

# Meeting Minutes

**Thursday November 8 – Friday November 9, 2018**

DGGS Geologic Materials Center 3651 Penland Parkway, Anchorage

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

*Vice-Chair (Acting Chair): Laura Kelly*

November 8, 2018

Began 10:15am

## 1. Opening

- Call to Order;
- Roll Call –Present: Dan Belanger, Garret Gladsjo, Laura Kelly, Natalia Ruppert, Buzz Scher, Jennifer Shockley, De Anne Stevens, Sterling Strait. Athey & Gibbs excused; no guests;
- Chair Comments – L. Kelly
- Ethics Act
- Commission Rules of Procedure
- Approval of Agenda;
  - Kelly discussed APDC addition to agenda (guests at 10am Friday);
  - Scher asked about DGGS eq response plan and relation to ASHSC eq response plans;
  - Strait suggested commissioner introductions (was done);
  - agenda approved by Shockley as amended by Strait, second Scher; all in favor
- 06 September 2018 Meeting Minutes; Scher approves, Strait seconds; no discussion, no changes; all in favor
- Public Comments: none
- Chair Comments: made earlier

## 2. Commission Overview

- Commission website: viewed on screen
  - Other Commission websites;
  - WSSPC mentioned (Patty Sutch retiring, new person coming in; Belanger);
  - EERI (administered grant for RVS of schools);
  - California & Utah Seismic Safety Commissions
  - Back to ASHSC website:
    - Kelly requests RVS studies for Juneau and Sitka to be posted;
    - Belanger asks if they are forwarded to Dept. of Education, Kelly says we should;
    - annual reports for 2017 & 2018 need to be completed and posted on webpage, sent to Governor's Office and Boards & Commissions;
    - Belanger suggest replace The Tsunami Society with National Tsunami Mitigation Program – Belanger motions to change, Ruppert seconds, discussion (Scher- is it difficult?), all in favor;
    - replace West Coast & Alaska Tsunami changed to National Tsunami Warning Center (Strait moves, Ruppert seconds, all in favor)
- Review Rules of Procedure:

- Stevens notes that website version of the doc is not the most recent version;
- Scher notes that Commission needs to execute some business that is not a formal meeting, done by email and ad hoc phone call (esp. post-eq meetings) that is not announced ahead of time
- Commission In-Person Meetings: How many times a year meet? –
  - twice is important if we can (Kelly) if SOA permits;
  - Belanger suggests Dutch Harbor,
  - Juneau (during legislative session? Shockley);
  - Belanger suggests surveying Commissioners for availability dates for next in-person meeting – we Doodle (Kelly)

### 3. Projects

- Review Strategic Plan;
  - begin with commissioning the commission (how we got to charter);
  - articles->strategic plan;
  - we need to demonstrate forward progress;
  - each commissioner should be working on something;
  - will dive in deeper after lunch
- Election of new Chair: elect now, re-affirm in January along with vice-chair
  - Shockley moves Sterling Strait be elected to Chair; Gladsjo seconds; no discussion; all in favor
- Strait motions recess for lunch at 12:30, Stevens seconds.

*Reconvene 1:20pm*

*Chairing of meeting turned over by Kelly to Strait.*

- ASHSC momentum:
- Strategic Plan Projects will be combined with Strategic Plan documents;
  - John Aho made first efforts at updating, it needs to be taken on by someone?
  - Or as a group via GoogleDocs?
  - Shockley suggests remove names of current ASHSC membership,
  - Belanger replace with link to Boards & Commission webpage of membership;
  - Stevens remove and retain accomplished implementation strategies as appendix;
  - Kelly include statutes as part of Plan;
  - Shockley review each of three sections on 3-year cycle, starting with 3.0 now;
  - Strait suggests compiling all existing comments, disseminating to individuals who will champion objectives and bring suggestions to next meeting
    - Objective 1 – Kelly;
    - 2 – Ruppert;
    - 3 – Gladsjo/Strait/Gibbs;
    - 4 – Shockley;
    - 5 – Stevens/Salisbury;
    - 6 – Belanger
  - Note: Kelly was told by DOT that they would take over schools maintenance, along with other State/public facilities; they can access federal funds; this will be built into Objective 1
  - Scher points out there is a 7<sup>th</sup> power & duty of the commission that is not addressed in the current strategic plan.

