

COSMOS
Consortium of Organizations for Strong-Motion Observation Systems

BOARD OF DIRECTORS MEETING

1 May 2008
9:30 PM – 4:00 PM

Earthquake Engineering Research Center
Richmond, California

President Davis called the meeting to order at 9:49 AM.

Roll Call:

Directors present:

Norm Abrahamson
Jim Davis
Doug Dreger
Bill Iwan
John Parrish
Maury Power
Woody Savage

Directors absent:

John Anderson
Farzad Naeim
Jerry Wright
Don Yule

Others Present:

Bob Bachman
Roger Borchardt
Claire Johnson
Tony Shakal (from 11:20 am onward)
Jamie Steidel (by telephone starting at 12:15 pm)

MINUTES OF THE PRIOR MEETING

The minutes from the meeting of November 8, 2007, were reviewed. W. Savage, recorded the minutes at the November 7, 2007, meeting, noted that the Minutes from this meeting need to be amended. At the end of the November meeting, “the Board unanimously approved the proposed role of COSMOS with respect to the Center for Strong-Motion Data (CESMD)”. This omission

should be included in the Minutes of the previous meeting (in the top half of page 4 of November 7 meeting) and part of the Minutes of this meeting.

Savage moved to approve amended minutes and J. Parrish seconded, and they were approved unanimously.

PRESIDENT'S REPORT: J. Davis

J. Davis drew the Board's attention to the President's Report, with special attention to the Committee Reports. Davis commended the careful and thorough work of M. Power and C. Johnson on recommending a course of action to the Finance Committee regarding our reserve funds in safe interest bearing accounts. The Finance Committee has unanimously recommended that the recommendation of Maury and Claire be adopted. This will be discussed later in the meeting.

Davis turned meeting over briefly to Savage to discuss recent new developments for the Bolt Medal. W. Savage reported that the SSA Board of Directors, at their recent Board meeting in Santa Fe, indicated they would like to become joint participants with COSMOS and EERI in selecting and awarding the Bolt Medal to a suitable recipient at each of their annual meetings. Steve Malone, now former chair of the SSA award committee, is the point person for discussions how to involve SSA in the process. They would like this discussion to occur immediately so that it can be presented to the SSA Board Meeting of 13 June. Items that are necessary to work out include: (1) how to coordinate all three organizations to select the recipient of the award; (2) how is the award to be presented, given the current plan of having the award first announced at the COSMOS Annual Meeting in late fall and then at the early spring EERI annual meeting; and (3) how to design the medal and strike a copy in time for presenting it in November. Savage understands that it would be the responsibility of each organization to pay for the awardee to attend each organization's meeting but this understanding needs to be confirmed with the other organizations.

N. Abrahamson moved to accept the inclusion of SSA in the awarding of the Bolt Medal. Parrish seconded. The motion passed unanimously.

Davis suggested that Savage speak with Dinn Brothers (who created the Lifetime Achievement Awards for Iwan and Stepp) to create medal at a reasonable charge. In discussions with both SSA and EERI, it is understood that an integrated plan is necessary to arrange for awarding this medal, and that all candidates must be approved by ALL of the Boards of Directors of the three organizations. Abrahamson queried whether nominations are currently being accepted. Savage said that the plan is to create a group with members from the three organizations to constitute a Nominating Committee, but that does not exist at this point. Davis said that if any Board members from COSMOS had an individual(s) they would like to nominate, that they should contact Savage and copy Davis on the nomination. Davis also requested that Savage prepare an article for the next newsletter discussing the medal, the nomination and selection process and the plan to award the first medal at the November 21, 2008, Annual Meeting.

ACTION ITEM: The Awards Committee will meet within the next two weeks to hammer out these details for presentation at the SSA Board Meeting in June.

ACTION ITEM: Savage to prepare article for next COSMOS Newsletter.

