



I. OPENING BUSINESS

9:00 a.m.

- Call to Order (John Aho, Chairperson); Roll call: Commission members John Aho, Gary Carver, Bud Cassidy, Mark Delozier, Laura Kelly, Robin McSharry and Robert “Buzz” Scher were present. Commissioner Rich Koehler was excused, as was potential commission member Ann Gravier. Commissioners Roger Hansen and David Miller were absent. Chairman Aho will e-mail Commissioner Miller about his absences.
- A discussion of absences was added under Old Business.
- Introductions-Guests: Irv Petty of the Alaska Division of Homeland Security and Emergency Management (DHS&EM) and April Woolery of the State Division of Geological & Geophysical Surveys (DGGS) were present.
- Review and Approval of Minutes for the April and September, 2012 meetings: Minutes were approved with amendments.

II. BRIEFINGS

9:15 a.m.

- Recent Seismic Activity of Interest-Ruppert: Natalia Ruppert was not in attendance, but Commissioner Carver reported that on December 3, 2012, there was a magnitude 5.8 event near Anchorage in the Benioff Zone. There was a magnitude 5.3 event felt in Kodiak two days before the Anchorage event. Commissioners discussed building assessment for seismic safety. Commissioner Carver feels that fire stations, like schools, should perform these assessments. The Education and Outreach Committee should write a memo to this effect.
- Health of the Alaska Seismic Networks-Ruppert: Again, Dr. Ruppert was not there to report. Chairman Aho said that Dr. Ruppert has been corresponding with Professor Utpal Dutta at UAA and keeping him updated on seismic network progress.
- Nonstructural Seismic Mitigation Training-Gravier: Mr. Petty stated that there will be a Post-Disaster Damage Assessment (PDDA) workshop next week. Ann Gravier will report on this at the next meeting.
- Municipality of Anchorage Geotechnical Advisory Commission (MOA/GAC) Activity Update-Scher: On November 11, 2012, the GAC and Anchorage Assembly were briefed by CH2MHILL on the results of their study assessing the Anchorage port expansion project’s construction issues. This was an independent and very thorough 2,700 page study. The GAC reviewed the study and will compile comments to respond to CH2MHILL. The GAC’s conclusions will be released at their next meeting.
- GSA Meeting Update-Carver: Nothing to report.
- WSSPC Board Meeting Update: Nothing to report.
- Tsunami Operations Workshop-Petty: The DHS&EM held a tabletop exercise in Cordova for emergency managers, harbor masters, and fire chiefs. They responded favorably to the exercise and felt that they got a lot out of it. The DHS&EM has done three of these exercises in the past year and will do

another to catch those who missed the others. Commissioner Koehler gave a talk at this workshop, and Commissioner Carver would like to participate in the next one.

### III. OLD BUSINESS

9:50 a.m.

- Action Items: Commission members should review the list and follow up. Anyone who has not completed the ISC 100 certification should do so by the end of the year. Commissioners should also complete policy recommendation write-ups and give these to Chairman Aho. The report to WSSPC will go out next week. Chairman Aho would like to discuss what the Commission will do in the time period following a damaging seismic event in Alaska.
- Potential New Members: Currently there are no open seats to fill. Chairman Aho will call Jason Hooley in the Governor's Office regarding Ann Gravier's appointment. Commissioner Carver asked in committee chairs should submit a monthly statement of progress, and Chairman Aho agreed. The chairman will send out a memo to members regarding this.
- Chairman Aho reiterated that if members will miss a meeting, they must contact the Chairman and let him know beforehand. Three unexcused absences will result in removal from the Commission.

### IV. MEETINGS OF INTEREST

10:05 a.m.

- AGU Fall Meeting, December 3-6, 2012, San Francisco, CA
- Post-Earthquake Safety Evaluation of Buildings, December 11-12, 2012, Anchorage
- NTHMP Annual Meeting, January 28-30, 2013, Portland, OR
- Seismological Society of America (SSA) Annual Meeting, February 17-19, 2013, Salt Lake City, UT
- WSSPC Annual Meeting, May 2, 2013, Seattle, WA
- SSA Annual Meeting, April 30-May 2, 2014, Anchorage
- 10th U.S. National Conference on Earthquake Engineering, July 20-26, 2014, Anchorage

### V. CRITICAL DEADLINES

10:20 a.m.