- Gibbs – Commission could conduct public hearings as part of a strategy to achieve an objective.
- Earthquake response plan: 1-pagers are being used and appreciated; the policy was last updates in 2017, it is good as is for now
- RVS summary and next steps:
  - ASHSC finished(?) with RVS of schools for now;
  - Gibbs - Fairbanks is doing other public structures;
  - secondary survey is an issue – these are very expensive;
  - Fairbanks has competition for funding from energy efficiency projects;
  - Belanger speaks to FEMA grant programs that might fund this kind of work;
  - Kelly - APDC wants to take updated RVS 1-pager to find funding;
  - Strait suggests local engineers could do RVS for other communities;
  - Belanger - NEHRP funding for RVS training of local engineers;
  - Kelly – what about other essential facilities (fire, police, etc.) – could do additional screenings but Kelly spent a lot of time on them and feels case has been made, now need to act on them! Next step is to figure out legislation to set aside funding for engineering assessment and retrofit of this statewide problem.
  - DOT may be better able to prioritize these schools as part of their portfolio;
  - APDC may be able to be lobbying body to get funding for engineering assessment or beyond.
  - Kodiak got 75% federal funding for their retrofit (NEHRP), needed 25% match plus engineering assessment which was gotten from State and local bond measure.
  - Strait – can we use Oregon, California, etc. for a model law with APDC for how to get legislation for funding.
  - APDC will help us formulate the want.
  - Aim for February for APDC fly-in to present the need. Gibbs – beware of lobbying as State Commission, we are not lobbying, APDC is using our recommendations and findings to pursue logical next steps.
  - Belanger – there are schools in tsunami zone.
  - RVS 1-pager: Scher – remove BBFM from bullet (can't advertise); FEMA risk “less than 0.1%” instead of 0.06%
- Policy recommendations:
  - Shockley – do them systematically a few each year;
  - Scher - go through and review for what their motivation/background is; do we revise, or let sunset and do a new one of PR 2015-2 for the next step (engineering assessment);
  - Kelly – create new PR for next step so communities that haven't yet been RVSeD will not be left out; also a new PR for retrofit.
  - Scher will draft PR for engineering assessment with Gibbs & Belanger.

*Break*

- PR 2018-1: Strait, adopt ATC-20 for building evaluations;
  - Scher points out during audit PRs were not clear in what was being asked/recommended as actions, need to be specific;

- Two PRs – one to DHS&EM for ATC20 and one to the engineering organizations for Cal OES (certifications).
- Stevens suggests include ATC45 (wind and flood) via tsunami flooding connection.
- Strait will write up Cal OES,
- Belanger will revise ATC20/45 language.
- Need to include implementation & assessment strategy (action plan for implementation).
- Strait – Canadian disaster implementation and licensure person for presentation->British Columbia Housing Department – Steven Bibby and Richard Meacham (sp?).
- Strait: Good Samaritan liability concern for post-disaster response. PR2011-14 – ASHSC received response to State Department of Law that folks were likely covered; but new legislation would be helpful; worth revisiting; do volunteers become deputized? Does that change their volunteer status?
- ATC20 training sponsored by ASHSC, paid for part of costs (attendees paid \$20 each).
- Gladsjo – FEMA urban response team presentation, AK has no FEMA Type I task force (they include structural engineers and search & rescue, firefighters, etc.);
  - Belanger - DHS&EM has MOA with Lower 48 teams

*4:52pm – Belanger motion to recess, Kelly second, all approve*

*November 9, 2018*

*Begin 9:00am*

#### **4. Call to Order;**

- Roll Call - Present: Dan Belanger, Garret Gladsjo, Laura Kelly, Natalia Ruppert, Buzz Scher, Jennifer Shockley, De Anne Stevens, Sterling Strait. Athey & Gibbs excused; no guests;
- Review agenda;
- Kelly add item for certificates of appreciation for exiting members;
- Chair Comments

#### **5. Briefings**

- DHS&EM – Belanger, fall sea storms impacting Kivalina/Kotzebue (lack of sea ice, southern flow of storm impacts Kivalina w/erosion); AK Harbormasters & Port Authority conference in Seward – briefings on LNG projects wrt ports; Seward inundation 2.0 harbor report in tsunami; many ports not well equipped to handle a tsunami or all-hazards event; Valdez finishing new harbor; Whittier working on new loading/launching area by old tank farm at east end; N. Slope Borough erosion disaster open (substandard materials for reinforcing harbor front) – need armor rock and riprap; grant applications are open for hazard mitigation projects. Strait – deepwater port in Kotzebue/Nome? Dredging and new deeper dock.
- DGGs – Stevens, Homer/Seldovia tsunami inundation report; DGGs earthquake response plan, including eq clearinghouse; upcoming tsunami reports & studies

