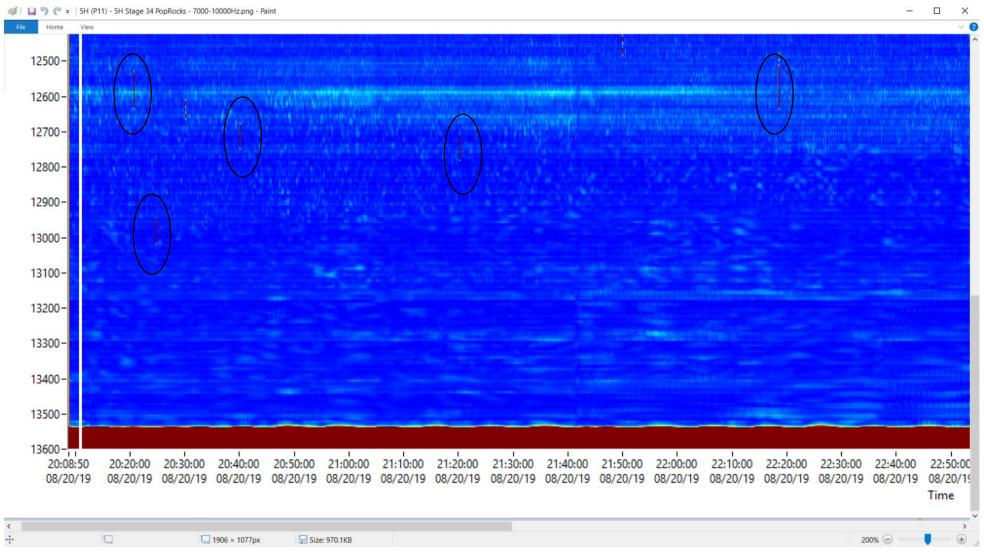
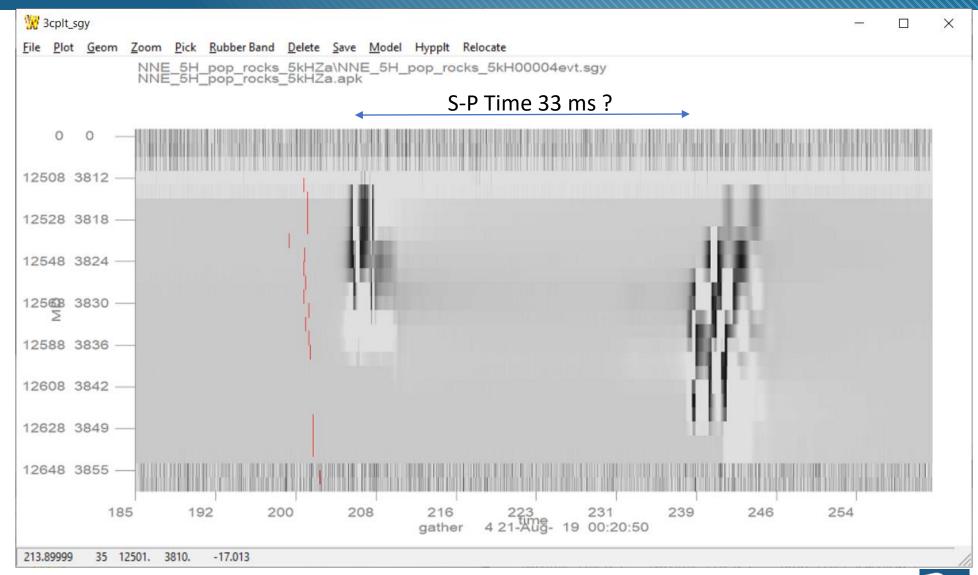


