

Call-in line: 1-800-315-6338, Code: 131959#

Chair: Sterling Strait, [sterling.strait@alaska-pipeline.com](mailto:sterling.strait@alaska-pipeline.com) 907-632-7654 (text/cell)

## 1. Opening Business

1:02pm

- a. Call to Order (*Chair*); Roll call (*Staff*); Guests  
Present: T. Bergey, D. Gibbs, G. Gladsjo, L. Kelly, D. Nueffer, N. Ruppert, B. Salisbury, S. Strait, C. Huizenga – Administrative Assistant  
Not present: M. Devine  
Guests: members of the public on the line.  
Dennis Barry - Anchorage Geotech Advisory Commission Liaison  
Amanda Siok - FEMA: Federal Emergency Management Agency  
John Thornley - Anchorage Geotech Advisory Commission Liaison
- b. Ethics Act (*Chair*) <http://www.law.alaska.gov/doclibrary/ethics/EthicsInfoBC.html>  
Nothing to report
- c. Approval of the Agenda: No comments, Salisbury motions to approve agenda with no changes, N. Ruppert seconds, no discussion, all in favor, none opposed.
- d. Review/Approval of Previous Meeting Minutes from December 17, 2020: N. Ruppert motions to approve previous meeting minutes, L. Kelly seconds, all in favor, none opposed.
- e. Budget Update: C. Huizenga – no expenditures to date of FY21 budget.  
Discussion on expenditures for community seismic awareness, educational programs for schools, and technology equipment for remote communities. Travel comments for Fall 2021.
- f. Public Comment – no public comment

## 2. New Business

1:15pm

- a. **Election of Chair:** S. Strait resigns from ASHSC chair position. G. Gladsjo motions to move the election of the chair to end of the meeting, Salisbury 2nds motion, all in favor, none opposed.
- b. **2020 ASHSC Annual Report:** S. Strait – emailed draft of 2020 Annual report to all commission members to review. This report is the summary of Commission activities, including strategic plan, educational outreach, and publications. Salisbury – suggested to include FY20 budget expenditures of last year. All commission members to review draft of 2020 annual report and submit comments. Open to suggestions - Discussion and input on commission past activities, updated strategic plan and educational outreach for annual report.
- c. **Alaska Seismic Hazard Map Update:** S. Strait – contacted by Peter Haeussler regarding Hazard Map update project invites any interested commission members to attend. J. Thornley

stated the USGS is developing new hazards maps of the State of Alaska for official and community use. No other current updates. Discussion on USGS development of the Alaska maps and coding.

- d. **Anchorage Geotech Advisory Commission Liaison** – Dennis Barry discussed the informal liaison with the seismic commission and will begin attending the seismic commission meetings to provide a liaison between the Seismic commission and the Anchorage Geotech Advisory commission. They are an advisory commission to the Municipality regarding seismic issues to avalanches. Seismic commission looks forward to working together.  
Any comments or questions
- e. **E-mail ListServ** – Salisbury – the listserv has been thoroughly updated with current contact email information. This listserv will be for commission announcements, earthquake information, and other information relevant to the Seismic commission purpose. Submit all requests to the listserv for review and approval to post.

