



I. OPENING BUSINESS

9:00 a.m.

- Call to Order (John Aho, Chairperson); Roll call: Commission members John Aho, Laura Kelly, Richard Koehler, Daniel Mahalak, David Miller, Mark Roberts, Robert "Buzz" Scher, and Gayle White were present. Roger Hansen was late. Gary Carver was excused. Commissioner Gay Dunham was absent.
- Introductions-Guests: April Woolery of the State Division of Geological & Geophysical Surveys (DGGGS) was also present.
- The meeting agenda was approved with Commissioner Kelly adding a briefing on USGS instrumentation at the Coast Guard base in Kodiak. Commissioner Scher also added a briefing on FEMA training webinars.
- Review and Approval of Minutes for the February 3, 2011 meeting: The minutes were approved with amendments.

II. BRIEFINGS

9:05 a.m.

- Recent Seismic Activity of Interest-Hansen: There were 2,102 events in the state of Alaska in January, 2011.
- Health of the Alaska Seismic Networks-Hansen: Two K2 strong motion sensors were replaced with Basalt strong motion sensors. All of the installed sensors in Anchorage are up and running.
- ShakeMap Update-Hansen: Nothing new to report.
- Municipality of Anchorage Geotechnical Advisory Commission (MOA/GAC) Activity Update-Scher: The Anchorage Port Authority plans to form an oversight committee for the Port of Anchorage expansion project, composed of potential port users and political groups. The MOA/GAC has advocated that a second, independent review committee be formed that can provide technical oversight. This second committee would focus on design and construction issues. The University of Alaska, Anchorage has put together a proposal for a program for some surface and downhole strong motion instrumentation for the new port facility. The MOA/GAC has forwarded this proposal to the Port of Anchorage with their endorsement. Commissioner Scher will forward the information about this program to Chairman Aho for dissemination among Commission members.
- Post Earthquake Safety Evaluation of Buildings-Roberts: Last week's course was well-received. Chairman Aho and Commissioner Scher were the instructors. Engineers from around the state attended, as well as employees from hospitals, the railroad, school districts, and the private sector. Participant feedback indicates that the course was very effective. Commissioner Roberts' goal is to develop a cadre of instructors who can teach this course so that it can be offered twice a year. He would like the Commission to vet the instructors to make sure the quality of instruction is maintained. Demand is high: Commissioner Roberts estimated that he has enough people on the waiting list to fill this course two more times at this point.
- USGS Instrumentation at the Coast Guard base in Kodiak-Kelly: Two USGS staff requested and received tentative permission to place strong motion

sensors on the base in Kodiak. Commissioner Kelly will seek official permission for the USGS to place two strong motion sensors at the base: one on bedrock and one on liquefiable soil. Chairman Aho will ask Commissioner Hansen if he knows more about this effort by the USGS to place sensors, as most of the other Commission members had not been aware of this program. Commissioner Miller reported that the USGS had recently installed a strong motion detector in the fire house in Sitka. They had received permission to do so the year before.

- FEMA Training Webinars for School Districts-Scher: The next will occur on March 17. This webinar includes information on how to get grants and other funding to evaluate and prioritize facilities for seismic hazard risks, and to provide for mitigation of those risks. Commissioner Roberts reported that Sam Kito, the Facilities Engineer for the Alaska Department of Education and Early Development (ADEED), forwarded the information on this webinar to all of the school superintendants in Alaska.

### III. OLD BUSINESS

9:20 a.m.

- Action Items: April Woolery will make sure that the website is up-to-date and that all minutes are finalized and current.
- Gayle White will ask Glenn Pomeroy, CEO of the California Earthquake Authority, when he might be available to come to Alaska to meet with insurance staff and discuss issues facing the industry.
- Members should forward agenda items and ideas for presentations for the May face-to-face meeting to Chairman Aho.
- Members should also think about who the next chairman of the Commission should be, as the vote for a new chair will take place at the face-to-face meeting in May. Current chair John Aho will be stepping down from that position, but will continue to serve on the Commission.

### IV. MEETINGS OF INTEREST

9:25 a.m.

- Alaska Tsunami Awareness Week, March 21-25, 2011
- NTHMP Model Benchmark Validation Workshop [tsunami modeling], Galveston, TX, March 30-April 1, 2011
- WSSPC Meeting, in conjunction with the National Earthquake Program Manager's Meeting, April 4-8, 2011, Boise, ID
- SSA Annual Meeting, Memphis, TN, April 13-15, 2011
- Earthscope National Meeting, Austin, TX, May 17-20, 2011
- GSA Rocky Mountain/Cordilleran Combined Section Meeting, Logan, UT, May 18-20, 2011
- Incident Command Tsunami Training, Kodiak, June 4-5, 2011
- Tsunami Operations Workshop for Southeast Alaska, Sitka, September 13-15, 2011
- Assoc. of Engineering & Environmental Geologists, September 19-24, 2011, Anchorage, AK
- Rapid Visual Screening, Fairbanks, October 2011
- 10th U.S. National Conference on Earthquake Engineering, 2014 - Anchorage

V. CRITICAL DEADLINES 9:40 a.m.

- 2010 Annual Report -Final Completed
- Senate Committee Presentation March 22-23, 2011
- Legislative Trip To be decided

