



Monday, April 21st, 2014 10:00 a.m. to 5:00 p.m.
Atwood Building, Anchorage, AK, Suite 602

I. OPENING BUSINESS 10:00 a.m.

- Call to Order (Robert Scher, Chairperson); Roll call: Commission members John Aho, Ann Gravier, Laura Kelly, Rich Koehler, Robert “Buzz” Scher and Mike West were present. Robin McSharry was late due to a conflict in schedule. Gary Carver, Bud Cassidy and Mark Delozier were excused. Administrative Assistant April Woolery of the Division of Geological and Geophysical Surveys (DGGS) was also present.
- Introductions-Guests: Steve Masterman of DGGS attended part of the day via teleconference. At 1:30 pm, Kathy Cavyell of the Division of Homeland Security and Emergency Management (DHS&EM) gave a presentation on the 2014 Alaska Shield exercise.
- Approval of Agenda: Commissioner West moved to accept the draft agenda for April 21-22; Kelly seconded. No changes; motion passed unanimously.
- Ethics Act: Nothing to report.
- Commission Membership: Commissioner Kelly has submitted a letter to renew her term with Boards and Commissions. Chairman Scher will contact Carver and Cassidy to remind them to do the same. The Governor’s Office is working on filling the vacant position.

II. OLD BUSINESS

- Review February 20, 2014 Meeting Minutes: Commissioner Aho moved, Koehler seconded to accept minutes with changes. All in favor.
- SB 137 – Extension of ASHSC: Passed the house and senate and is waiting for the Governor’s signature. Chairman Scher will write a thank-you letter to Senator Bishop’s office for their work on this bill.
- ASHSC Post-Earthquake Response Plan – West: Discussion of calling a meeting in an emergency without sufficient public notice. Steve Masterman will research further. Commissioner Koehler moved and Aho seconded to accept the draft response plan. Discussion followed and the plan was unanimously accepted with changes.

BREAK

- Value of Seismic Instruments Position Paper (PR 2013-1) – Scher: Once completed, this will be disseminated by direct mail. Commissioner Aho moved, West seconded to accept, discussion followed. Accepted unanimously with changes.

MINUTES OF THE ALASKA SEISMIC HAZARDS SAFETY COMMISSION MEETING
April 21-22, 2014

- 2012 IBC Seismic Provisions Position Paper (PR 2013-2) – Scher: Commissioner Aho moved, Kelly seconded to accept, discussion followed. Accepted unanimously with changes.
- Earthquake Response and Investigation Guide (PR 2014-1) – Koehler: He will add two references, other changes as suggested. Commissioner Kelly moved, Gravier seconded to accept guide, discussion followed. Accepted unanimously with changes. Final version will be reviewed by the Commission.
- Update or Terminate PRs 2010-1 and 2010-2 – Aho: Commissioner Aho would like to postpone and rewrite these as he feels they are important enough to move ahead. Will revisit at future meeting.
- Update of Commission's Website – Koehler: DGGs IT staff will work on the update when possible. There is a large project taking precedence but this should happen soon.
- Update of Commission's Charter – Aho: Discussion of possible changes. Aho pointed out that the charter is not something that should be updated like a strategic plan would be. Koehler suggested striking the part defining measures of success as those evolve over time. Aho will make changes. Signatures will also be renewed.

LUNCH

III. SPECIAL BRIEFING

- 2014 Alaska Shield – Kathy Cavyell, Lead Exercise Planner, DHS&EM

IV. COMMITTEE BRIEFINGS

- Schools – Kelly:
 - Grant to Fund RVS of Schools: Commissioner Kelly spoke with EERI and found that they have close to \$10,000 to spend on this pilot program. They are supportive of the idea. Discussion of options by Commission members. Commissioner Kelly will draft a scope of work for review.
 - Database for Existing Schools – Scher: Not discussed.
- Earthquake Scenario – Carver: Excused.
 - Commissioner Aho is working on the Kodiak Planning Scenario and will complete changes to his draft.
 - FEMA Earthquake Risk Assessment – Scher: He will clarify with FEMA on some number discrepancies.
 - Alaska Screening Scenario Guide – Scher: Draft was handed out for review and members gave feedback. Scher will forward to the excused members for their input.

RECESS MEETING

5:00 p.m.

