



I. OPENING BUSINESS 9:00 a.m.

- Call to Order (John Aho, Chairperson); Roll call: Commission members John Aho, Gary Carver, David Cole, Laura Kelly, Rod Combellick, Gayle White, Roger Hansen, David Miller and Mark Roberts were present. Commission member Dunham was excused. April Woolery of the State Division of Geological & Geophysical Surveys was present.
- The meeting agenda was approved.
- Introductions-Guests: Sam Kito, Facilities Engineer with the School Finance and Facilities Section of the Alaska Department of Education & Early Development (ADEED).
- Review and Approval of Minutes for the December 3, 2009 meeting: The minutes were approved with one change.

II. BRIEFINGS 9:10 a.m.

- Recent Seismic Activity of Interest-Hansen: The University is closed over the holiday period, so the Alaska Earthquake Information Center (AEIC) was run by a skeleton crew over the last two weeks. They were able to complete their seismicity report for December 21 through 27, 2009, with 426 events in the state of Alaska. The largest was a magnitude 5.2 event near Kodiak Island.
- Health of the Alaska Seismic Networks-Hansen: The seismic networks are in good health. Their NSF experiment in the Southcentral area is experiencing some problems with communication, but that is being addressed. The strong motion network in Anchorage is working quite well with good data return. The USGS and UAA now have access to the data from this network, so data is available in real time to all known interested parties.
- Shake Map Update-Hansen: The current version of Shake Map is doing well. There is a new version that is currently in beta testing stage. If all goes well, they will be able to migrate the new release in the next week or two.
- AGU Meeting in San Francisco, December 14-18, 2009-Carver: There were between 14 and 16 thousand people at the meeting. It has gotten so big that it is difficult to know where to go and which talks to attend. Commission member Hansen said that there is still plenty of good information available, and that the networking that occurs outside the talks is often the best part.
- Hazard Mitigation Exercise, April 24-May 5, 2010-Roberts: He would like to call the commission members and brief them on the scenario during the event, just as he would for an actual event. He spoke with his Division Director in support of funding an earthquake scenario in the future and about the importance of allowing access to credentialed scientists following a major seismic event. His Director has agreed and they will work on adding that type of access to their post-earthquake checklist so that perishable data can be recorded for study.
- Municipality of Anchorage Geotechnical Advisory Commission (MOA/GAC) Activity Update-Cole: Last month, they had a conference call with (engineering firm) MMI

regarding the seismic assessment of downtown Anchorage. Part of the seismic risk study was held up by funding issues until after the first of this year. They will receive a Notice to Proceed to finish their work, which will include an adjusted land use plan for the Municipality of Anchorage. They discussed some of the damage evaluations with Don Ballantyne of MMI.

### III. OLD BUSINESS

9:40 a.m.

- Action Items:
- Commissioner Hansen will compose a letter thanking ACS for their donation of DSL lines for seismic monitoring. He would like to send thank-you letters to the Municipality of Anchorage and the Anchorage School District as well. Commissioner Roberts suggested including the fire chiefs of the monitored stations, as well. There have been some issues with setting up proper antennas following installation of the monitoring equipment, and it was suggested that Commissioner Hansen include a request for resolution of these problems along with the thank you letters.
- Chairman Aho will forward the Joyner Lecture and Legislative presentation to April Woolery for inclusion on the ASHSC website.
- Alaska Partnership for Infrastructure Protection (APIP) Website: Chairman Aho has a password to use to access the site and plans to attend the next meeting. Commissioner White is an alternate member and attends the monthly meetings.
- Prior to the next meeting, Chairman Aho will have the final charter prepared for discussion.
- Chairman Aho will discuss the 2014 National Earthquake Conference in Anchorage with Susan Tubbesing at the EERI meeting in February.
- Commissioner Combellick discussed the need for a new ASHSC member from local government with Seward City Manager Phillip Oates. Chairman Aho volunteered to follow up with Mr. Oates. There is interest in the Governor's Office to fill the vacant position.
- NIMS Online Training-Roberts: Commissioners Kelly, White, Aho, Dunham and Miller have completed the basic training.

### IV. MEETINGS OF INTEREST

9:50 a.m.

- NTHMP Meeting, Pasadena, January 26-28, 2010
- EERI Annual Meeting, February 3-6, 2010, San Francisco
- ASHSC Face-to-Face Meeting, March 3-4, 2010, Anchorage
- Alaska Tsunami Awareness Week, March 22-26, 2010: Commissioner Roberts reported that this will coincide with National Tsunami Awareness Week, and that the real codes will be used in Alaska and California during the test to be sure that they will work in the event of an actual emergency.
- SSA Annual Meeting, Portland, Oregon, April 20-23, 2010
- WSSPC Annual Meeting, July 10-13, 2010, Broomfield, CO
- 9<sup>th</sup> U.S. National & 10<sup>th</sup> Canadian Conference on Earthquake Engineering, July 25-29, 2010, Toronto
- Association of Engineering Geology (AEG) Meeting, Anchorage, Autumn 2011.
- 2014 National Earthquake Engineering Conference-Anchorage

V. CRITICAL DEADLINES 10:00 a.m.

- ASHSC Report to WSSPC: Commissioner Hansen will send a draft to Chairman Aho via e-mail.