VI. NEW BUSINESS 9:45 a.m.

- Recognition: Chairman Aho and Vice-Chair Kelly have signed the certificates of appreciation. Chairman Aho will send them to Larry LeDoux and Sam Kito.
- Future Briefings
  - AIA Document on Damage Assessment-Thompson
  - Alaska Municipal League Risk Control-Dewalt
  - Using Real-Time GPS for Large Earthquake Location and Magnitude-Hansen
  - Mat-Su Prison Presentation
  - MOA Emergency Operations Center Tour
  - Monitoring of Large Earthquakes
  - Utilities Risk Mitigation Approaches
  - DOT Seismic
  - 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
  - Warning and Coordination Meteorologists from NOAA
  - Alaska Rail Road bridge upgrade
  - Peter Haeussler on the Denali Fault
  - Carol Olson, Deputy Fire Marshal and Plan Review Bureau Supervisor, regarding the structural aspects of plan reviews
  - Other suggestions should be forwarded to Chairman Aho

VII. REPORTS 9:50 a.m.

- Chairperson
  - Chairman Aho spoke with the state legislative auditors. The Commission's sunset date is June 30, 2012, so it is important to show that ASHSC has been performing its duties and meeting its goals. He plans to travel to Juneau later this month to meet with legislators.
  - APIP: Chairman Aho missed the most recent Alaska Partnership for Infrastructure Protection (APIP) meeting due to a scheduling conflict.
  - Business Cards: A design has been chosen, and new cards should be ready to be handed out at the face-to-face meeting in May.
  - Publications: As mentioned before, the ASHSC Annual Report is complete and is being distributed. It has also been posted to the Commission web site.
  - Face-to-Face Meeting: The next face-to-face meeting is scheduled for May 5th and 6th, 2011.

### Committee Reports

- Insurance-White: No report at this time.
- Schools-Kelly: Commissioner Kelly pointed out that the New Zealand quake, although a smaller magnitude event, still did a lot of damage as it was centered under a city. Commissioner Carver has pointed out that for some areas of Alaska, including Kodiak, a magnitude six event similar to the one in New Zealand is a more present threat than the rarer magnitude eight-plus events. The New Zealand event has shown that a smaller event can cause significant damage and loss of life. Commissioner Koehler observed that a magnitude seven or eight event generated by the Subduction zone can create dangerous tsunamis, especially if landslides are triggered.  
Commissioner Hansen attended a discussion on schools at the EERI Annual Meeting in February. A school superintendant from California talked about what needed to be done to secure school facilities against seismic hazards. He met Ken Goettel of Goettel & Associates, Inc., a consultant who assisted the Kodiak Island Borough with their impressive school seismic hazards mitigation project. Commissioner Hansen said that Mr. Goettel would like to do more work in Alaska if the opportunity arises.
- Earthquake Scenario-Koehler: Chairman Aho spoke with Bud Cassidy of the Kodiak Island Borough. Once Rod Combellick is available, they will get the Committee together for a meeting with Mr. Cassidy.
- Education & Outreach-Aho: Commissioner Koehler pointed out that the Commission's Twitter account had gotten two new followers just that morning, during the meeting. He encouraged more input by Commission members for tweets to be posted to grow awareness of the Commission and its work. Members should pass ideas along to Chairman Aho for approval. Commissioner Koehler pointed out that announcements of upcoming training, tests and events will make good tweets.
- Hazards Identification-Carver: Excused, no report.
- Response and Recovery-Roberts: He reiterates that there will be a real code tsunami warning test on March 23, and the Incident Command Tsunami Training in Kodiak, listed under Meetings of Interest. Commissioner Carver will give a presentation at the opening of the tsunami training exercise.
- Partnership-Aho: He confirmed with Jay Berger, the executive director of EERI, that the Tenth U.S. National Conference on Earthquake Engineering will take place in Anchorage in 2014. The Commission will need to begin looking at hotel and venue information for this event soon.

### IX. ADMINISTRATIVE MATTERS

10:15 a.m.

- Budget Report-Woolery: The ASHSC budget is currently \$7,488.00.
- ASHSC Web Site Update Status-Woolery: Updates are nearly complete. The minutes should be in final form by the end of next week. New links are being added as requested. The Annual Report is posted, as mentioned under the Chairman's report.
- Next Meeting Date: Teleconference on Thursday, April 7, 2011. Commissioner Roberts will be traveling but will call in if possible.

MINUTES OF THE ALASKA SEISMIC HAZARDS SAFETY COMMISSION MEETING  
March 3, 2011

X. GENERAL DISCUSSION

10:20 a.m.

- Public: None
- Commission members: Commissioner Roberts requested that Commissioner Hansen send the link for an NTHMP report to April Woolery so that she can disseminate it to Commission members. He also suggested that the link be added to the Commission web site. Commissioner Scher commented that the Annual Report looks very good. He especially liked the center map feature.

XI. ADJOURNMENT

10:25 a.m.

- Commissioner Hansen moved, and Commissioner Roberts seconded to adjourn. All in favor. Meeting adjourned at 10:25 am.