### 3. Committee Reports/Old Business

1:40pm

- a. Aleutians ZOOM Presentation – Salisbury – some progress has been made coordinating the outreach. The UAF Geophysical Institute is interested in collaborating with us on this project. Outreach to the communities is still the main priority.
- b. Prince William Sound – Barry Arm Tsunami Risk: Salisbury – DGGS website which is linked from the Seismic commission page in collaboration with DGGS, USGS, NOAA and DHS&EM is now issuing bi-weekly statements on Fridays containing all the updates to any status changes of Landslide status and Tsunami threat changes, the current updates are reflected on the website. The real time tsunami warning system is expected to be on-line this Spring and NOAA will install the instruments in April during extremely low tide. No ground or satellite operations currently due to snow covered ground. DGGS did recently publish a high-resolution elevation data set that is being used by USGS to publish a structure map of the landslide. Tier I level e-mail announcement group that accompanies the website updates that is updated by Dave Snider from NOAA. Resources that need this information or want website updates can contact Dave Snider at NOAA to be added to the email contact list. No significant movements in the Barry Arm region since last October. Set standard guidelines for public information releases, what information should be released. A color-coded alert system seems to be the most popular as a warning informational system. The Earthquake, Tsunami, and Volcano communities all have different advisories and warning systems. Need collaboration to standardize warnings, advisories, and delivery systems. Currently there isn't a real time Tsunami warning system at Barry Arm.
- c. Resilience of Critical Infrastructure – D. Nueffer updates - three different components to this

policy recommendation. First is to compile an Alaska seismic site response information clearinghouse. Creating a centralized location to access and distribute information regarding geologic substrate, liquefaction potential, known landslide hazards, etc. Current discussions with USGS on how to proceed with this recommendation. S. Strait – could the Seismic commission secure funding and grants for this project? Utilize part of the Seismic budget to hire an intern to compile data, publications, and other information for the clearinghouse database. L. Kelly – previously a partnership between DGGs and the seismic commission did hire an intern for database entry. Salisbury will check with DGGs on the prior intern database job. What information would be useful in this database? Seismic wave velocities, locations, and information. Geotech advisory commission might be able to collaborate to secure funding for this project.

d. Aging Projects

- i. ASCE 7 – Tsunami Modeling Letter – Strait - no updates
- ii. Post-Earthquake Damage Assessment Taskforce - Strait
- iii. School & Public Building Seismic Safety – L. Kelly – FEMA efforts identifying & retrofitting the schools in the state. Last year before COVID, I had a brief meeting with a state representative Ivy Spohnholz discussing implementing the top 10 lessons learned into legislation on behalf of the seismic commission. In addition, receiving the top ten recommendations from FEMA would be ideal to pass along to the state legislatures. Revisit recommendations to the state legislature and on-going legislation.
- iv. Grants for Earthquake Recovery/Mitigation – no updates

## 4. Briefings

2:15pm

- a. Alaska Earthquake Center: N. Ruppert – Seismically, Alaska has been quiet since October. Preparations for the summer field season has begun. Two new seismic sensors installed in Eagle River, Alaska and in the future three sensors to be installed in the Mat-Su area.
- b. DGGs: Salisbury – Elevation data set releases – released high resolution lidar data for Homer that was collected in 2019 as part of a landslides hazard assessment. Collected data across Kachemak Bay where a tsunamigenic landslide (near Grewingk glacier) occurred in 1967. There is ongoing concern of future landslides in this area because people paddle and camp in the pro-glacial lake. Published a two-page information circular ([DGGs IC 91](#)) – a Tsunami hazards frequently asked questions. Published two high resolution data sets for the Barry Arm landslide and photogrammetric dataset will follow.
- c. AK DHS & EM: P. Nelson – Collected data from Haines landslide will be analyzed by an outside source. The Alaska Peninsula earthquake in October, working on repairing damages in that area. In addition, working on damage assessment and repairs from the Cook Inlet earthquake. Which is a Federal disaster. The seismic activity has been relatively low in the state. In March, annual exercise and recall drill for all the Tsunami communities, this was cancelled last March due to

COVID-19. Hoping this March, the Tsunami exercise drill will take place.

- d. Other – Election of the chair. Nominations for the chair. G. Gladsjo announced he will not be serving another term on the Seismic commission after his term ends in July 2021. Salisbury announced he would be willing to accept the duties of the Vice-chair on the commission. L. Kelly states that a person can only serve three consecutive terms on the Commission as chair/vice-chair. Continue discussion at next meeting.

## 5. Closing Matters

**2:32pm**

- a. Next Meeting: April 21, 2021

Motion to adjourn.

Salisbury motions, Nueffer seconds

-ADJOURN -