- ASHSC Report to WSSPC January, 2013
- Committee Chairs write-ups December 15, 2012
- 2012 Report to Legislature Final February 1, 2013
- Legislative Trip TBD

### VI. NEW BUSINESS

10:30 a.m.

- Future Briefings
  - Mat-Su Prison Seismic Safety
  - MOA Emergency Operations Center Tour
  - 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
- Tom O'Rourke, Cornell University: The New Normal for Natural Disasters
- Alaska Shield-Gravier
- Private Sector Recovery Plans
- Disaster Recovery Framework-David Andrews/DHS&EM
- Preparedness Conference- David Andrews/DHS&EM
- Other suggestions should be forwarded to Chairman Aho

## VII. REPORTS

10:40 a.m.

- Chairperson
  - Seismic Safety Commissions Outside of Alaska: the chairman will review minutes of other commissions' meetings to glean ideas.
  - 10<sup>th</sup> Conference on Earthquake Engineering: The planning committee is in the process of developing contacts and donors. EERI will produce a brochure to disseminate. A logo has been approved and things are moving forward. They will need volunteers to review papers ahead of the conference. The Commission will need to hear from EERI what they would like the Commission's role to be. Once that is clarified, the Commission can move ahead on requesting state support for the conference.
  - Alaska Attorney General's Office: Chairman Aho contacted them once again. His previous request had been sidelined, but they will work on it.
  - Information Transfer by Members: Chairman Aho emphasized that if Commission members hear about items or presentations of interest, that they pass those along to him.

### Committee Reports

- Schools-Kelly: Commissioner Kelly will continue to follow up with the state PTA contacts. There was an item of interest in the Anchorage Daily News recently about the state of Oregon securing funds to strengthen unreinforced masonry school buildings. There was a discussion about using licensed structural engineers to design school buildings.
- Insurance-McSharry: Nothing new to report.
- Earthquake Scenario-Carver: Commissioner FEMA has been supplied with infrastructure data to use for the Kodiak HAZUS run. As mentioned at the last meeting, AEIC has given FEMA ShakeMap information for the run, as well. FEMA will try to get the final HAZUS product out by mid-March.
- Hazards Identification-Koehler: Excused, no report.
- Education & Outreach-Scher: Commissioner Scher motioned and Commissioner Carver seconded to get the final version of the paper on engineer education requirements signed and sent to the Alaska State Board of Registration for Architects, Engineers and Land Surveyors. Some of the wording of the letter was discussed, and Commissioner Scher will re-word that part for clarity. All members were in favor. Commissioner Scher would like to

MINUTES OF THE ALASKA SEISMIC HAZARDS SAFETY COMMISSION MEETING  
December 6, 2012

work on the informational paper about the value and benefit of seismic strong motion instrumentation at the next face-to-face meeting and develop it as an informational packet. Commissioner McSharry will research whether there is any insurance benefit to having seismic instrumentation in a building.

Regarding the Save Our Bridges website, Commissioner Scher forwarded the link to Elmer Marks at the DOT, who responded with an update on the state of Alaska's bridges. Some of those listed on the website have been upgraded.

- Response and Recovery-Petty: Mr. Petty reiterated that the 2014 Earthquake Engineering Conference in Anchorage will coincide with the Anchorage Museum's exhibit on earthquakes and other seismic events. DHS&EM is the lead agency for state input on these exhibits.

VIII. ADMINISTRATIVE MATTERS 11:20 a.m.

- Budget Report-Woolery: The ASHSC budget is currently \$4,901.00. The reimbursement to Lloyd Cluff has been paid.
- ASHSC Web Site Update Status-Woolery: The website is up to date except for past meeting minutes, which are forthcoming.
- Next Meeting Date: Teleconference, January 10, 2013.

IX. ADJOURNMENT 11:30 a.m.

- Commissioner Carver moved, and Commissioner Scher seconded to adjourn. All in favor. Meeting adjourned at 11:30 am.