**Tuesday, April 22nd, 2014, 8:30 a.m. to 2:30 p.m.
Atwood Building, Anchorage, AK, Suite 602**

I. RECONVENE MEETING 8:00 a.m.

- Call to Order (Robert Scher, Chairperson); Roll call: Commission members John Aho, Ann Gravier, Laura Kelly, Rich Koehler, Robert “Buzz” Scher and Mike West were present. Robin McSharry was late due to a conflict in schedule. Gary Carver, Bud Cassidy and Mark Delozier were excused. Administrative Assistant April Woolery of the Division of Geological and Geophysical Surveys (DGGS) was also present.
- Introductions-Guests: None
- Modifications to Agenda: Commissioner West added more discussion of school RVS under Committee Briefings.

II. COMMITTEE BRIEFINGS

- Hazards Identification – Koehler:
 - Seismic Sources in Alaska: The paper is nearly complete. Will try to complete draft in the next two week and disseminate for review.
- Education, Outreach and Partnering – Scher: Discussed under Chair’s report
- Response and Recovery – Gravier: Thank you to Commissioner West for taking up the Commission’s Post Earthquake Response Plan. Discussion of Alaska Shield presentation. Will continue to look for funding opportunities for RVS of schools. Action item added by Scher to send policy recommendation to DHS&EM encouraging RVS of schools.
- Insurance – McSharry: Nothing to report at this time.
- Chair’s Report – Scher: First quarter, no ethics issues to report. Discussion of recommendation to the state Board of Architects, Engineers and Land Surveyors that civil and structural engineers should have seismic training requirements to be certified. Chairman Scher may receive a response on this soon. ASHSC recommendation to Governor to declare 2014 as a year of commemoration of the 1964 Great Alaska Earthquake. The Governor’s proclamation declared March 27th, 2014 as a day of commemoration for the event. Commission members discussed member activity, how much work is done for the Commission between meetings.
- Revisit RVS of Schools – West et al: Chairman Scher mover, Commissioner Aho seconded to use the EERI money to do RVS of schools in Alaska. Discussion followed. All in favor of using the money to do a pilot study, RVS of schools in the mat-Su Borough School District. Commissioner Kelly will write a request for proposals.

III. COMMISSION UPDATES

- Recent Seismic Activity of Interest – West: Presented examples of good versus bad data to determine focal mechanisms for Alaskan earthquakes. The recent M5.6 event near Noatak demonstrated the need for more instrumentation. There are not enough seismic monitors in that region and it is not possible to generate a reliable mechanism based on the data available.

- Health of the Alaska Seismic Network – West: Just below 80% operational. Still coming out of the winter season, which is hard on remote monitors. There were 28,000 recorded events in Alaska in 2013. There may be more than that for 2014. This is most likely due to more effective use of AEC staff to process and interpret data, not an actual increase in the number of events. Better use of staff means that more events are recognized.
- Earthscope Seismic Stations, Alaska Array – West: No funding was secured this year, but AEC will continue to pursue this opportunity to get more seismic stations in remote areas of Alaska.
- MOA GAC Activity – Scher: The GAC is in communication with the USGS and ANSS regarding the operation and maintenance of the Anchorage Strong Motion Network. He will learn more at the next GAC meeting. The GAC is also working to evaluate whether building restrictions to the 4th Avenue “buttress” area should be restored as current codes are more restrictive than the expired ones. Also, they are working to get recommendations implemented in the Municipal codes. These recommendations are from a study by MMI estimating downtown Anchorage building damage and casualties.
- 10th NCEE, Local Planning Committee – Aho: Planning continues. Local sponsorship is about \$38,000 now.

IV. NEW BUSINESS

- Public Comments: None.
- Commissioner Comments: Discussion of committees, meeting structure, and earthquake insurance.

V. MEETINGS OF INTEREST

- SSA Annual Meeting; 30 April - 2 May 2014; Anchorage
<http://www.seismosoc.org/meetings/2014/>
- Nat'l Earthquake Program Managers Meeting; 21-25 May 2014; Denver
- 10th Nat'l Conf on Earthquake Engineering/NEES Quake Summit,
<http://10ncee.org/>, 22-25 July 2014; EERI & WSSPC Annual Meetings, 21 July; Anchorage

VI. CLOSING BUSINESS

- Critical Deadlines: None at this time
- Budget Report – Woolery: Discussion of remaining fiscal year funds and how best to use them. Commissioner Aho moved and Koehler seconded to fund one or two ASHSC members to attend the 10th NCEE conference, all in favor.
- Expense Reports: Covered under budget report
- Next Meeting: TBA

ADJOURNMENT

Commissioner Kelly moved, Gravier seconded, to adjourn. All in favor, meeting adjourned at 12:00 p.m.