DIRECTOR OF ENGINEERING APPLICATIONS' REPORT: R. Bachman

R. Bachman reported on the November 2007 Technical Session. The program was well received, as was the opportunity for an informal discussion period at the no-host bar. As at the previous Technical Sessions, the program was informative, relevant, and entertaining. The ceiling height of the room was an issue because some participants couldn't see all of the screen during the power point presentations. It is planned that this year's registration fees be the same as 2007 or perhaps a little more, and to again not have an early registration discount. He suggested that we accept credit cards at registration if possible. He proposed that we once again hold the Annual Meeting during the lunch break. This year's program is still under discussion between Bachman and Abrahamson. A possible topic is to continue with the selection of scaling of ground motions for use in site response analysis. Abrahamson noted that the Technical Session has evolved to the point where the participants need to walk away with something directly applicable to practice, so we should consider dealing with how to implement the procedures we've been discussing, pointing to tools with very clear descriptions. Bachman suggested a possible coordination with the PEER Ground Motion Scaling Group, and reiterates that J. Watson-Lamprey is the appropriate person to write up the Proceedings of the previous four meetings. Power noted that there are lots of issues that have yet to be explored. There is the question of time domain characteristics and their significance. Previous focus has been mainly on spectral shape, but we should think about taking it beyond spectral shape. Bachman and Abrahamson agreed to look into different issues and would present a program soon so that we can start advertising.

ACTION ITEM: Johnson will contact Bank of America by June 15, 2008, to set up facility for COSMOS to accept credit cards.

ACTION ITEM: Johnson will secure a location for the next Board Meeting and Technical Session to be held on November 20 and 21, 2008, respectively, ASAP.

Bachman noted that COSMOS had significant representation at the EERI meeting at the closing session in 2007 and at the 2008 meeting where COSMOS hosted a special session with presentations by Iwan, Abrahamson, Anderson, and Bachman.

Bachman submitted a proposal for code changes regarding instrumentation in buildings but was unsuccessful because of the refusal to incorporate unmandated and unfunded requirements this in the code. He will attempt to submit the code change as an Appendix. SEAOC also had a similar proposal that was not accepted for the same reason. It is believed that there is a higher probability of passage if it is proposed as a non-mandatory appendix.

Parrish noted that the 2009 EERI Annual Meeting will be in UTAH in conjunction with Western States Seismic Policy Council, and suggested that COSMOS consider holding the next Board

meeting at that time as well, in addition to hosting a booth. Davis had reservations, noting that it is difficult to break away from the regular EERI agenda, resulting in a shorter Board meeting, on the order of three hours. He suggested that we explore the possibility of having a mutually agreeable date in advance or following the EERI meeting so that we could have an uninterrupted meeting. Bachman suggested that we take advantage of this opportunity and have abbreviated meeting, focusing only on, say, committee activities, with a more prolonged meeting later in the spring. Parrish suggested having an interactive booth, appealing to the scientists and the engineers attending EERI. Parrish suggested to Johnson to contact Patty Sutch at WSSPC for information.

Bachman asked that there be a change in the way he bills his time to COSMOS. We have developed an invoice that addresses CGS's billing criteria in support of the committee work. Bachman's current professional rate is \$250/hour. He has a discount rate with FEMA for ATC project work that is \$150/hour while his current rate with COSMOS is \$62.50/hour. He proposed changing his rate to \$150/hour so that it is in line with the FEMA rate. This will not result in an increased amount in billings for his time, but we can bill CGS at a rate that is consistent with his rate for other government sponsored not for profit organizations. Work not covered by the paid invoices he would do pro-bono. Davis noted that he had discussed this issue with CGS, and they have approved this change. We are looking for another contractual arrangement with CGS by 8/31/08. Bachman stressed the need to move the committee work along to charge for any expenses incurred by the committees and Bachman and Johnson's time in this regard.

Parrish moved to accept the DEA's Report, Savage seconded. The motion passed unanimously.

TREASURER'S REPORT: M. Power

Power referred to the 2007 Budget (see Attachment 1 of the Treasurer's Report). It remains unchanged as adopted by the Board at last spring's Board Meeting. The highlight in the 2007 Profit and Loss versus Budget (see Attachment 2) was that there was overall income loss for the year of \$3900, whereas the budget projected a loss of about \$1000.

- Less activity than anticipated on contracted projects with NSF and PEER, which reduced overhead income received by COSMOS.
- Postponement of some project activity and costs to 2008 from 2007.
- Reduction in membership income reflecting a gap in CGS funding due to changes in contracting arrangements and unpaid dues from two institutional members.
- Costs less than anticipated for COSMOS committees, working groups, and publications.
- Increased COSMOS costs for Office Manager salary due to increase in salary and changes in funding sources.

