



I. OPENING BUSINESS

9:00 a.m.

- Call to Order (John Aho, Chairperson); Roll call: Commission members John Aho, Gary Carver, Roger Hansen, Laura Kelly, Richard Koehler, Daniel Mahalak, David Miller, Mark Roberts, and Robert "Buzz" Scher were present. Commissioner Gayle White was excused, and Commissioner Gay Dunham was absent.
- The meeting agenda was approved.
- Introductions-Guests: Rod Combellick and April Woolery of the State Division of Geological & Geophysical Surveys (DGGS).
- Review and Approval of Minutes for the September 29 and 30, 2010 meeting: The minutes were approved with amendments.

II. BRIEFINGS

9:05 a.m.

- Recent Seismic Activity of Interest-Hansen: There were 2,579 events in October with 529 in the final week, including some activity across the border in Canada. Last weekend, a magnitude 5.3 event occurred on the north slope of the Brooks Range, underscoring the need to expand the seismic network to the north. This event was felt in Barrow, Prudhoe Bay and Nuiqsut.
- Health of the Alaska Seismic Networks-Hansen: The Alaska Earthquake Information center (AEIC) continues to use stimulus money to upgrade older seismic equipment to obtain more robust telemetry. Jim Smith of the United States Geological Survey (USGS) in Menlo Park visited the AEIC last week. His group will provide new equipment to upgrade the Alaska system. The USGS will attempt to repair the downhole array located near the Atwood Building in downtown Anchorage.
- ShakeMap Update-Hansen: The ShakeMap system is working well.
- Earthquake Mitigation for Hospitals-Roberts: FEMA and the State of Alaska paid for this training, which took place October 5, 2010 at the new cancer center at Providence Hospital in Anchorage. It was well-received, with about 40 people in attendance. Commissioner Roberts plans to get the training for Fairbanks in two years. The ASHSC co-sponsored the training.
- Advanced National Seismic System (ANSS) Network Committee Meeting, November 1-3, 2010-Hansen: ANSS Coordinator Bill Leith would like ANSS to follow the example of AEIC and complete projects before moving on to new ones.
- GSA Annual Meeting, October 31-November 3, 2010: DGGS employees Bob Swenson and Trent Hubbard attended.
- Municipality of Anchorage Geotechnical Advisory Commission (MOA/GAC) Activity Update-Scher: Commissioner Scher is the current chair of the GAC. The GAC is reviewing the project consultant technical report and putting together an executive summary to go with the land use regulations for the downtown seismic district. They are also working on guidelines for seismic instrumentation to be included at the Anchorage Port facility expansion project. Additionally, the Municipality is updating its All Hazards Mitigation Plan, and some of the GAC members will be reviewing the plan.

III. OLD BUSINESS

9:30 a.m.

- John Aho has sent letters of appreciation to ACS, MTA, the Anchorage School District, and the Municipality of Anchorage. He will send copies to Commissioners Hansen and Roberts.
- Action Items: (see list from September 2010 meeting)
- Chairman Aho has arbitrarily placed new members on committees, so please let him know if you would like to change committees.
- Work continues on getting a member file-sharing space on the internet.
- Please look over the business card examples that were sent via e-mail and provide input to Chairman Aho.
- Due December 15, 2010: One- to two-page summaries from Committee Chairs about what their committees have accomplished in 2010 and their plans for 2011.
- Committee chairs should provide a summary of face-to-face meetings that can be attached to the minutes for those meetings.
- Rod Combellick has sent a letter to the Kodiak Island Borough. He has not yet received a written response, but he did speak with Bud Cassidy, the director of Kodiak's Community Development Department, who was receptive to working with the Commission.
- Hazards ID Committee white paper: Committee chair Carver will convene a teleconference in the next month to work on this.
- Report to WSSPC: In progress. Chairman Aho will put a draft together. Rod Combellick pointed out that the WSSPC geoscience report for Alaska is due, as well. He will modify last year's report and send it to Commissioner Hansen to complete.
- Glenn Pomeroy, CEO of the California Earthquake Authority, volunteered to put together a group of experts and come to Alaska to meet with insurance staff and discuss issues facing the industry. Chairman Aho hopes that Commissioner White will be able to coordinate this.
- NIMS online training: ongoing. Members who have not yet done this should visit the site and take the training.

IV. MEETINGS OF INTEREST

9:50 a.m.

- AGU Meeting, December 13-17, 2010, San Francisco
- EERI annual Meeting, February 9-12, 2011, La Jolla, CA
- Post Disaster Damage Assessment Training, February 23-24, 2011, Anchorage, AK
- Assoc. of Engineering & Environmental Geologists, September 21-23, 2011, Anchorage, AK
- Tsunami Operations Workshop for Southeast Alaska, Sitka, September 2011
- Rapid Visual Screening, Fairbanks, October 2011
- 10th U.S. National Conference on Earthquake Engineering, 2014 - Anchorage

V. CRITICAL DEADLINES

9:55 a.m.

