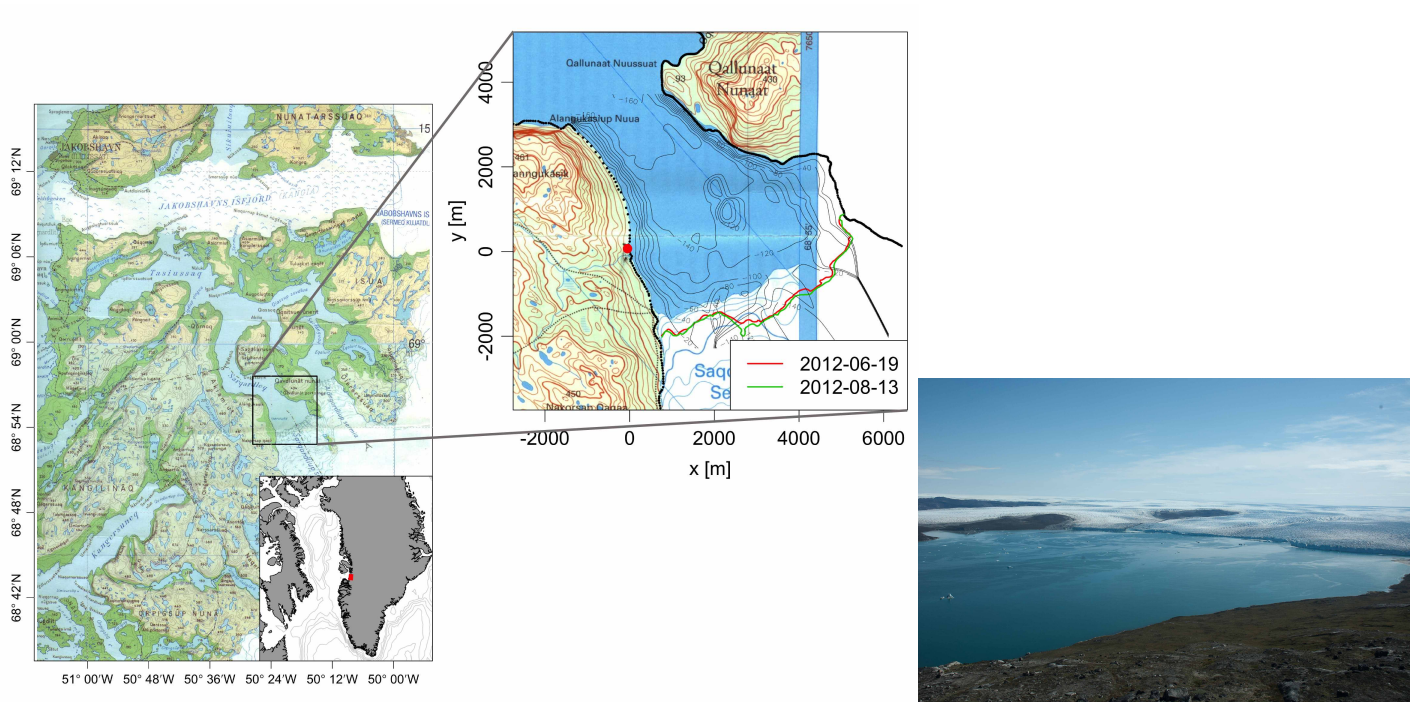


Timing and characterization of glacier calving events from surface waves

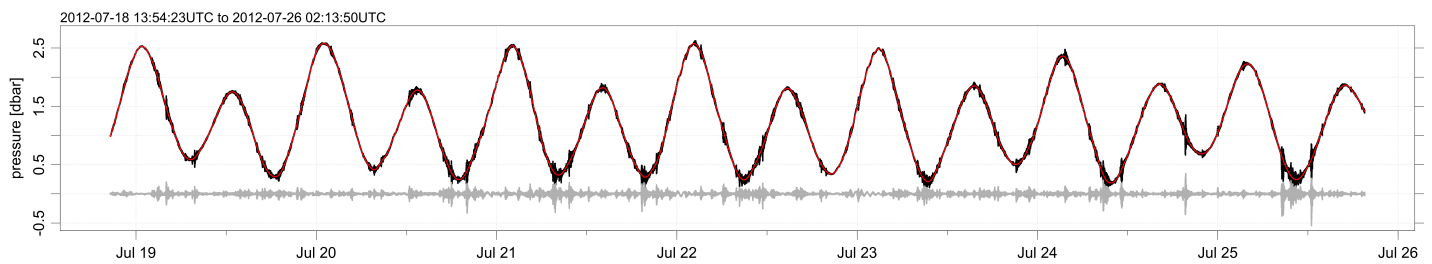


Clark Richards and Fiamma Straneo

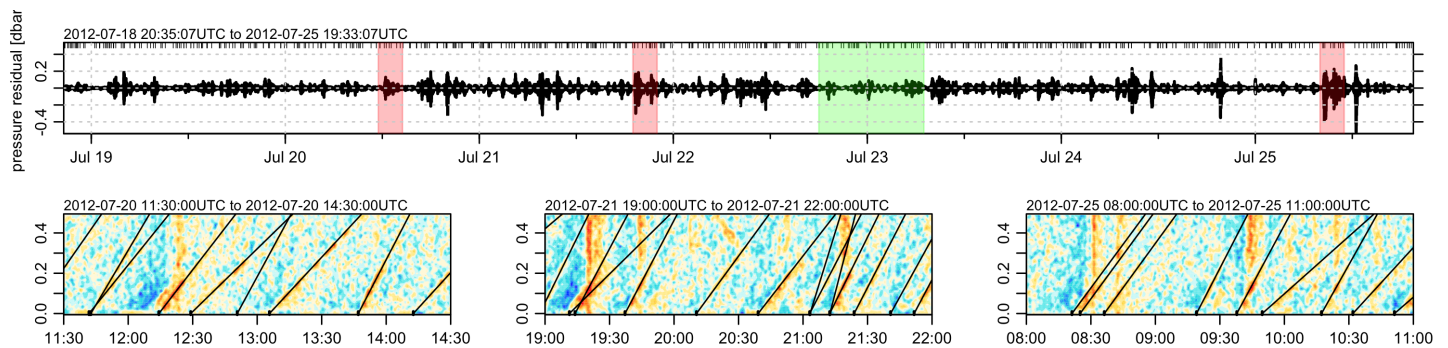
Woods Hole Oceanographic Institution



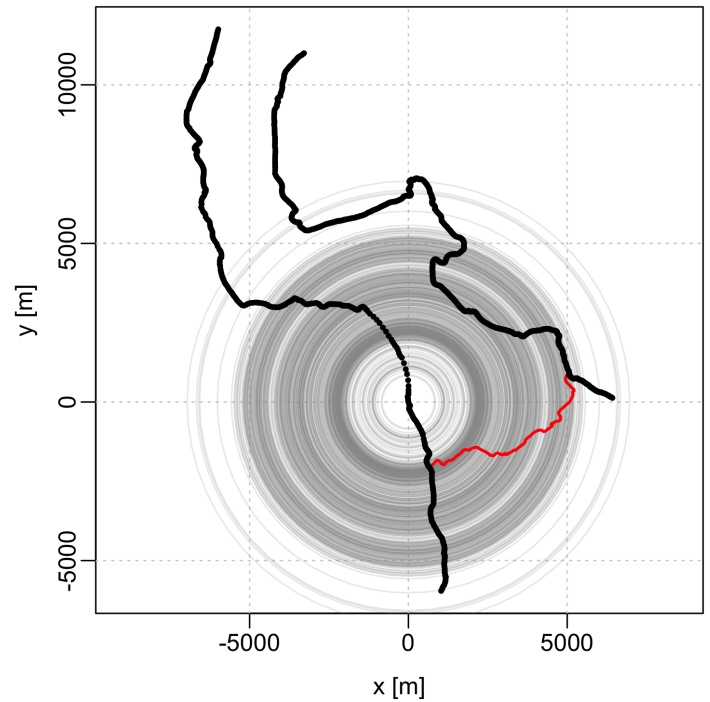
