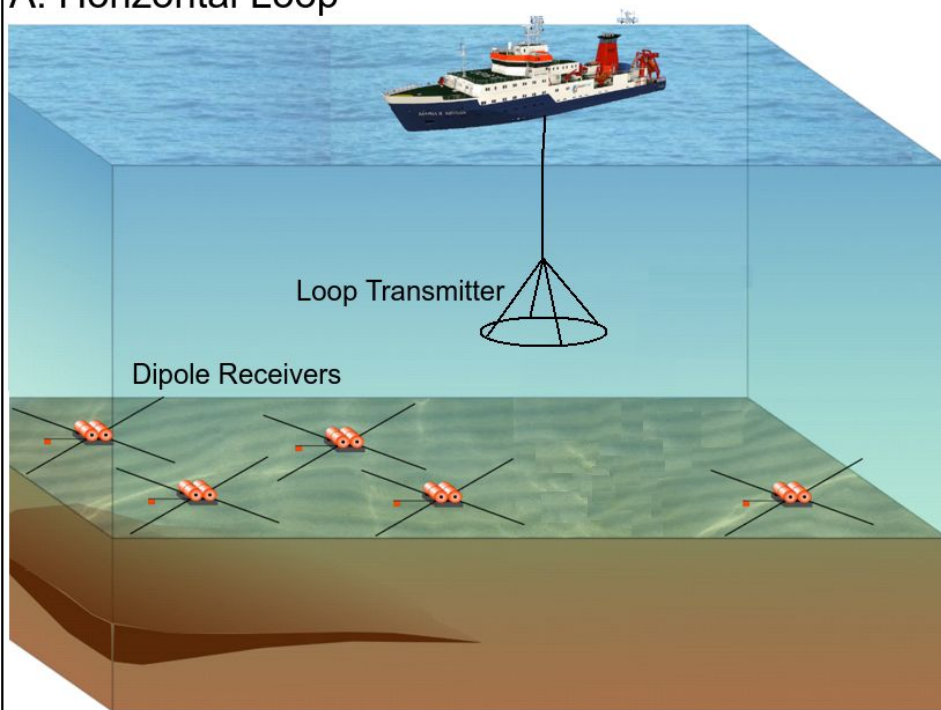


After Petersen et al., 2014

Map of the Palinuro seamount, where shallowly buried massive sulfides have been drilled on the seafloor.