Glitches visible on Boggess 5H Fiber were detected, extracted, and plotted

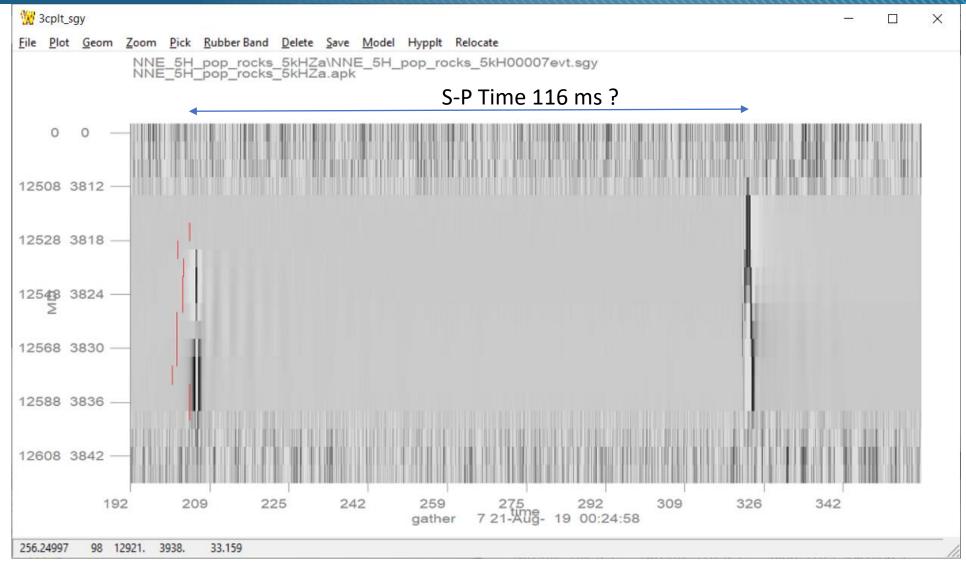




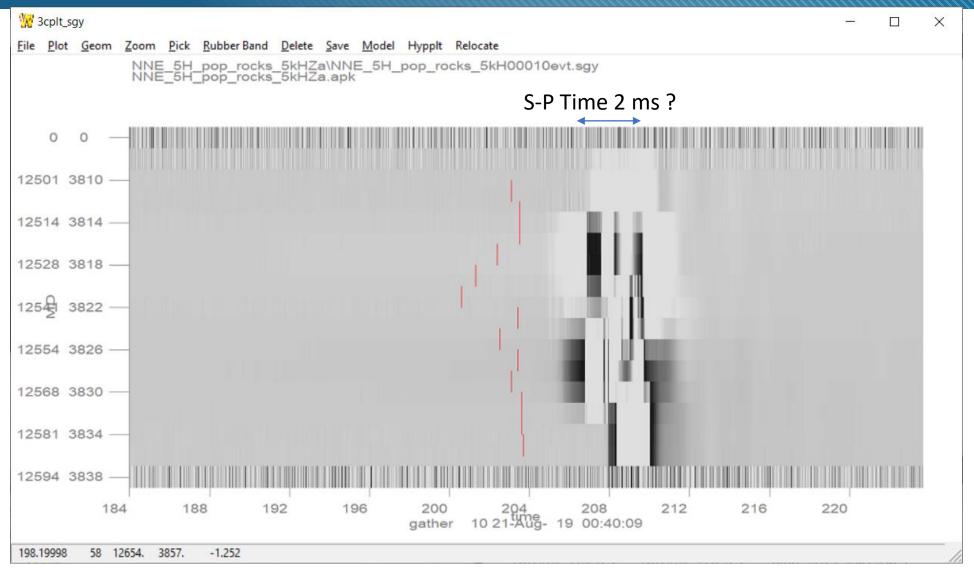
Boggess 5H Stage 34 Possible Pop Rock Waveform Aug 21 0020:50 UTC



