). Thanks were also given

to Doug Abraham for agreeing to teach the short course "Array Signal Processing for Sonar". Thanks were given to Altan Turgut for being the Baltimore AO TPOM representative. Thanks were given to Mardi Hastings and Juan Arvelo (General and Technical Chairs for Baltimore).

- The AO student paper awards for the San Antonio Meeting were announced. First Prize to Joseph Senne: "Measurement and modeling of high frequency acoustic channels for a moving source in shallow water". Second Prize to Lora Van Uffelen: "Characterization of deep acoustic shadow zone arrivals". Thanks were given to the judges.
- Future ASA meetings were announced. 160<sup>th</sup> Meeting, November 15-19, 2010, Cancun, Mexico, and it was indicated that AO needs a TPOM representative (June 25,26). (Tony Lyons and Megan Ballard volunteered after the meeting). A reminder of the June 1 deadline for Cancun abstracts was given. The dates for the Seattle, San Diego and Hong Kong meetings were announced.
- The Cancun AO special sessions were announced as well as the co-sponsored special sessions. The AO special sessions are "Acoustics of Fish Schools and Bubble Clouds" and "Remote Sensing with Ambient Noise".
- The recent passing of Van Holliday was announced along with a brief discussion about his contributions to the field. The Chair proposed a memorial session in honor of Van Holliday and this was agreed upon by the committee. The overwhelming majority indicated the San Diego ASA meeting would be the most appropriate venue. Mike Buckingham, Tim Stanton and Kelly Benoit-Bird agreed to co-chair (Kelly agreed by email after the TC meeting).
- The guidelines for organizing a special session was reviewed as a reminder of the responsibilities of session organizers.
- After much (and somewhat painful) discussion on exact wording, the Seattle ASA Special Sessions were finalized. "Ocean Observing Systems: Acoustical Observations and Applications" organized by Brian Dushaw and Tim Duda. "Integrating Ocean and Acoustic Observations with Models" organized by Jim Lynch.
- Proposals for San Diego Special Sessions were discussed. The "Van Holliday Memorial Session" (name may change) was agreed upon and "Acoustics and Oceanography of the Philippine Sea" was proposed by John Colosi.
- A Workshop on "Acoustic Methods for Estimating Fish Populations" was proposed to coincide with the ASA meeting in Seattle. The TC generally indicated this was a good idea and no comments otherwise were offered. It was noted that ASA support would be requested by the Chair.
- David Bradley then made a presentation about the state of research funding in ocean acoustics. He described that in 1998 the ocean acoustics community was successful in restoring stability to ocean acoustics funding at ONR. This was accomplished through a report on the state of funding along with a letters to ONR from the ASA and from the scientists working in ocean acoustics. The funding decline in recent years prompted discussion for a new letter which was drafted by David Bradley and was approved by the ASA Executive Council to be signed by the ASA president. A second letter was drafted by David Bradley to be signed by concerned scientists. This second

letter was circulated at the end of the AO TC meeting for signatures. It was announced that all concerned scientists can sign the letter and should contact David Bradley if interested in signing.

- The updated AO web site was described and the plan to move to a permanent location announced.
- It was announced that JASA is looking for Special Issues of around 10-20 papers. Jim Lynch is in the process of organizing a Special Issue "Ocean Acoustics at Continental Shelfbreaks". The Chair then gave an announcement as a reminder that there are currently eight Associate Editors for JASA related to underwater acoustics. These Associate Editors names were listed.
- Jit Sarkar substituted for James Traer as the AO student representative. He made announcements about student events at the Baltimore meeting.
- A reminder was given to nominate Fellows.
- The Discoveries and Breakthroughs in Science Program was described and information given.
- A reminder was given that the applications for the Medwin Prize in Acoustical Oceanography starts in the spring and the announcement should be out soon after the Baltimore meeting.