



I. OPENING BUSINESS 9:00 a.m.

- Call to Order (John Aho, Chairperson); Roll call: Commission members John Aho, Gay Dunham, David Cole, Kathy Hosford, Laura Kelly, and Rod Combellick were present. Commission member Mark Roberts signed in late due to flood emergency operations and Commission member Gary Carver was excused. Commission members Roger Hansen, Dean Maxwell and Robert Hicks were absent. April Woolery of the State Division of Geological & Geophysical Surveys was also present.
- Chairman John Aho notes that members who will miss meetings should let him know before the meeting.
- The meeting agenda was approved.
- Introductions-Guests: Sam Kito, Engineer with the School Finance and Facilities Section of the Alaska Department of Education & Early Development.
- Review and Approval of Minutes for 3/3/2009: The minutes were approved with amendments. April Woolery still needs the presentations from the October 1-2, 2008 meeting so that she can post them on the website. Please send to April or to Commission member Combellick.

II. BRIEFINGS 9:10 a.m.

- Recent Seismic Activity of Interest-Hansen: Absent: no report.
- Health of the Alaska Seismic Networks-Hansen: Absent: no report.
- Shake Map Update-Hansen: Absent: no report.
- SSA Meeting-Hansen, Carver: No report at this time.
- Municipality of Anchorage Geotechnical Advisory Commission Activity Update-Cole: Engineering firm MMI forwarded their evaluation of ground failure potential to the GAC. Both groups have discussed MMI's assumptions and the purpose of the evaluation via teleconference. MMI should start running their HAZUS analysis within the next month.

III. OLD BUSINESS 9:20 a.m.

- Action Items: Commission member Hicks has been collecting articles for the newsletter. He is absent, so no report this meeting. Commission members should look at the School Brochure on the website and provide feedback to Commission member Kelly.
- WSSPC Newsletter information-Combellick: They want a one-to-two page summary of our annual report for their newsletter. The deadline was in February for commission reports, so it has passed for this year, but we should be prepared to do this next year.
- Combining the Hazards Identification and Response, Recovery and Loss Estimation Committees-Roberts: He has a draft of the white paper and will make it available for review.
- Committee Assignments-Aho: Commission members should look over the Committee Memo and let the chairman know if they want to be on a particular committee.
- Earthquake Insurance Model Review Assistance-Aho: No report at this time.

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- NIMS Online Training-Roberts: He has sent the information via e-mail. Commission members are encouraged to review it and take the training as they have time. This training provides familiarity with emergency response procedures and allows participants to work effectively with other responders in a disaster. If the Commission becomes NIMS compliant, the ASHSC would be eligible to apply for certain grants.
- September Face-to-Face: In Anchorage, either September 8-9 or 9-10. Chairman Aho will verify which dates work best with Commission members.

IV. MEETINGS OF INTEREST

9:30 a.m.

- DHS&EM Seismic Training and Summit-September 28 through October 2, 2009 in Anchorage
- Geological Society of America Annual Meeting-October 18-12, 2009 in Portland
- Applied Technology Council and Structural Engineering Institute of ASCE (ATC & SEI) Conference-December 9-11, 2009 in San Francisco
- 9th U.S. National and 10th Canadian Conference in Earthquake Engineering-Toronto, July 2010
- 2014 National Earthquake Engineering Conference-Anchorage

V. CRITICAL DEADLINES

9:40 a.m.

- ASHSC Report to WSSPC: Discussed under Old Business, above

VI. NEW BUSINESS

9:45 a.m.

- Future Briefings
 - Mat-Su Prison Presentation
 - MOA Emergency Operations Center Tour
 - Monitoring of Large Earthquakes
 - Utilities Risk Mitigation Approaches
 - GIS Measurement of Fault Displacement
 - Alyeska Pipeline Seismic Instrumentation
 - DOT inventory of bridges: photo inventory of types and weaknesses
 - Other suggestions should be forwarded to Chairman Aho

VII. REPORTS

9:50 a.m.