A. Horizontal Loop



B. Vertical Loop

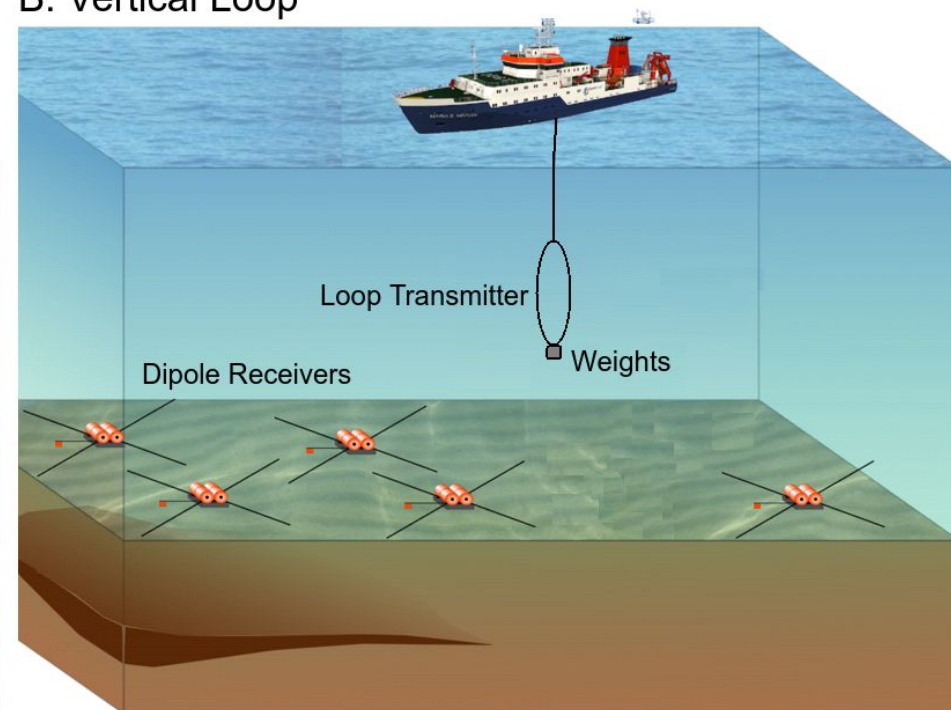