ACTION ITEM: Parrish agreed to review and pass on a letter from him to one of the Institutional Members who had not paid dues to rejoin COSMOS and to call the former director of that institution and ask him to contact the new director as well on behalf of COSMOS. Parrish is also tasked to call the head of the second institution and suggest payment as well.

The Financial Review for 2007 by the COSMOS accountants is contained in Attachment 4. There is nothing unusual to report. The breakdown of expenses and income from the 2007 Technical Session is contained in Attachment 5. There is roughly a \$2000 deficit between event costs and income from registration. Parrish suggested that we offer the option of booths to help offset the cost of the Technical Session, suggesting contacting companies like Kinemetrics. Bachman also noted that a minor increase in registration fees could also make up the difference.

The issue of increased hours for Office Manager Johnson was brought to the table by Power. Power suggested that Johnson could update the COSMOS website, which is currently out of date. Davis noted that Johnson has been taking classes at U.C. for the purpose of working on the website. Parrish noted that it might be more cost effective to have an outside entity keep the site updated. It was decided that the Finance Committee will continue to discuss this issue.

ACTION ITEM – Johnson will itemize tasks necessary to improving and maintaining the website by June 30, 2008, for presentation to the Finance Committee at its next meeting.

The next item raised by Power was the investment of our cash reserve funds. Per the request of the Board at the last meeting, the \$30,000 was removed from an under-paying CD and \$100,000 was put in a special rate liquid CD at 4.4%. This was done in November 2007. Power and Johnson evaluated other institutions that would give COSMOS the best combination of rate of return and increased safety, including Wells Fargo, Vanguard, and Schwab. Charles Schwab best fit those objectives. Power and Johnson recommended putting three-fourths of the funds in a CD, which is FDIC-insured, and the balance of the kept in a money market at 2.6% interest, but only SIPC insured. Power noted that the plan to invest COSMOS' reserve funds in Schwab was met with approval by COSMOS' Accountant and was recommended by the COSMOS Finance Committee.

Parrish moved that the Board concur with Finance Committee Recommendation. The motion was seconded by Abrahamson and was passed unanimously.

ACTION ITEM: Power and Johnson will transfer funds per the Finance Committee's recommendation. Funds will be transferred by July 15, 2008.

Power called for the adoption of the revised 2008 budget (see Attachment 8). Page four of the Treasurer's narrative indicates which items have changed significantly. Contained in this budget is a revised amount for producing the Recording Processing Workshop Proceedings at a significant savings. Even with the anticipated support of the COSMOS committees, we are anticipating \$2200 net income for 2008.

Parrish moved that the Board accept the revised 2008 budget as presented by the treasurer. The motion was seconded by Iwan and was passed unanimously.

CHAIR OF THE GENERAL MEMBERSHIP REPORT: R. Borchardt

R. Borchardt reported that the Technical Sessions hosted by COSMOS are highly regarded by the membership, and notes that Bachman and Abrahamson are due special praise. The subject matter is extremely relevant, with an important impact on the field of both engineering and seismology. He stressed that formal Proceedings of the Technical Sessions are often requested, and believes it critical to advertise widely to reach the EERI, SEAOC, and SSA audience. In response to a question from Iwan, Bachman noted that the Technical Sessions have broad representation from both leaders in the community and up and coming researchers like Jack Baker; he believes that a third of the participants are from the academic community. Abrahamson added that 80% of them are engineers. Iwan suggested that on some future date the Technical Session be held in southern California. Bachman noted that many of the speakers are from the Bay Area and COSMOS does not have to reimburse them for their expenses if it's held in northern California.

Borchardt emphasized that it's important to continue to emphasize COSMOS' role for advocating instrumentation for purposes of earthquake engineering. Communicating the need for strong-motion instrumentation is critical. If we broadened the membership base, then COSMOS could communicate this need for instrumentation to be located in the built environment and in the near-field of seismic sources. COSMOS should promote a more encompassing definition of "strong-motion." It means different things to different people. Davis concurred and emphasized the need for broader communication with the technical community, policy makers, and the general public. This would involve more timely publication of the newsletter and a great web presence.

Borchardt noted that the SAFER cities initiative is still in operation. There has been an additional request from the Polytechnic Engineering College in India for instruments. They are requesting a strong-motion recorder to be set up in conjunction with their weather station. The Advisory Committee concurs that this is a worthwhile request and all that remains is to clarify with the requestor that they are responsible for the shipping costs of these instruments. Requests in limbo include Mongolia, Tajikistan and Pakistan, as the original submitters are not following up with the appropriate paperwork.