- Chairperson
 - Don Ballantyne's request for support from the ASHSC on an earthquake scenario proposal for Anchorage that is being sent to NEHRP: Mr. Ballantyne is the president of MMI, the engineering firm that is working with the Municipality of Anchorage to do a seismic risk assessment. The Earthquake Scenario Committee has reviewed the draft of this proposal. The scenario would be a level 2 HAZUS run to estimate damage and losses in the Anchorage area from a magnitude 7.2 Benioff zone event. MMI wants to enhance the demographic and infrastructure data instead of using the default data in HAZUS. This will yield a more reliable estimate of potential damage. The Commission would want to be sure that the upgraded data would be made public. Commission member Combellick motioned that the Commission conditionally endorse MMI's NEHRP proposal, with the final comments to be drafted as a letter by the

Earthquake Scenario Committee. Commission member Hosford seconded the motion. All in favor.

- First Quarter Ethics Report: No ethics violations to report.
- Publications:
 - Fundamentals of Earthquake Engineering-Elnashai and Sarno, Wiley
 - Managing for Lon-Term Recovery in the Aftermath of Disaster-Public Entity Institute
 - Getting the Word Out to Save Lives and Property-FEMA-NEHRP
 - Putting Down Roots in Earthquake Country: Your Guide for Earthquakes in Utah-USSC
 - Active Tectonics and Seismic Potential of Alaska-AGU

- Committee Reports

- Insurance-Maxwell: Absent, no report
- Schools-Kelly: Presentation of memo from Schools Committee Advisor Sam Kito. Mr. Kito has put together an outline of existing programs as well as a two-tiered approach to addressing seismic issues in schools. The first part would be to use the existing regulatory framework: a certain percentage of construction costs could be put toward engineering of seismic mitigation in the design and also to pay for an inspection of the seismic resisting elements of the building during construction. This would be a voluntary compliance opportunity and could be implemented as early as fall, 2010. The second part would be to legislate and institute a minimum level of seismic mitigation in school facilities. This process would take longer, but could be in place as early as December, 2011. These could apply to both new and existing schools. Mr. Kito suggested as a possibility that when renovations over a certain level were done on an existing school, seismic issues would have to be addressed.
- Earthquake Scenario-Combellick: The committee developed a proposal for an earthquake scenario. DHS&EM did not respond as they decided to use a repeat of the 1964 event instead. Now that MMI is working on a similar proposal, the Scenario Committee will focus on that instead. Commission member Combellick would like to schedule a meeting for the Scenario Committee for Monday, May 11 at 10:00 a.m.
- Education & Outreach-Hicks: Absent, no report
- Hazards Identification-Carver: Excused, no report
- Response, Recovery-Roberts: Commission member Roberts is working on a white paper regarding the combining of the Response, Recovery Committee with the Post Earthquake Planning Committee.
- Post Earthquake Planning-Carver: Excused, no report
- Partnership-Aho: Right now, the committee is focusing on the 2014 meeting in Anchorage.

VIII. GENERAL DISCUSSION

10:25 a.m.

- Public: None
- Commission Members: Commission member Kelly: the Coast Guard plans to put in a bigger facility in Kodiak. It would be a shore development plan with up to three

rehabilitated or rebuilt piers. She is working to make the planners aware of local seismic information to use. Commission member Combellick mentioned the tsunami inundation maps available online.

Commission member Dunham asked how the March 25 statewide tsunami test went. Commission member Roberts reported that overall, the test was a success. There were some glitches, but these were coding errors with GCI and some of the broadcasters that can now be corrected, so it was good to uncover them now. He will e-mail information about the siren tests.

IX. ADMINISTRATIVE MATTERS

10:35 a.m.

- Budget Report-Woolery: there is \$346.00 remaining in the budget for the 2009 fiscal year. It will need to be spent down before June 30, which should happen just from teleconference charges. Commission member Combellick notes that our ASHSC budget will remain \$10,000.00 for next fiscal year.
- ASHSC Web Site Update Status-Woolery: Most of the minutes are updated and finalized. The PowerPoint presentations from the October, 2008 face-to-face meeting are still needed. Commission member Maxwell should send a pdf of the Missouri Insurance Final Report to be included on the website. These can be sent using the state file transfer site, but notify April right away because the site is purged nightly.
- Commission member Combellick asked about filling Commission member Maxwell's position. Chairman Aho has asked him to offer recommendations for likely candidates.
- Commission member Hosford announced that she will not be renewing her membership, as she feels that she can't give as much time as she would like to the Commission.
- Next Meeting Date: Teleconference on Thursday, June 4 at 9:00 am.

X. ADJOURNMENT

10:45 a.m.

- Commission member Combellick moved, and Commission member Cole seconded to adjourn. All in favor. Meeting adjourned at 10:45 am.