

JULY 21, 2020 SEISMIC EVENT RESPONSE MEETING MINUTES

22 July 2020 (Wednesday) 2:00p.m. to 2:32pm

Call-in line (907-677-7209)

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

1. Roll Call

- Call to Order (Chair) S. Strait @ 1:03 pm; Roll call (*Staff*); Guests
Present – D. Gibbs, L. Kelly, P. Nelson, D. Neuffer, N. Ruppert, B. Salisbury, S. Strait
Not Present – M. Devine, G. Gladsjo, K. Trimmer
No Guests, no members of the public on the line.

2. Post-Earthquake briefing: UAF Alaska Earthquake Center

- Recap of the event from Natasha Ruppert: The event occurred under the westernmost edge of the Shumagin Islands with a magnitude of 7.8. This is a subduction zone earthquake. This earthquake is similar to the 1964 earthquake, just much smaller. The rupture patch is 120 miles long X 60 miles wide under the southwestern of the Shumagin Islands. This earthquake had a large rupture area with a little fault slip and hardly any ocean floor deformation. Tsunami warnings were sent out to all of Alaska coastal communities. The earthquake didn't generate a tsunami larger than 6" because its motion along the fault was not significant only 3-4 meters, not displacing much water. Strong to moderate shaking was felt from Unalaska Island to the Alaska Peninsula, light shaking was felt on Kodiak Island to Anchorage. Aftershocks will continue for many weeks and months.
- L. Kelly – clarification on earthquake & tsunami information provided – N. Ruppert & B. Salisbury clarify information presented.
- **Post - Earthquake Update: DGGS - Division of Geological & Geophysical Surveys**
Discussion on what this means;
B. Salisbury: because recent seismic imagery of plates, there is a potential for a large earthquake in the Shumagin Gap. Monitoring of aftershocks, rupture zones & plates.
S. Strait – Impact on Barry Arm Slide?
B. Salisbury - Hasn't heard anything, earthquake was too far away. Closer & more shallow earthquakes would trigger more slides.
D. Neuffer – Is the team looking at Barry Arm Slides triggering events?
B. Salisbury – that team is monitoring the motion, moved at most 1-2 inches. Lidar scans are being processed now.

State of Alaska Response

P. Nelson – Response side of 7/21/2020, within 20-30 minutes emergency center was up and responses out. Tsunami warnings alerts went out to all communities. Individual in Chignik injured when they fell off a truck during evacuation and was medevaced to hospital. Road damage in Cold Bay. King Cove & Sand point may have dock damage. Assessments are ongoing for as long as it takes.

Discussion

- L. Kelly – 2019 Kodiak & Juneau received tsunami notice, tsunami warning wasn't issued for these two cities for this event.
- P. Nelson – different ways to receive tsunami warnings
- L. Kelly – Noticed the system has been refined to eliminate unnecessary tsunami warnings.
- B. Salisbury – social media showing significant damage to Sand Point dock & the State Department will assess the damage.
- P. Nelson – first responder education & public preparedness to aid evacuation in the communities' affected by an earthquake.
- S. Strait – Any other thoughts on event
- B. Salisbury – requests for information flyer on Simeonof Island Earthquake, will generate and post soon.

Adjournment