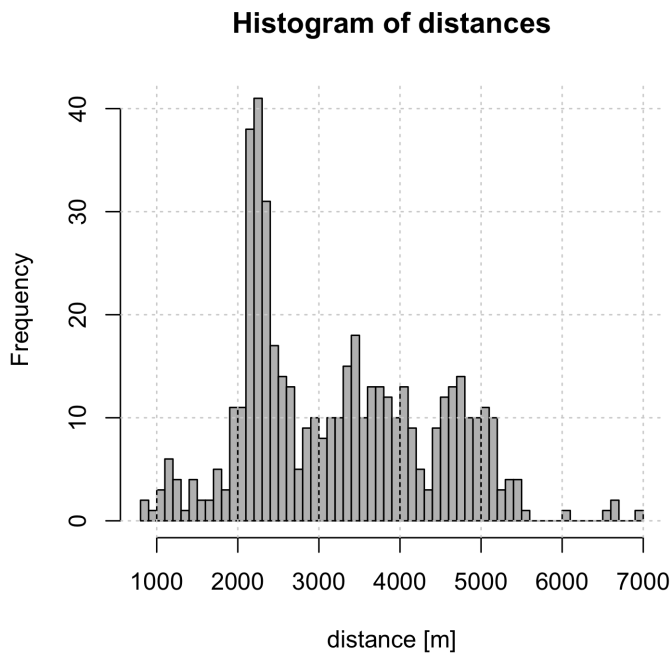
Method: subsurface pressure measurements



Deepwater dispersion: $\Delta = \frac{g}{4\pi(df/dt)}$



Results



- “Cheap” and “Easy” *in situ* deployment for calving detection
- More fieldwork planned for July 2013
- More pressure sensors along with shore-based cameras