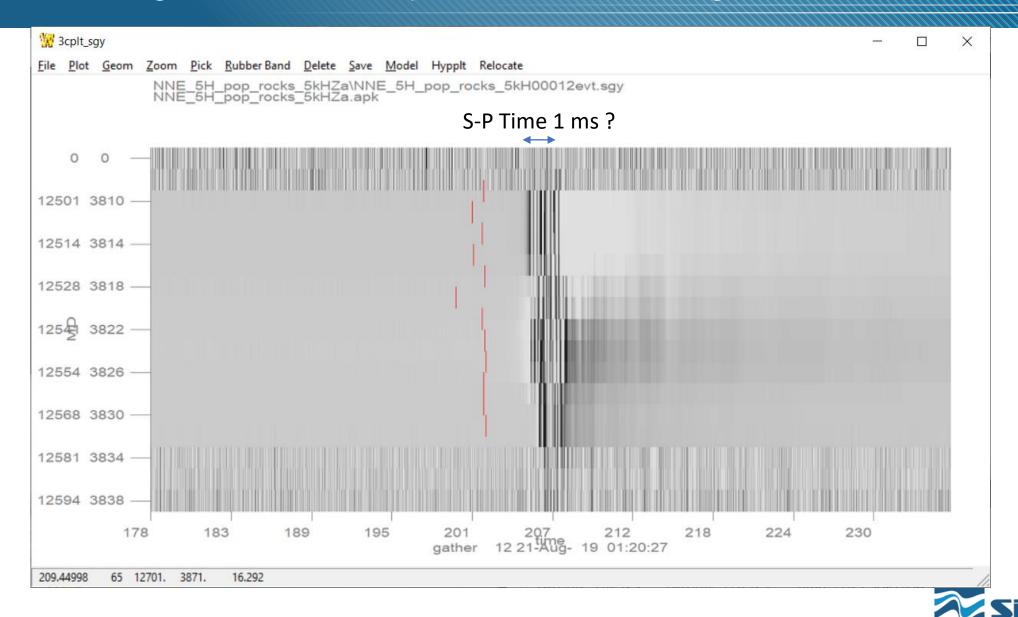
Boggess 5H Stage 34 Possible Pop Rock Waveform Aug 21 0024:58 UTC



Boggess 5H Stage 34 Possible Pop Rock Waveform Aug 21 0040:09 UTC

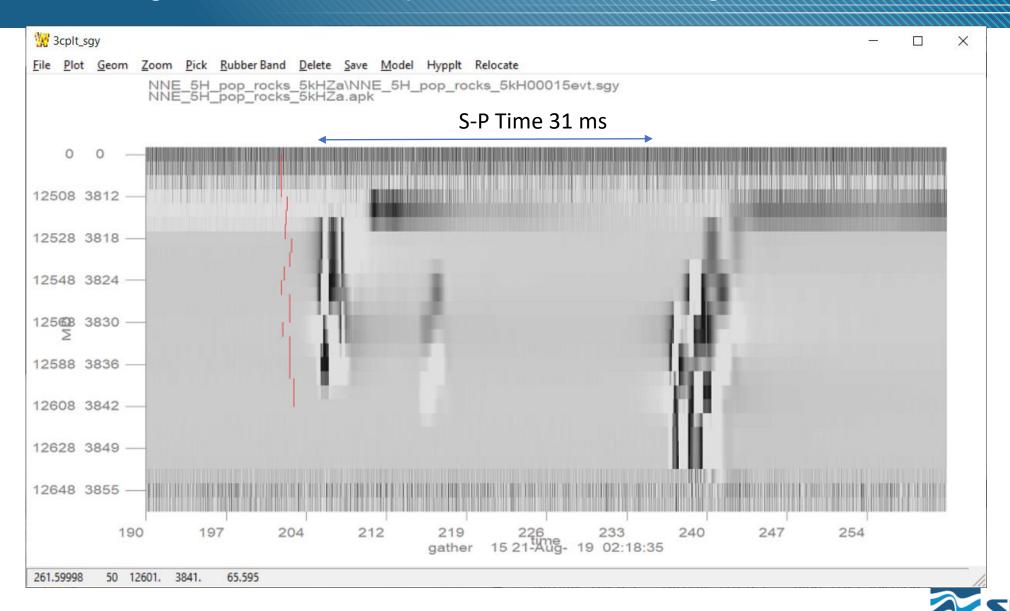


Boggess 5H Stage 34 Possible Pop Rock Waveform Aug 21 0120:27 UTC



sense the difference

Boggess 5H Stage 34 Possible Pop Rock Waveform Aug 21 0218:35 UTC



sense the difference

Observations

- 1. These may be noise glitches, similar to ones observed randomly during normal operations.
- 2. They are very high amplitude, implying very close to the 5H fiber, possibly in the cement.
- 3. S-P Times greater than 2 ms (approx 50 ft) are inconsistent with such high amplitudes.
- 4. Apparent S-P times noted above may be random times between unrelated noise signals.
- 5. There is a hint of P and S moveout (slides 3 and 7), but this is difficult to measure.
- 6. Further study is required.

