



## **September 29, 2010**

### **I. OPENING BUSINESS**

10:45 a.m.

- Call to Order (John Aho, Chairperson); Roll call: Commission members John Aho, Rod Combellick, Roger Hansen, Laura Kelly, Dan Mahalak, Mark Roberts, and Gayle White were present. Gay Dunham was absent and David Miller, David Cole, and Gary Carver were excused.
- The meeting agenda was approved.
- Introductions-Guests: Art Frankel, Earthquake Effects Research Topical Coordinator with the USGS in Seattle and Glenn Pomeroy, Chief Executive Officer for the California Earthquake Authority (CEA) were present September 29. Yumei Wang, Geotechnical Engineer with the Oregon Department of Geology and Mineral Industries (DOGAMI), gave a presentation via teleconference on September 29. Bill Knight with the West Coast and Alaska Tsunami Warning Center; Tom Crafford, Large Project Permitting Manager for the Alaska Department of Natural Resources (DNR); Peter Haeussler with the USGS; and Kevin Dunham of Chugach Electrical (CE) were present September 30. Eric Cannon, Engineering Geologist with Golder Associates in Anchorage; Joanne Bennett with the Alaska Division of Insurance; Richard Koehler, Geologist with the Alaska Division of Geological & Geophysical Surveys (DGGS) and April Woolery, Administrative Assistant with DGGS, were present both days.
- Review and Approval of Minutes for the August 5, 2010 meeting: The minutes were approved with amendments.

### **II. BRIEFINGS I**

10:55 a.m.

- Seismic Risk Mitigation in Oregon Schools-Wang/DOGAMI: Power Point presentation on the DOGAMI's efforts to identify and retrofit critical facilities.
- Earthquake Insurance-Pomeroy/CEA: Mr. Pomeroy discussed the need and availability of earthquake insurance. Homeowners must purchase a separate earthquake policy, or they are not covered for earthquake losses. Mr. Pomeroy will also participate in the Insurance Committee meeting this afternoon.
- Recent Seismic Activity of Interest-Hansen: There were 635 events for the week of September 13-19. The largest was a magnitude 4.9 event in southern Alaska, which occurred on September 19.
- Health of the Weak and Strong Motion Networks-Hansen: Alaska Earthquake Information Center (AEIC) staff were able to complete the work on upgrading seismic monitoring stations near Valdez this fall.
- ShakeMap Report-Hansen: ShakeMap continues to work well, and upgrades continue.
- Municipality of Anchorage Geotechnical Advisory Commission (MOA/GAC) Activity Update-Aho: The commission is reviewing the MOA's report on developing a new ordinance for which types of new buildings can be built in downtown Anchorage. They are also developing a proposal for seismic instrumentation of the ongoing port expansion.

LUNCH BREAK

12:30 p.m.

III. BRIEFINGS II

1:30 p.m.

- A few minutes with Art Frankel/USGS (An opportunity to ask Dr. Frankel questions concerning his mapping work)-Dr. Frankel gave an overview of his discussion at the Joyner Lecture, scheduled for the same evening.

IV. OLD BUSINESS

2:15 p.m.

- Hospital Training Course-Roberts: Training on Tuesday, October 5, 2010 from 8 a.m. to 5 p.m. on structural and non-structural mitigation for hospitals. Contact Commissioner Roberts if you want to attend this training.
- Action Items: See 08/05/2010 Action Item List
- NIMS Online Training-Roberts: He reminded commission members to take the training if they have not already.

V. MEETINGS OF INTEREST

2:30 p.m.

- Joyner Lecture, Art Frankel/USGS, "Progress & Controversy in Seismic Hazard Mapping", Anchorage, September 29, 2010
- Seismic Structural & Non-structural Mitigation for Hospitals & Resident Health Care Facilities, October 5, 2010, Anchorage, AK
- ANSS Network Committee, November 1-3, 2010, Menlo Park, CA
- GSA Annual Meeting, October 31-November 3, 2010, Denver, CO
- Tsunami Managers & Modelers, November 16-18, 2010, CA
- AGU Meeting, December 2010, San Francisco, CA
- EERI Annual Meeting, February 9-12, 2011, La Jolla, CA
- Association of Engineering Geology (AEG) Meeting, Anchorage, Autumn 2011.
- 2014 National Earthquake Engineering Conference-Anchorage

VI. COMMITTEE MEETINGS

2:45 p.m.

- Insurance-White, Aho, Carver, Kelly, 2:30-3:30 p.m.
- Pomeroy-visitor
- Schools-Kelly, Carver, Aho, Roberts, Cole, 3:30-4:30 p.m.
- Kito-visitor
- Earthquake Scenario-Combellick, Aho, Carver, 4:30-5:30 p.m.
- Cole, Roberts, Hansen

*(Following Committee Meetings, the meeting was adjourned for the day.)*

September 30, 2010

I. OPENING BUSINESS

8:30 a.m.