- AEC – Kaktovik eq cluster and another one to SW; 4.2 in Hooper Bay; Kodiak event still having aftershocks. Earthscope – entire state is covered, recording record numbers of earthquakes; awarded \$1.4M from USGS to adopt 43 stations in high-population/high-seismicity areas for Earthquake Early Warning; NOAA-NWS has interest in stations in North and NW AK. AEC hoping to adopt 30-40 more stations.
- Coast Guard – Kelly, Coast Guard acquiring 6 fast response cutters (Kodiak [2], Sitka, Seward are first priorities); for law enforcement (fishing, drugs; white)/work vessels (buoy tenders; black)/arctic explorers (ice cutters; red); bring a lot of people and infrastructure with them.
- Strait - Other reports, briefings, conferences?
- Scher - Anchorage Geotechnical Advisory Committee, municipality adopted 2015 IBC, working on local amendments to adopt 2018 IBC; State adopted 2012

*Matt McGuan (President of Juneau Branch of Alaska Capital Engineers/ACE) calls in at 9:59am for presentation; standing by*

- Upcoming meetings:
  - Belanger – NTHMP annual meeting in January in San Diego, hopefully tsunami workshop in Kodiak in March
  - Belanger: WSSPC – Patti Sutch to retire in February; eq program managers meeting in April/May

## 6. Presentation

*Greg Kinney (APDC) calls in; David Gibbs calls in; Jay Koridowsky with PDC Engineers calls in*

- Matt McGuan: ASPE/ASCE (American Society of Professional/Civil Engineers); legislative fly-in organized by APDC for public policy & education; February 6&7, 2019, this year; APDC maintains lobbyist to advocate for issues important to the organization; coordinate luncheon with fly-in (Laura Kelly will be speaker); may build fly-in around school seismic hazard; Infrastructure Report Card was emphasized last time; ASCE is member organization of APDC.
- Greg Kinney: fly-in is annual event, coordinates with 9 member societies (surveyors, architects, designers, engineers); convey consensus on issues of importance (e.g., licensure, new members, engineering programs at university, building of engineering building at university, qualification-based selection & better awareness of QBS in selection of professional services); service issue for fire marshal reviews is also top item; became aware of seismic safety of public structures (esp. schools), can they formulate a policy position around this for fly-in; dovetails well with infrastructure initiative that ACSE has.
- Scher – which legislative session is fly-in focused on?
  - Kinney: Coordinate through Legislative Liaison Committee a few weeks before to draft position statement, formulate an ask to bring in to session; John Walsh, the lobbyist, sets up meeting with the legislators (they have been there a month or so, still have a couple months to go before end of session)
- Strait – capital funding? Line items?
  - Kinney: This is multi-year effort, it needs to begin somewhere; need to formulate an ask, is there enough info to launch into design work? Preliminary studies still

needing to be done? Hearings in Juneau give opportunity to show up and speak to the issue, they call in at that time.

- Kelly – ASHSC has met with legislative committee members in past, handing out annual report and emphasizing issues; we can hand off materials to APDC but don't have resources to do more; we have evaluations for many schools but not all, it's a start but isn't done; RVS-to-retrofit needs additional interim steps (materials were send by Kelly to APDC); also, other entities have prioritized these issues (e.g., British Columbia, Kodiak); other states have created funding and process to do the screening/evaluations/retrofit steps. ASHSC could coordinate with APDC for the ask.
- Gibbs – working on secondary analysis in Fairbanks, resulted in one school being so bad (worse than thought it would be) that it needed immediate replacement. Alternatively, some schools with poor scores can be found to be much more resilient than RVS score suggests.
- Alison Purchase (sp?) in Oregon is poised to work with APDC on seismic retrofit on schools. Strait has contact in BC.
- Strait – next step is working session with APDC;
- Scher – what can we provide that is of most value for fly-in, given that ASHSC cannot lobby
- Gibb - Alaska Municipal League (AML; owners of these facilities) should be brought in to APDC/ASHSC partnership to move forward;
  - Kinney – David Gann (Lounsbury) and Kinney will be presenting to AML on Infrastructure Report Card, can work in the school seismic problem; is there a recent compendium of RVS results; need updated 1-pager before presentation Thursday morning in ANC; provide information for slides by early next week. Should ASHSC have representative at meeting? Membership organization, not really open for casual attendees.
  - Each community should state it as priority project, AML takes it up as AML priority and lobbies on their behalf.
  - Draft 1-pager with DRAFT watermark to be sent to APDC by end of ASHSC meeting; updated version appropriate for handing out by next week.
- Strait: need to schedule work session with APDC; initial meeting in early December and expand to more detailed work session later; earlier is better; CRW is site of ANC meetings for work groups. Kinney: this will be agenda item on APDC December meeting.
- Jake w/ PDC: ask from ASHSC regarding schools – maybe more of a mandate that they investigate schools, put it ahead of the small bits of work that is usually done piecemeal all over the schools; Strait – rolling yearly program that progressively gets all the steps done. How to approach as combined strategy.
- Scher – what is role of ASHSC in the actual meeting with legislators?