CENTER FOR EARTHQUAKE STRONG-MOTION DATA: John Parrish

In January 2008, the Center for Earthquake Strong-Motion Data (CESMD) began functioning both online and from a business perspective. The name was changed to broaden the appeal, so that it isn't perceived of as a purely an U.S. entity. This is a 100% cooperative effort between USGS and CGS, with redundancy at both Menlo and Sacramento. There is a signed agreement between two agencies.

At the top is the Center Management Group (CMG), comprised of two members from USGS and two members from CGS. They are advised by Advisory Committee (AC) composed of six members, three selected by USGS and three selected by CGS. The members of the AC have been selected and are, Farzad Naeim, Charlie Kircher, Sharon Wood, Art Frankel, Y. Hashash, and Y.-B. Tsai. It is seen that COSMOS would play a role in the Working Group (WG), which advises the AC, which in turn advises the CMG. Chaired by a member of COSMOS selected by the COSMOS of Directors and populated by individuals nominated by the CMG, the WG will be tasked to look at strong-motion issues and make recommendations to the Advisory Committee for practicality of implementation. Whereas the AC is composed of members that have been selected by the two agencies, the WG should give independent analysis to the AC, which the CMG sees as coming out of the COSMOS committee work. There is a need to establish the WG ASAP. COSMOS should nominate a chairperson, who will work with the CMG to establish the membership of the WG. There is no limitation on the numbers of members of the WG. The Chair of the WG is a non-voting member of the Advisory Committee. The general question was asked, what happens if the WG is not in agreement with the AC? Parrish said that he is not certain.

Iwan pointed out that the WG would have more influence if it reported directly to the CMG as opposed to reporting to the AC first and have their recommendations then filtered to the CMG. Davis agreed and asked that this change in structure be proposed to the CMG as soon as possible. Abrahamson asked who sets the tasks for the WG. Parrish responded that it is envisioned as being both self-generated and also acting in response to queries sent by the CMG. Davis noted that it is critical that there be close communication between these groups in order for priorities to be established. Iwan requested more clarification of the role that the AC plays in the structure. Parrish said that AC recommends to the CMG what policies should be implemented. It is not congressionally approved—the AC has no fiscal responsibility. Davis requested that all minutes from the AC meetings be forward to COSMOS. Abrahamson asked who is funding the WG and questioned its mandate because no tasks are yet established. Davis noted that many of the issues that will be considered are relevant to charges already being undertaken by the COSMOS Committees and also related to the CGS contract with COSMOS. Therefore this matter needs to be expedited. Davis asked that COSMOS identify a Chair for the WG ASAP and have that person work with the COSMOS President and DEA on behalf of the Board of Directors to suggest that the WG report directly to the CMG and to work with the CMG to prioritize the CESMD advisory needs that might be considered by the WG. This will give focus to the chairperson of the WG in the needed short term.

Davis asked Steidl for statistics on the VDC. J. Steidl reported that despite the shift to the CESMD, the number of requests at the VDC remain constant compared to the previous year. He will send hard numbers after the meeting. Davis asked Steidl if in his opinion there has been a sustained volume of activity in file downloading that the data downloaded after the transition to the CESMD compared to the levels prior to the transfer. Steidl indicated there had been a sustained volume.

Parrish noted that the success of the CESMD has been due to the hard work by Menlo and Sacramento, with many strong-motion recordings up on the Internet within a couple of hours after the earthquake. There are plans to automate those announcements and incorporate regional networks, whose quality CGS can vouch for. Davis asked if the ANSS regional networks are

incorporated into the data retrieval for this center at this present time? Parrish said yes, for the most part. Borchardt noted that some of the networks have different objectives; some of the Illinois data is not useable because of sampling rates. Steidl asked if these were USGS records and Borchardt noted that they were USGS supported. Davis asked Borchardt if he saw COSMOS playing a role in convincing the regional networks to increase the sampling rate. Borchardt noted that higher sampling rates use more bandwidth, which is more expensive and some of their equipment is also not set up for that. Consensus of group was that COSMOS should play a role in communicating with the strong motion recording network community on different needs, like issue of sampling rates. Davis noted this would be a perfect opportunity for the COSMOS WG to be the neutral party. Davis also noted that COSMOS should provide input to the CMG as soon as possible, and Savage agreed, saying it would be helpful to the CMG if there was a person of contact. Davis said that such an appointment would be done by electronic communication.

