

Call-in line: 1-800-315-6338, Code: 50077#

Chair: Sterling Strait, [sterling.strait@alyeska-pipeline.com](mailto:sterling.strait@alyeska-pipeline.com) 907-632-6543 (text/cell)

## 1. Opening Business

- a. Call to Order (*Chair*); Roll call (*Staff*); Guests

Belanger, Devine – excused

Gibbs – not present

Barrett Salisbury, DGGS – guest

Sean McGuire Dawn Borgesson – Legislative Audit

- b. Ethics Act (*Chair*) <http://www.law.alaska.gov/doclibrary/ethics/EthicsInfoBC.html>

**Action:** submit quarterly ethics report for fourth quarter 2018

- c. Approval of the Agenda

**Action:** Buzz Scher email needs to be updated

Kelly moves, Athey seconds, all in favor

**Action:** update Rules of Procedure on website

- d. Review/Approval of November 8-9 2018 Meeting Minutes

Kelly moves, Ruppert seconds, all in favor

- e. Chair Comments

November 2018 Anchorage earthquake response – what can Commission do at this juncture?

Governor's office interested in recovery efforts we can contribute to

What about schools? Anchorage has program for school seismic issues, professional staff of architects & engineers; some not approved for bonding; ASHSC pilot study in Mat-Su, \$7k available for RVS screening, done for very limited amount of funds and selected for co-location and other quick efficiencies; EERI is comparing performance to RVS scores; there were some design oversights in some schools that did not do well, and the school predicted to do poorly did alright; engineering oversights or inspection oversights were root causes of certain issues

School safety initiative – RVS is first cut, need focused engineering evaluation for follow up

PR2015-1 will be revisited and sent to Governor's Office

Building codes will be addressed under New Business

**Action:** Commendations - Recognize individuals and entities that did well in response; Scher recommends legislature acknowledge responders in Anchorage; the commission can send a formal letter and forward it on up.

## 2. Briefings

- a. DHS&EM – no report

- b. DGGS

(Stevens) EQ response – unsuccessfully attempted to collect lidar, then moved to high-res aerial photography; connected SOA with Sterling Strait to use volunteer certified engineering professionals to screen buildings for safety. Some interactions with GEER, who did on-the-ground work and issued report

- c. AEC – (Ruppert) more than 8,000 aftershocks, it will take about a year for background seismicity to normalize; USArray – will adopt 43 sites in southcentral and SE Alaska, will be finalized in September 2019; working on proposals to adopt up to 40 more sites in northern Alaska

- d. MOA-GAC – (Scher) database being put together on residential buildings yellow-tagged or worse; still finding structural damage to commercial buildings; will get together with Sterling Strait’s structural engineers to help judge when it is appropriate to get true structural engineers to evaluate commercial buildings (specific seismic parameters to help decide); GEER team of PhDs talked to USGS, DGGs, others about target sites, narrowed it to a few locations and developed report

e. Other

Strait – representative from NEHRP came to Anchorage in first week of January and met with many groups & organizations to see what worked and what didn’t

**Action:** Commendation letter to Lisa Murkowski for earthquake resilience bill that was passed in late 2018

Scher: Engineering community and Municipality of Anchorage will be sending data to AEC instead of USGS

Strait: need work groups to address topics outside of meetings

### 3. Old Business

- a. Strategic Plan Update – *Delay Discussion for Future Meeting*

Stevens moves to delay discussion, Scher seconds, all in favor

- b. APDC Legislative Fly-In – School Seismic Safety (February 6-8)

APDC have the ASHSC 1-pager as a starting point; message is there needs to be a deliberate approach to the next steps for school seismic safety; Kelly will be speaking in Juneau: schools need to be looked at but there is no state program to do so; make calls about what’s been done already? Need a strategy to prioritize and improve the seismic safety of our schools. Management and maintenance of school facilities will be taken over by DOT.

**Work Group:** Kelly, Scher, Strait

- c. Alaska Earthquake Center – Adoption of USArray Stations

Ruppert volunteered to draft a 1-pager in November meeting. What about policy recommendation?

**Work Group:** Ruppert, Scher, Stevens

- d. Post-Earthquake Damage Assessment Recommendations

ATC 20/45 policy recommendations will be updated in response to Anchorage earthquake. Strait coordinated with Liz Greer for training, upcoming training sessions to be made available for more engineers; ASHSC sponsorship will be sought.

**Work Group:** Strait, Belanger

### 4. New Business

- a. International Residential Code –Require for all Alaska construction

- b. Municipality of Anchorage Building Safety Zone – Extend to Chugach/Eagle River

The borough decided to incorporate more stringent review & inspection; the builders will pay for additional plan reviewers via the building permit that will be required. Engineers who can sign & stamp residential construction don’t have to have any knowledge of earthquake engineering or seismic code...

Scher – independent inspectors familiar with code would have caught the issues that caused problems in earthquake

Athey – will probably get pushback from State Fire Marshall’s Office because they don’t inspect small residential structures

Scher – if state adopts code, the Fire Marshall WILL be looking at these buildings; and will need more staff

**Action:** Kelly and Strait will liaise on this issue to appropriate entities and investigate Commission options for support

### 5. General Discussion

- a. Public Comment

Barrett Salisbury - DGGs earthquake response guide will be updated in response to the November

earthquake, new version will be sent to Commission for review.

Has submitted application to fill Stevens' seat.

**b. Commission Members**

Scher – any news from Boards & Commissions on insurance representative? Yes, Michael Devine

Kelly – DGGS administrative staff to replace April Woolery; yes, Julia Garrity

Kelly – legislative audit

Scher – John Aho needs more recognition; just named one of Engineering News Records Top 25 Newsmakers in the country, also WSSPC award

**6. Administrative Matters**

**a. Budget Report**

Stevens - \$3,632.45 expended so far, does not include some travel expenses for November 2018 meeting.

**b. Commission Audit**

ADJOURNMENT –

Motion to adjourn

Stevens

Seconded Gladsjo