*Guests Sign-Off at 10:56am*

- Need to check into dos and donts of how we could have ASHSC representative in Juneau informing legislators. Need to pre-inform DNR ASHSC intent to go down the week before fly-in to distribute information (followed a week later by APDC lobbyist).
- Ruppert – what about partnering with PTA? They have some influence. Send 2-pager to PTS, get in touch with state president; they put forward position papers.

- Get this information to the organizations that have a stake in it and can act – school administrators (school board?), teachers (NEA), parents, AML, APDC, boroughs/school districts, DOT?; another agenda item for outreach to share our communications with
- Strait: now or later for getting this out to larger group?
- Gibbs: Prime the pump for 2020 legislative session; send this info to interested groups with “information trapline”; this is a bigger strategy going forward, Commission survivability
- Inform DNR commissioner of proposed plan to circulate info in advance of fly-in
- Shockley – Motion for Stevens & Kelly to prepare 2-pager for consideration for APDC fly-in: Gladsjo seconds; discussion – Strait – drafts will be sent around to Commission, situation will be presented with DGGG Director and DNR Commissioner; all vote in favor
- Kelly motion - Kelly coordinate as rep of ASHC with APDC legislative fly-in: Ruppert second; all vote in favor
- Revise web page to add RVS schools, above Annual Reports to Governor

## 7. New Business:

- Boards and Commissions Request
  - Strait will respond to Boards & Commissions request
- ASHSC Priority areas
  - Schools/public buildings and earthquake safety, ATC20/45 integration with engineering community; on-call when eqs happen for 1-pagers and other response; support strong seismic network to better understand seismic hazards
  - Seismic network discussion – keep station adoptions on radar with governor & legislators; about \$25K to adopt a station, more needed to run them; on state level need to re-educate new administration; this info is out there and can be linked to
    - Strait – what do we do to make this a priority? Update/issue PR? Support and advocate for this. Ruppert - Needs to go to Governor, legislature, university president, U.S. delegation, new DNR Commissioner
    - Kelly moves to prepare new PR for seismic station adoption; Belanger seconds: Ruppert and Scher will draft new PR by early January
- Annual report will be discussed after lunch
- Strait makes motion to move forward with the two ATC20/45 PRs discussed yesterday, sent out and approved by email prior to meeting, Gladsjo seconds; all approve
- Belanger – ever done a multi-state and BC seismic commission meeting/conference?
  - Kelly – have invited reps from Utah, Oregon commissions; Scher – tried having afternoon session at WSSPC meeting, didn’t lock in;
  - Kelly – EERI created special subcommittee on just schools for seismic commissions; Belanger – British Columbia is always left out, can we integrate? A seismic summit for reps from all areas? Get funding from NEHRP to bring this together (like Next Big Earthquake meeting)? Or piggyback on existing EERI/WSSPC meeting.
- Strait moved to break for lunch, Belanger seconds; all approve

*Reconvene 1:20pm*

- Any more discussion on coordinating with other seismic commission or new WSSPC director for coordinated meeting?