Abrahamson asked who selects the member of the WG? Parrish replied that it is up to the WG itself to nominate its members, but members have to be approved by the CMG, which currently consists of Parrish, Shakal, Bill Leith, and Savage.

ACTION ITEM: Davis asked that Abrahamson (the Chair of the Standards Committee) pursue further the issue of the minimum sampling rate with recommendations to be made to the CMG under the auspices of the WG or COSMOS itself by July 15, 2008.

ACTION ITEM: Davis is named as a convener of an ad hoc committee to discuss nominees for the WG for the CESMD. Bachman suggested C. B. Crouse be nominated as chair and that Steidl be nominated as a WG member. Bachman will check with Crouse regarding his willingness to accept the position of WG chair and will advise Davis by the end of May.

Davis thanked Parrish, Shakal, and Savage for all their efforts in getting the CESMD up and running.

REPORT ON THE BYLAWS COMMITTEE: J. Davis

Davis reported that instead of a wholesale revision of the Bylaws, the Bylaws Revision Committee decided to address the most important items first so that these can be approved by the Board of Directors this summer (by email) and be the basis for electing some new members of the Board of Directors before the next semiannual meeting go the Board in November. These issues include the recasting of the membership categories of COSMOS using the existing Bylaws and adding to them pertinent elements of the Charter. In this way the voting rights and other aspects of the COSMOS General Membership will be redefined to be more consistently consistent with current practice. The terms of members to the COSMOS Board of Directors and their responsibilities will be reviewed and revised. This is being done in response to the mandate from the Long Term Planning process and the November 2008 Board meeting.

The Committee considered revising Article 2, Sections 1 and 2. Section 1 sets forth specific objectives that might be revised by the Mission and Vision Group, but the fundamental nature of these objectives won't change. One item was added, No. 7, to address the practitioners in the

organization. The Charter defines members as strong-motion observation groups and strong-motion users groups. The addition of No. 7 is necessary to include activities of the strong motion researchers and users more explicitly in the "Principles" that must be adhered to by parties eligible to join the COSMOS General Membership.

If this change is made to Section 2, Regular Members can either be strong-motion data collectors or strong-motion data users. Affiliate membership applies to those who are committed to using strong-motion recordings to improve the built environment, but do not directly collect or use strong-motion data themselves. Iwan noted that the statement referring to COSMOS as a 502C 3 may have been eliminated. Davis pointed out that the provision has been and is currently located in Article 11 and probably should stay there.

Power asked if the Committee wanted to limit Affiliates to providers of goods and services. Where do FEMA and EERI fit in? Abrahamson noted that the University of Puerto Rico might have a more difficult time justifying their dues if they lost their Strong-Motion Program Member status. Davis noted that the dues categories should be kept intact for 2008 collecting but after that they could be more negotiable. Iwan suggested eliminating the amounts specified for dues in this draft revision of the Bylaws. This should be a policy issue decided from time to time by the Board of Directors. All that is needed is a statement to the effect that dues are set by the Board. Davis agreed with the suggestion and thanked Iwan for presenting it. In response to a question from Johnson, Davis said that COSMOS needs to maintain the current dues structure for 2008 as a practical necessity in order to facilitate and expedite their collection this year.

Borcherdt brought up the issue of changing the names slightly to broaden membership. Core members might be interpret that being strong-motion sustaining members might be more effective and suggested that word Core be replaced by Sustaining. Bachman suggested (upon reflection following the meeting) that regular members have the following categories : Strong-Motion Program Core Members (those who provide substantial contributions and ground motions), Strong-Motion Program Members (those who provide contributions and ground motions), Subscribing Members (this is for companies with different levels of support similar to EERI), Institutional Members, and Individual Members. Borcherdt noted that there might be a conflict if we give organizations like FEMA and NSF voting rights and possible Board membership. He suggested FEMA and NSF can be Institutional Members, but they be kept in the Affiliate Member category. Core Members would have a representative on the board, while all others could be voted onto the Board by the Membership.