ACTION ITEMS LIST (*Updated 20 February 2014*)

I. MONTHLY ON-GOING ITEMS

- Prior to the next scheduled meeting (***April Face-to-Face***):
 - Post the meeting schedule on the State's 'Public Notices' website, and schedule Atwood Building conference room(s) – **Woolery**
 - Submit travel reimbursement forms to Woolery two weeks before meeting – **All**
 - Prepare public service announcement at least one week before 'face-to-face' meetings – **Scher**
 - Prepare meeting agenda and post on ASHSC website at least one week before meeting - **Scher/Woolery**
 - Notify chair when not able to attend the meeting – **All**
 - Prepare a brief report of the committee's activities, if the chair will not be available to participate in the meeting - **Standing Committee Chairs**
- Prepare and circulate draft minutes (*20 Feb 2014* meeting) – **Woolery**; review for discussion at next scheduled meeting - **All**
- Update membership contact roster and list of acronyms - **Scher**
- Post to ASHSC website all approved minutes, documents and project reports - **Woolery**

II. CARRY-OVER ITEMS FROM PREVIOUS MEETINGS

- a. Compile post-earthquake response plans from other state seismic commissions and review for possible application to ASHSC's plan [*introduced 8 Oct 2013*] – **Aho**
- b. Draft an abbreviated framework for an earthquake scenario study [*introduced in 8 Oct 2013; modified on 9 Jan 2014*] – **Scher**
- c. Draft a letter to Alaska Communication Systems requesting they continue to provide DSL lines for the Anchorage strong motion network [*introduced 9 Jan 2014*] – **Aho & Scher**

III. NEW ITEMS INTRODUCED AT THE 20 FEBRUARY MEETING

- a. Provide Scher the dates you are available for a two-day meeting in April, in Anchorage - **All**
- b. Draft a letter to DNR-DGGS regarding rules for call a special meeting following a damaging earthquake or tsunami (e.g. public notice?) – **Scher**

IV. ITEMS FOR LONG-TERM ACTIVE PROJECTS (*IN-PROGRESS*)

Alaska Rapid Visual Screening of Schools Pilot Program (PR 2010-1) – Schools Committee (Kelly)

- a. Meet with UAA Engineering Depart to explore possibility of incorporating RVS of local schools into their curriculum (e.g. senior project) [*introduced 8 Oct 2013; updated 9 Jan 2014*] – **Scher**
- b. Conduct a meeting of the School Committee to strategize objectives and scope for EERI [*introduced 20 Feb 2014*] – **Kelly**

Kodiak Scenario Earthquake Study – Earthquake Scenario Committee (Carver)

- c. Update the Commission's draft Kodiak Earthquake Scenario Report based on comments from Cassidy, Koehler and Scher, and FEMA's Hazus assessment [introduced 8 Oct 2013] – **Aho**

V. POLICY RECOMMENDATIONS (IN-PROGRESS)

- a. Prepare a position paper in discussing the value of seismic instrumentation (PR 2013-1) [introduced 8 Oct 2013] – **Scher**
- b. Prepare a position paper pertaining to adoption of the seismic provisions in IBC 2012 (PR 2013-2) [introduced 14 Nov 2013] – **Scher**
- c. Draft a policy recommendation supporting the Legislature's approval of the UA budget item for purchasing in-place instruments following the NFS *EarthScope* program in Alaska [introduced 9 Jan 2014] – **Scher**
- d. Provide comments to Koehler regarding his draft policy recommendation for an earthquake response and investigation field guide (e.g. target entity, implementation and assessment plan, etc.) – **All**
- e. Update PR 2010-1 (*Identification and Mitigation Prioritization of Seismically Vulnerable School Buildings*) for re-adoption [introduced 20 Feb 2014] – **Kelly**
- f. Update PR 2010-2 (*Seismic Risk Mitigation of Future Design, Construction, and Major Renovation of Schools*) for re-adoption [introduced 20 Feb 2014] – **Aho**