- Outreach to other agencies, Objective 5, should address this; De Anne & Barrett
- Kelly: revisit re-chartering document, look at team membership page and update with what each can specifically contribute via long term/short term specialty/goal
- Kelly – RVS, as Vice-Chair assist Chair with management; need to update dollar amount spent on RVS on 1-pager (Belanger)
- Commissioner Backgrounds - Strait
  - Belanger – took over from Kim Stuart; eq & tsunami overlap in DHS&EM outreach efforts; working with communities and making science communication effective; bring right professionals into communities to share info; AK born & raised, personal vested interest, here for the long haul; important that his work is making a difference to people in AK; get the right people together
  - Gladsjo – general civil engineering; strong technical writer, proposals & contracts; engaged in networking, located in Juneau; can be face in Juneau if policies need explaining, hands shaken; contacts at DOT&PF in Southeast Region and Statewide
  - Ruppert – eq knowledge, not ready to come up with personal statement & goals
  - Scher – 40+ years passionate about dirt; geotechnical engineering is specialty; outstanding technical writer; goals – in 10 yrs on commission, get commission recognized beyond the commission; eq early warning system looked at by state, governor was not aware of ASHSC and did not invite commission to be on working group; historically projects have been projects of passion for individuals, wants to see the commission function as a body, not individuals
  - Shockley – first responder/EMS, experience with “herding cats” in events; more focus now in emergency planning & mitigation side and applying to community; pretty good writer; process-oriented, likes consistency; need to get more info out so communities are better prepared (esp. rural)
  - Stevens – take DNR responsibility and support for ASHSC very seriously; finish what has started (RVS 2-pager, oversight of Kodiak report), remain engaged to extent possible (web page, 1-pagers?), facilitate efficacy of Salisbury’s efforts as potential next DNR representative
  - Strait – vertical structural engineering, worked in bush AK; give back to community as part of your profession; seismic coordinator for TAPS; how do we spread things we learn about responding to events to the wider audience, how to get plugged in
- (discussion of Kodiak scenario project; Kelly suggests possibility of scenario study or studies as long term goal)
- Scher – why can’t strategic plan be structured based on our current four goals? Let’s talk about it more at next meeting

## 8. Old Business

- Other projects: ATC20/45 – no further discussion
- Certificates of appreciation to exiting board members; get from West or Woolery’s files;
  - Strait will contact West and coordinate with Stevens

## 9. Critical deadlines:

- Ethics report submitted for third quarter 2018
- Annual report – 2018 gets started in December/January; 2017 needs to be completed; Strait will get draft report and update it to final approval, get to Stevens

## 10. Reports



- Scher – 8 or so standing committees in past; do we want to resurrect or restructure them? Is project- or task-based sufficient?
- Action Item list – could take place of Committee Reports section of the agenda
- No public present for discussion

### **11. General discussion**

- Ruppert, very productive;
- Scher, face-to-face very important;

### **12. Administrative Matters**

- Strait, regular schedule of meetings on Monday afternoon for 1.5-2.0 hours; 1:30-3:00pm on nth Monday of every other month
- Next face-to-face in May timeframe, will nail down in January or March teleconference; location TBD; Kelly – what about having next face-to-face during or around fly-in in February?
- Gladsjo – can we use ASHSC funds to send commissioners to training or conferences?
- Second face-to-face in ANC, send some reps to Juneau for fly-in (including Strait as Chair)
- Ruppert motion to adjourn, Kelly seconds, all confirm.

*Meeting adjourned 3:15pm.*

### **Action Items:**

- Juneau and Sitka RVS reports posted on web page
- Update ASHSC acronym list
- Action Item list update
- Replace The Tsunami Society with National Tsunami Program on web page
- Replace West Coast & Alaska Tsunami with National Tsunami Warning Center on web page
- Update Rules of Procedure document with 2013 current version on web page
- Strait compile current comments on Strategic Plan section 3.0, disseminate to Commission; Champions review & update objectives by January meeting
  - Objective 1 – Kelly; 2 – Ruppert; 3 – Gladsjo/Strait/Gibbs; 4 – Shockley; 5 – Stevens/Salisbury (include working with WSSPC & seismic commissions for future joint meeting); 6 – Belanger; 7 – Scher
- Update and expand RVS schools 1-pager (De Anne) by Nov.14
- Draft PR for engineering assessment of schools (Scher with Gibbs & Belanger)
- Strait will write up Cal OES PR, Belanger will revise ATC20/45 PR language
- Send draft RVS 1-pager to APDC by close of meeting
- Revise web page for RVS screening section
- New PR on seismic station adoption (Ruppert & Scher)
- Respond to Boards & Commissions request (Strait) – November 20 deadline
- Update dollar amount spent on RVS of schools for 1-pager (Belanger)
- Certificates for exiting board members – Strait and Stevens
- 2017 annual report finalized & circulated – Strait; posted on web site (Stevens)
- 2018 annual report drafted – Strait
- ASHSC Google drive – add new commissioners and make Ruppert administrator (Ruppert work with West); current Chair & Vice Chair should also be administrators

- Commissioners review/comment on DGGS eq response document