



I. OPENING BUSINESS 9:00 a.m.

- Call to Order (Robert Scher, Chairperson); Roll call: Commission members John Aho, Gary Carver, Laura Kelly, Rich Koehler, Robin McSharry, David Miller, Robert "Buzz" Scher and Mike West were present. Commissioners Bud Cassidy, Mark Delozier and Ann Gravier were excused. Administrative Assistant April Woolery was present.
- Introductions-Guests: Dawn Borjesson of the Division of Legislative Audit, DNR Legislative Liaison Esther Tempel, Director Robert Swenson and Division Operations Manager Steve Masterman of the Alaska Division of Geological and Geophysical Surveys.
- Add items: Old Business: Added WSSPC policy recommendations. Agenda approved with addition.
- Ethics: no conflicts of interest or gifts to report.
- Commission Membership: All membership positions are full. Ann Gravier, Rich Koehler and Robert Scher were reappointed. No other positions will expire until 2014.

II. OLD BUSINESS

- Review and Approval of Minutes: March 7, 2013 minutes approved with corrections.
- Review of action items from May 30 meeting. Esther Tempel reported that she has distributed copies of the ASHSC Annual Report to legislators.
- Legislative Sunset Review-Dawn Borjesson: The auditors are working on information gathering now and will have a preliminary report in mid-September or October.
- Rules of Procedure: Regarding absentees, recommendations, quorum definition and recommendations, clarification of wording in Commission procedures. Chairman Scher will create a draft with suggested clarifications for members to review.
- WSSPC Policy Recommendation: Comment period is now open for policies pertaining to tsunami hazard programs (13-2 and 11-1). Commissioners can comment through the end of this week: please forward these to Chairman Scher.

III. COMMISSION UPDATES 9:25 a.m.

- Recent Seismic Activity of Interest-West: There were 2,054 recorded events in the month of June, 2013. No large events were recorded that month. Of interest was a series of small earthquakes in the Bering Sea: the largest was M4.8. These were located on the continental shelf a few hundred kilometers north of Dutch Harbor, which is an unusual location for seismic events. The largest recent event was a M5.4 event near Adak on July 7. Very few

aftershocks now from the Craig event. In addition, there are two active volcanic eruptions in the state right now at Pavlof and Veniaminof.

- Health of the Alaska Seismic Networks-West: Summer field crew are out making needed repairs to the network and three new stations have been installed on the Kenai Peninsula, doubling their broadband coverage in that area.
- Anchorage Strong Motion Seismic Network Work Group: Commissioner West reported that the June 6, 2013 meeting in Anchorage was well attended. Commissioner Aho was there, along with AVO staff, USGS attendees from the national program, and AEIC staff Natasha Ruppert and himself. John Power of the AVO in Anchorage agreed to work directly with UAA staff who have had technical issues retrieving data from the network. A shared e-mail group to facilitate communication among the users was created as a result of the meeting and will be used to disseminate reports and information.
- Robert Swenson reported that he is working with several state agencies regarding some deep wells that were drilled to determine geothermal potential on Mt. Spurr. He hopes to get the use of one or more of the wells to install seismic equipment. In particular, he would like to have an ultra-quiet seismic monitor installed at the bottom of the deepest well.
- Municipality of Anchorage Geotechnical Advisory Commission (MOA/GAC) Activity Update-Scher: Commissioners Scher and Aho were not present at the last meeting.
- 10th National Conference on Earthquake Engineering, Local Planning Committee-Aho: The committee continues to work on getting sponsors and exhibitors. Unfortunately, the NSF has declined funding to support the conference, as did the State of Alaska. Committee members are working on sponsorships for the conference. About 1,300 abstracts have been submitted, and there were 70 requests for special sessions. Field trip planning is in progress. Commissioners Carver and Koehler are working on one of these, titled Active Faults and Seismic Hazards in Central Alaska.
- ANSS Implementation Committee Meeting – West: The meeting covers coordination issues at the national level, particularly how information is disseminated.
- Tsunami Warning and Education Act Reauthorization: The Commission will send a letter of support for the reauthorization.

IV. MEETINGS/SEMINARS OF INTEREST

9:50 a.m.

- USGS “A Practical Guide to Earthquakes in the Pacific Northwest” [online training course] <http://training.usgs.gov/TEL/Gomberg/player.html>
- ASCE Tsunami Loads & Effects Subcommittee Meeting; July 30-31, 2013; Anchorage
- NEES Quake Summit; August 7-8, 2013; Reno
- DHS&EM Fall Preparedness Conf; October 8-10, 2013; Anchorage
- GSA 125th Anniversary Annual Meeting; October 27-30, 2013; Denver
- PEER NGA-West2 Technical Seminar Series; Early November 2013; Long Beach, Salt Lake, San Francisco, Seattle

- AGU Fall Meeting, December 9-13, 2013; San Francisco, CA
- Partners in Emergency Preparedness Conference; April 23-24, 2014; Tacoma
- SSA Annual Meeting; April 30-May 2, 2014; Anchorage
- 10th National Conference on Earthquake Engineering/EERI Annual Meeting/NEES Quake Summit; July 21-25, 2014; Anchorage

V. COMMITTEE PROJECTS/REPORTS

10:15 a.m.