Davis asked that this discussion be referred back to the committee for refinement. It was agreed we should have two kinds of members, Regular and Affiliate. Having two categories guarantees no conflict of interest and provides a reasonable affiliation membership title for the makers of strong-motion instrumentation. We could also have Affiliate Strong-Motion Program members who do not pay dues but who provide ground motion records to the VDC. Power reiterated that the category "Affiliate" should be maintained for those organizations that pay dues and that have a potential conflict of interest.

Parrish moved that this above architecture be brought back to the Committee, with the understanding that the Affiliate category for those organizations with a conflict of interest be revisited. Seconded by Iwan. The motion passes unanimously.

ACTION ITEM: A final draft of the revision of the Articles under discussion will be completed before the end of May. Revision of the entire Bylaws is slated to be finished by the end of June.

COMMITTEE DISCUSSION

Davis particularly noted a need for communication between CESMD and the COSMOS Committees to set up the chair and members of the WG and also for advice on standards and policy issues. COSMOS' current contract with CGS dovetails well with report from Parrish on COSMOS' potential role in the CESMD, as noted in the November 8 Board Meeting minutes (pages 4-6).

REPORT OF THE INTERNATIONAL COMMITTEE: W. D. Iwan, Chair

Iwan reported that the IC plans to hold a regional workshop in the Pacific Rim. Although there have been a number of telephone meetings, a face to face meeting is being scheduled for sometime in late July/August. Iwan said that the upcoming 14WCEE in China will be the perfect opportunity to discuss such a workshop with other 14WCEE attendees. Davis asked for more direct communication between the IC and the CESMD. (This workshop may take on new urgency and have more funding made available because of the May 12th earthquake in China).

REPORT OF THE VDC TOOL COMMITTEE: C. B. Crouse, Chair

Bachman reported for C. B. Crouse (who was unable to attend the BOD meeting) that a meeting between PEER and COSMOS is currently being set up (the meeting was held on May 17th at Stanford subsequent to the BOD meeting). In principal, use of the PEER-developed tool is not an issue, but COSMOS might not be able to charge for using it. Davis noted that this would still be in line with the facilitating role of COSMOS and that the primary rationale for such an effort is to serve the strong-motion community according to the COSMOS Vision and Mission.

REPORT OF THE SHORT COURSE OR INSTRUCTIONAL DVD MODULE DEVELOPMENT COMMITTEE: D. Dreger, Chair

Davis announced that D. Dreger has agreed to head to head this instructional media committee and thanked him for his participation. Dreger said that the committee will meet after the current semester ends. Dreger said that it was his understanding that this project has a deliverable and he is proceeding with that in mind. He plans to hold a conference call this summer. At that point they will define the scope: (1) the most effective media in terms of access; (2) what this tool

hopes to achieve; and (3) cost and determining source of funding. He asked that those Board members not on the committee send comments if they have any ideas. Davis suggested crafting a request for support to be submitted to various funding agencies, although COSMOS will provide start-up funds. Dreger noted that the NRC recently had an RFP. Davis noted that Eduardo Miranda at Stanford University has indicated support for this project. Davis added for the record that Dreger is a full member of the Board as stated in the minutes of the November 2008 Board meeting.

REPORT OF STANDARDS COMMITTEE: N. Abrahamson, Chair

Abrahamson noted that this committee has been inactive of late. There has not been a meeting since last November. His main concerns are the idea of full disclosure on data and the issue of quality of the meta data. What are the right bins to have full disclosure? He would like to see this be an international effort. He would also like to see the development of a model, which would be tested against local data. This could be a joint venture between Standards Committee and International Committee. The GEM project would be the perfect trial for this, with COSMOS providing them with COSMOS draft standards. Davis asked that a communications link be established between CESMD and the COSMOS Standards Committee.

NEW BUSINESS

There was a confirmation that the next Board of Director's Meeting will take place on November 20, 2008, location to be determined, with a tentative commitment to an abbreviated meeting to discuss committee reports and progress coincident with the EERI Annual Meeting in Utah in February 2009, and again a more regular meeting in May of 2009.

ACTION ITEM: Johnson is charged with determining Board Members availability for the month of May, 2009, by the end of the first week in June, 2008.

Davis asked if there was any addition business; no one responded. Davis thanked all the members of the Board for their participation, with special thanks to Power and Johnson.

Parrish motioned that the meeting be adjourned, Savage seconded. The motion passed unanimously.

MEETING ADJOURNED: 4:03 pm