- Call to Order (John Aho, Chairperson); Roll call: Commission members John Aho, Rod Combellick, Roger Hansen, Laura Kelly, Dan Mahalak, Mark Roberts, and Gayle White were present. Gay Dunham was absent and David Miller, David Cole, and Gary Carver were excused.
- The September 30, 2010 agenda was approved with no changes.

MINUTES OF THE ALASKA SEISMIC HAZARDS SAFETY COMMISSION MEETING  
September 29 & 30, 2010

- Guests: Please see list under September 29.

II. CRITICAL DEADLINES

8:45 a.m.

- ASHSC Report to WSSPC-Date TBA
- 2010 Report to Legislature-Draft due December 15, 2010. Committee chairs will need to submit a page-long summary of their committees' activities and progress for the past year.
- 2010 Report to Legislature-Final due January 15, 2011.
- Legislative Trip in January, 2011.

III. NEW BUSINESS

9:00 a.m.

- ASHSC Response to a Damaging Seismic Event in Alaska-All  
(3-hour Commission discussion continued)
- Future Briefings
  - Mat-Su Prison Presentation
  - MOA Emergency Operations Center Tour
  - Utilities Risk Mitigation Approaches
  - DOT Inventory of Bridges
  - Gas Pipeline
  - Other Suggestions
  - Near-shore Tsunamis-Hansen

IV. BRIEFINGS III

9:15 a.m.

- Tsunami Center Update-Knight/NOAA 9:15-10:00 a.m.  
Bill Knight of the West Coast Tsunami Warning Center discussed the duties and responsibilities that the center has, as well as what goes into issuing a tsunami alert. Their area of responsibility covers most of North America, including Canada, the U.S., and some Caribbean islands. They try to get a bulletin out within five minutes for events that fall within their area.
- Proposed Underground Natural Gas Storage Facility near Kenai-Crafford/DNR 10:00-10:45 a.m.  
Tom Crafford discussed a proposal to use a mostly depleted gas field for storage during the summer months, when demand is low, so that there will be plentiful gas to use in times of peak demand. At 9:00 am on October 19, 2010, there will be a hearing for permits on this project at the Alaska Oil and Gas Conservation Commission offices. Seismic issues will be discussed at that time.
- USGS Earthquake Hazards Work in Alaska-Haeussler/USGS 10:45-11:30 a.m.  
The USGS contracts with the AEIC to run the seismic network in the state, which Commissioner Hansen already discussed. Dr. Haeussler talked about the USGS's non-seismic networks in Alaska, as well as their Earthquake Hazards and Coastal and Marine Geology Programs.
- Utilities Seismic Risk Mitigation Activities-Dunham/CE 11:30-12:15 p.m.  
Kevin Dunham gave an overview of the Railbelt power system, as well as discussing seismic hazard mitigation needs in the system. The Beluga power plant seismic stabilization project was just approved, which will provide funds to retrofit that facility.

MINUTES OF THE ALASKA SEISMIC HAZARDS SAFETY COMMISSION MEETING  
September 29 & 30, 2010

LUNCH BREAK 12:15 am

V. COMMITTEE MEETINGS (Continued) 1:00 p.m.

- Earthquake Hazards-Carver, Combellick, Aho, Hansen, Cole 1:00-1:30 p.m.
- Education & Outreach-Dunham, Aho, Hansen, Roberts, Miller, Kelly 1:30-2:00 p.m.
- Response & Recovery-Roberts, Aho, Kelly, Cole, Dunham 2:00-2:30 p.m.
- Partnership-Aho, Carver, Cole, Kelly 2:30-3:00 p.m.
- 10th U.S. Conference on Earthquake Engineering, Aho, Cole, Kelly, Hansen 3:00-3:30 p.m.

VI. REPORTS 3:30 p.m.

- Chairman
  - Presentations: Chugach Electrical Association, well-received.
  - APIP: Chairman Aho will continue to attend these.
  - PDDA Course: He is working on arranging a course for February.
  - Seismic Safety Councils Tasks: Ongoing effort to start a dialogue with the various state seismic hazards chairs around the country. The ASHSC might consider hosting a conference call.
- Committee Reports
  - Given at each committee meeting

VII. GENERAL DISCUSSION 3:50 p.m.

- Public: Eric Cannon observed that there are many opportunities for seismic problem solving in Alaska. Joanne Bennett is pleased by what the Commission is doing in education and outreach.
- Commission Members: Commissioner Hansen commented that the strong motion network has been performing very well.

VIII. ADMINISTRATIVE MATTERS 4:00 p.m.

- Budget Report-Woolery: The current budget is \$8,637, pending travel expenses.
- ASHSC Web Site Update Status-Woolery: The web site is up to date.
- Next Meeting Date (Teleconference)-November 12, 2010

IX. ADJOURNMENT 4:10 p.m.

Commissioner Hansen moved, and Commissioner Combellick seconded to adjourn. All in favor. Meeting adjourned at 4:10 p.m.