- Schools – Kelly:
 - Rapid Visual Screening of Schools Pilot Program: Commissioners Kelly and Gravier completed an application for grant funds for a program to do RVS of Alaska schools. Money was not available from the state of Alaska, and they are pursuing other funding possibilities FEMA.
 - ADEED: Commissioner Kelly spoke with Elizabeth Nudelman of the Division of Education and Early Development about cooperation between her division and the Commission. Ms. Nudelman would like to support the Commission but does not have a staff member available to be a designated contact person. She was able to offer contact information for communication with schools and school districts.
 - Commissioner Kelly will speak at a special session of the 10th National Conference on Earthquake Engineering regarding Alaskan schools and seismic safety.
- Earthquake Scenario – Carver:
 - FEMA Kodiak Earthquake Risk Assessment: The Narrow Cape Fault Scenario ShakeMap has been completed and sent to FEMA for use in their risk assessment. Commissioner Kelly added that the results of the FEMA HAZUS report will be integrated into the Coast Guard's GIS system and used in planning.
 - Kodiak Earthquake Planning Scenarios Report: On hold until the busy summer field season is past.
 - Commissioner Carver requested that committee members do a scenario draft for their regions of the state. He would like to try to leverage draft information to request funding from other groups such as EERI or NEHRP. This will be an ongoing project.
- Insurance – McSharry
 - Insurance Rates in Alaska: She will research whether there is a local, Anchorage insurance professional who can be consulted about which hazard maps, if any, are used in setting insurance rates in this state. Commissioner McSharry reported that only a low percentage, maybe 10%, of people insured in the state have earthquake insurance. She believes that this is partly from lack of public education about seismic risks in Alaska.
- Hazards Identification – Koehler
 - State of Utah as a model for seismic mitigation in Alaska
 - Alaska Earthquake Clearing House: Commissioner Koehler has the DGGs IT people in communication with the IT staff in Utah who run their earthquake clearing house to research what it would take to do a similar web site for Alaska. He will forward a report from the Utah Geological

- Survey on earthquake safety and preparedness to Commission members after today's teleconference.
- Seismic Sources in Alaska White Paper: Still in progress due to the summer field season.
 - Education, Outreach & Partnering – Scher
 - Seismic Knowledge Requirements for PEs: Chairman Scher continues to work on getting support for the upgrades in certification with the Board of Registration for Architects, Engineers, and Land Surveyors.
 - Value of Seismic Instrumentation White Paper: He has received comments and is working on a second draft of this paper.
 - Response & Recovery – Gravier
 - Absent due to emergency response work, no report.
 - Chair – Scher
 - 28th Legislature, 2nd Session (Requests to Esther Tempel): Chairman Scher plans to give Ms. Tempel a list of issues that are of interest to the Commission so that she can let him know if there will be committee hearings or legislation regarding those. She agreed that this would be appropriate. Commission members were asked to provide input on specific projects of this type that are likely to be discussed in the next legislative session. Chairman Scher also asked about the possibility of finding a legislator who would be interested in supporting the Commission and its work.
 - Alaska Bridges Seismic Retrofit Program: The DOT has a report out on what they are doing to make Alaskan bridges safer. Chairman Scher has discussed this with DOT staff as a potential future presentation at a face-to-face meeting. Commission members are encouraged to review the report to learn the condition of Alaska's bridges.
 - DNR/DGGS Administrator: Rod Combellick had been the Commission's lead administrative contact for the state prior to his retirement. Steve Masterman will now fill that role. Discussion or chain of communication to clarify protocols. DGGS Director Swenson affirmed that DGGS support for the Commission remains strong. He asked that the Commission include him and Steve Masterman in requests to DNR Legislative Liaison Esther Tempel. He also urged the Commission to review the current charter regarding being a vehicle to disseminate information about seismic hazards and emphasize the Commission's role in forwarding seismic policy recommendations to the state.
 - Certificate of Appreciation (Roger Hansen): Thanks to Commissioner West for forwarding former Commissioner Hansen's current address. The certificate will be signed by the Chair and sent to Dr. Hansen in recognition of his years of service to the Commission.

VI. NEW BUSINESS

11:05 a.m.

- Public Comments: Dawn Borjesson asked Robert Swenson for clarification on his role in dealing with the Commission. He affirmed that he would be taking a more active role in the Commission and its activities. Esther Tempel clarified

that she would coordinate if the Commission wanted to testify before the Legislature on a particular bill that impacted seismic safety in Alaska.

- Commission Comments: Commissioner Aho stated that he continues to be impressed by the work that the ASHSC is able to do on a small budget each year.
- Policy Recommendation White Papers (Structure & Depth): Chairman Scher discussed the need to follow a standard format for white papers, to be decided at the next face-to-face meeting.
- Potential Future Briefings: No new additions at this time. Chairman Scher will seek input on which briefings are of most interest once the next face-to-face meeting date is scheduled. FEMA's Alaska Catastrophic Event Exercise is moving ahead and a draft plan and meeting agenda are available. The Chairman can forward these to interested members.

VI. CLOSING BUSINESS

11:25 a.m.

- Critical Deadlines: Dawn Borjesson reiterated that the Legislative Audit is currently in the information gathering stage. She will send an e-mail with further information requests. This stage should be completed by the end of August. Commissioner Kelly will work with Commissioner Gravier on the funding request for FEMA.
- Administrative Matters
 - Budget Report: With the new fiscal year, the budget is now \$10,000.
 - FY 2014-2015 Budget: TBA
 - Commission's Website: The Education and Preparedness section on the main page contains links to other agencies. The Chairman suggested renaming this section "links" for clarity.
- Review New Action Items: All should review Commissioner Kelly's draft funding application and return comments. The Earthquake Scenario Committee should work on suggestions for potential future scenarios. Commissioner Koehler will forward the Utah Geological Survey Open File Report 384 to Commission members. Chairman Scher will review the ASHSC charter and send out information on the FEMA exercise.
- Next Meeting (Teleconference): August 1, 2013 (tentative: subject to change)

VII. ADJORNMENT

11:45 a.m.

- Chairman Aho moved, Commissioner Carver seconded to adjourn. All in favor: meeting adjourned at 11:45 a.m.