MINUTES OF THE ALASKA SEISMIC HAZARDS SAFETY COMMISSION MEETING
November 12, 2010

- Chairman Aho will work on a report to WSSPC. He would also like to get the ASHSC report to the Legislature by January 15, 2011, and meet with members of the Legislature early in the session. Committee chairs should get their information to him by December first to be included in the report. A page or two on year-end and future plans for committees are due by December 15. Committee chairs should forward these to Chairman Aho.

VI. NEW BUSINESS

10:00 a.m.

- Letters of appreciation (covered under Old Business)
- Future Briefings
 - Mat-Su Prison Presentation
 - MOA Emergency Operations Center Tour
 - Monitoring of Large Earthquakes
 - Utilities Risk Mitigation Approaches
 - 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
 - Other suggestions should be forwarded to Chairman Aho

VII. REPORTS

10:05 a.m.

- Chairperson
 - Presentations to the Pioneers of Alaska and at the Federal Building in Anchorage. Both presentations were well-received, with good feedback. The third quarter ethics report has been sent: no violations to report. Chairman Aho continues to attend the monthly Alaska Partnership for Infrastructure Protection meetings.

Committee Reports

- Insurance-White: Excused, no report.
- Schools-Kelly: Chairman Aho sent a letter of appreciation to Yumei Wang of the Oregon Department of Geology and Mineral Industries for her presentation at the September ASHSC meeting in Anchorage. Commissioner Kelly hopes to get a copy of the revised Rapid Visual Screening process that Yumei Wang has been working on. Larry LeDoux will be resigning as Commissioner of the Alaska Department of Education and Early Development (ADEED). His support was critical to much of the ASHSC School Committee's success, and he will be missed. On a happier note, Sam Kito, Facilities Engineer with the School Finance and Facilities Section of ADEED, will continue to work with the Schools Committee. School Committee members are asked to review the proposed legislation and give input to Commissioner Kelly. She followed up on how Larry Newton, School Finance Director for the state of Utah, was faring in his efforts to get legislation passed for school hazards mitigation. Although he has not been able to get legislation passed, he has secured funding through FEMA to get a HAZUS run to quantify the risk of unreinforced masonry buildings in Salt Lake City and

along the Wasatch Front. Commissioner Kelly pointed out one problematic issue in getting school buildings upgraded: under California's Field Act, charter schools are exempt from being reviewed for seismic safety issues. Alaska has a growing number of charter schools, and we should try to include these in any future legislation on school safety. Commissioner Roberts suggested sending a certificate of appreciation to Sam Kito, and Commissioner Kelly added that Larry LeDoux should also be recognized. Commissioner Roberts moved, and Commissioner Miller seconded, that the Commission send these certificates. All were in favor. Chairman Aho will send wording for the certificates to April Woolery.

- Earthquake Scenario-Combellick: Since Rod Combellick is no longer a member of the Commission, volunteers are needed to take over the lead on this committee. Interested members are asked to contact Chairman Aho. There has been no committee meeting since the meeting in September. Mr. Combellick has followed up on letting Bud Cassidy know that Commission members would be willing to assist in updating data for the level 2 HAZUS run that FEMA has offered to do for the Kodiak Island Borough. Mr. Cassidy responded favorably but has not yet given an official reply. Mr. Combellick will also continue to press EERI to include a section on their website on the outcomes of scenarios in getting legislation implemented and other possible success stories. Commissioner Roberts suggested that, at the next committee teleconference, Risk Analyst Jennifer "Jen" Meyer of FEMA Region X be included. Commissioner Kelly would like to join the committee, since she has knowledge and interest in their focus on Kodiak.
- Education & Outreach-Aho: No report at this time.
- Hazards Identification-Carver: He will schedule a teleconference in the next few weeks.
- Response and Recovery-Roberts: The Division of Homeland Security & Emergency Management (DHS&EM) has received funding for seismic projects in Eagle, the Kodiak Island Borough, gas shut-off valves for some Anchorage schools, and funds for Chugach Electric to tie down some of the transformers at the Beluga power plant.
- Partnership-Aho: Other than continued participation in APIP meetings, nothing to report at this time.

IX. ADMINISTRATIVE MATTERS 10:40 a.m.

- Budget Report-Woolery: The new state fiscal year has begun and the ASHSC budget is back to \$7,758.00.
- ASHSC Web Site Update Status-Woolery: Web site is up-to-date as of today.
- Next Meeting Date: Teleconference on Thursday, December 2, 2010 (was later cancelled, next meeting will be Thursday, January 6, 2011).

X. GENERAL DISCUSSION 10:45 a.m.

- Public: None
- Commission members: Commissioner Carver will convene a Hazards Identification Committee teleconference next Monday, November 15, at 10:00 a.m. Committee members should mark the date and call in.

XI. ADJOURNMENT 10:50 a.m.

MINUTES OF THE ALASKA SEISMIC HAZARDS SAFETY COMMISSION MEETING
November 12, 2010

- Commissioner Kelly moved, and Commissioner Mahalak seconded to adjourn. All in favor. Meeting adjourned at 10:50 am.