VI. NEW BUSINESS 10:05 a.m.

- Recognition:
  - Commissioner Hansen will compose a letter of appreciation to ACS for Chairman Aho's signature.
- WSSPC 2009 Policies Discussion-Roberts: This was originally sent to his division, but he felt that the Commission should have the opportunity to provide feedback as well. The deadline for feedback is February 1, 2010. Commissioner Combellick pointed out that WSSPC needs to be able to show that its policies are being followed in order to justify continued funding, so a response from the Commission would be helpful to them. Commission members are encouraged to send responses to Chairman Aho by January 22, 2010.
- DNR Response to Schools Memo-Combellick: DNR Commissioner Tom Irwin and DGGG Director Robert Swenson gave a positive verbal response.
- Future Briefings
  - Mat-Su Prison Presentation
  - MOA Emergency Operations Center Tour
  - Monitoring of Large Earthquakes
  - Utilities Risk Mitigation Approaches
  - Alyeska Pipeline Seismic Instrumentation
  - DOT inventory of bridges: photo inventory of types and weaknesses
  - Gas Pipeline potential investors: TransCanada, Denali and Enstar all have projects going related to the planned gas pipeline
  - Richard Koehler field work presentation
  - Warning and Coordination Meteorologists from NOAA
  - Alaska Rail Road bridge upgrade
  - Peter Haeussler on the Denali Fault
  - Other suggestions should be forwarded to Chairman Aho

VII. REPORTS 10:10 a.m.

- Chairperson
  - National Hazards Observer, [hazctr@colorado.edu](mailto:hazctr@colorado.edu)
  - Commission members should forward suggestions for filling Robert Hicks' open seat on the Commission to Chairman Aho.
  - Annual Report Paragraphs: all have been received, thank you to Committee chairs who have done these.
- Committee Reports
  - Insurance-White: She is gathering information for updating the white paper. One item she found interesting: according to a 2009 poll by the National Underwriter's Association, 13% of Americans have flood insurance, down from 17% in 2008. In the

state of California, 12% of people have earthquake insurance, down from 33% ten years ago.

- Schools-Kelly and Kito: Commissioner Kelly suggested that the Commission summarize the parts of the WSSPC survey applicable to Alaska and add it as an appendix to the ASHSC's Annual Report or post it on the website. This could be a way to show the Legislature what WSSPC is and how the Commission cooperates with them. Sam Kito presented the schools committee memo to the Department of Education and Early Development's Bond Reimbursement and Grant Review Committee. They responded positively and appreciated getting the information. It is posted on the ADEED website and will be valuable in discussing seismic hazards with Legislators.
- Earthquake Scenario-Combellick: The committee held a teleconference earlier this week. They plan to narrow their focus and will have several smaller scenarios instead of one big one. These could be limited either in scope (such as focusing just on hospitals or emergency shelters) or in area. EERI looks for community involvement and volunteer support when approving scenarios, so the focus should be in meeting these criteria. Commissioner Carver pointed out that the Kodiak Island Borough has interest in a scenario. Commissioner Combellick said that letters of support from the various stakeholders would help. Commissioner Kelly added that work done by the Coast Guard on the Narrow Cape Fault has been made accessible to the public. The fact that so much has already been done, and the data made available, might appeal to EERI.
- Education & Outreach-Aho: He will try to get Art Frankel to come to Anchorage to give a Joyner Lecture: "Progress & Controversy in Seismic Hazard Mapping".
- Hazards Identification-Carver: He continued work on the white paper and is now awaiting committee member response to continue. Commissioner Combellick spoke with DGGs Geologist Richard Koehler about contributing to the white paper and he is willing assist with it.
- Response and Recovery -Roberts: This information was covered in earlier discussion.
- Partnership-Aho: He will continue to establish a partnership with APIP.

IX. ADMINISTRATIVE MATTERS 10:35 a.m.

- Budget Report-Woolery: The ASHSC budget is still \$4,872.00. Commissioner Combellick suggested charging his travel and April Woolery's to DGGs, crediting back a total of \$1,175 and bringing the budget back up to \$6,047. He will see about doing this and charging his and Ms. Woolery's future travel to DGGs to provide some budget relief for the Commission.
- ASHSC Web Site Update Status-Woolery: The schools memo still needs to be posted.
- Next Meeting Date: Face-to-face meeting in Anchorage, March 3-4, 2010.

X. GENERAL DISCUSSION 10:40 a.m.

- Public: None

XI. ADJOURNMENT 10:40 a.m.

- Commission member Kelly moved, and Commission member Hansen seconded to adjourn. All in favor. Meeting adjourned at 11:00 am.