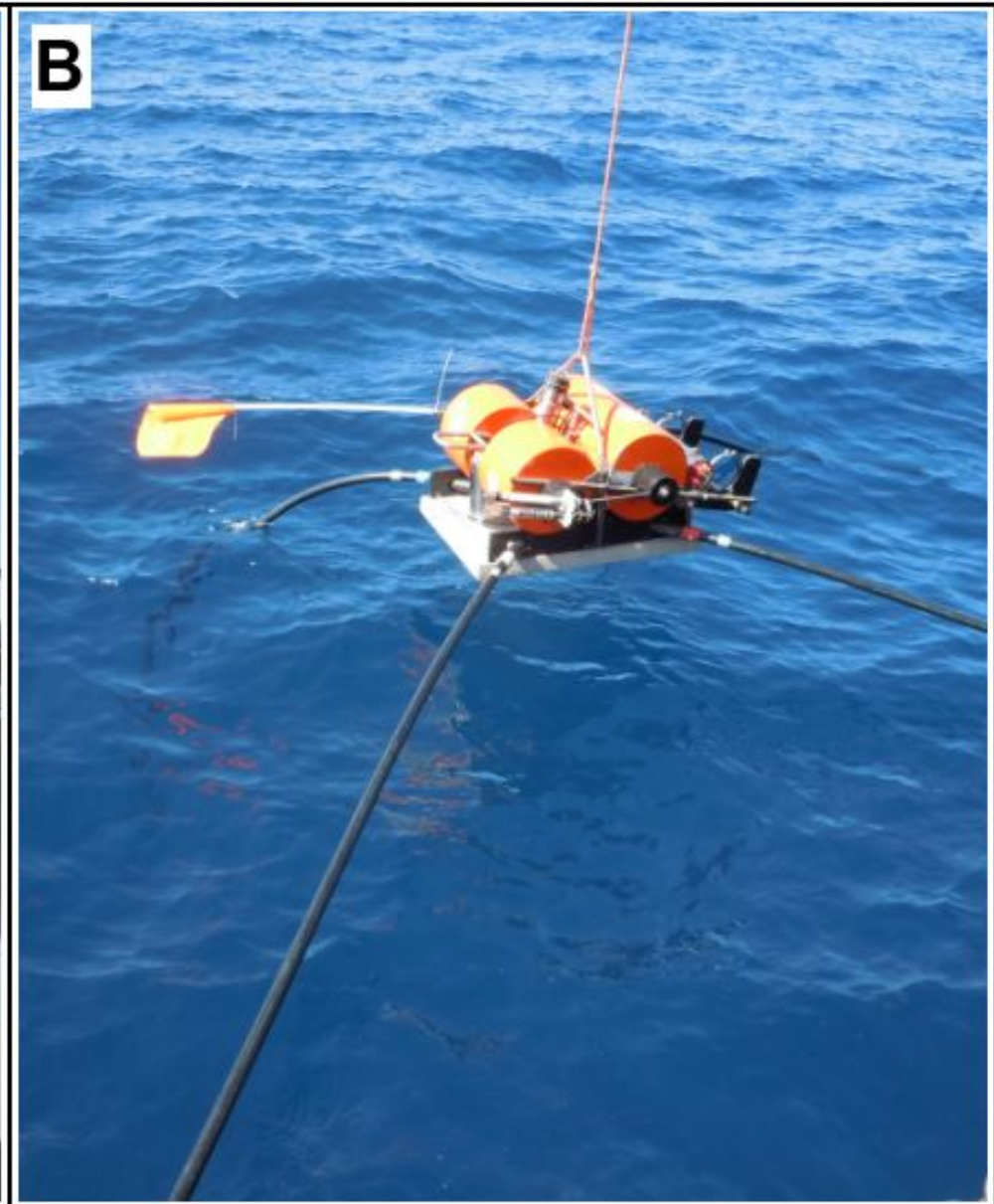
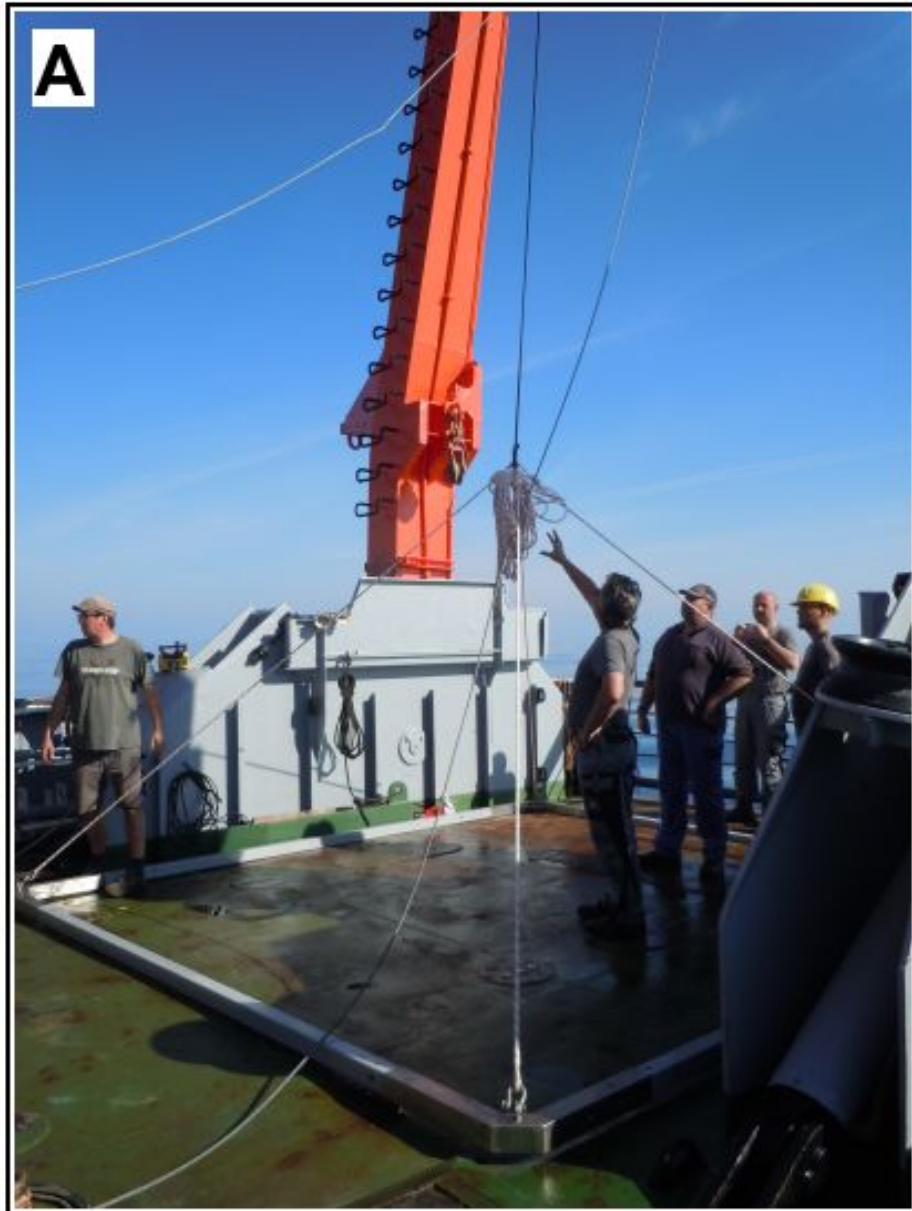


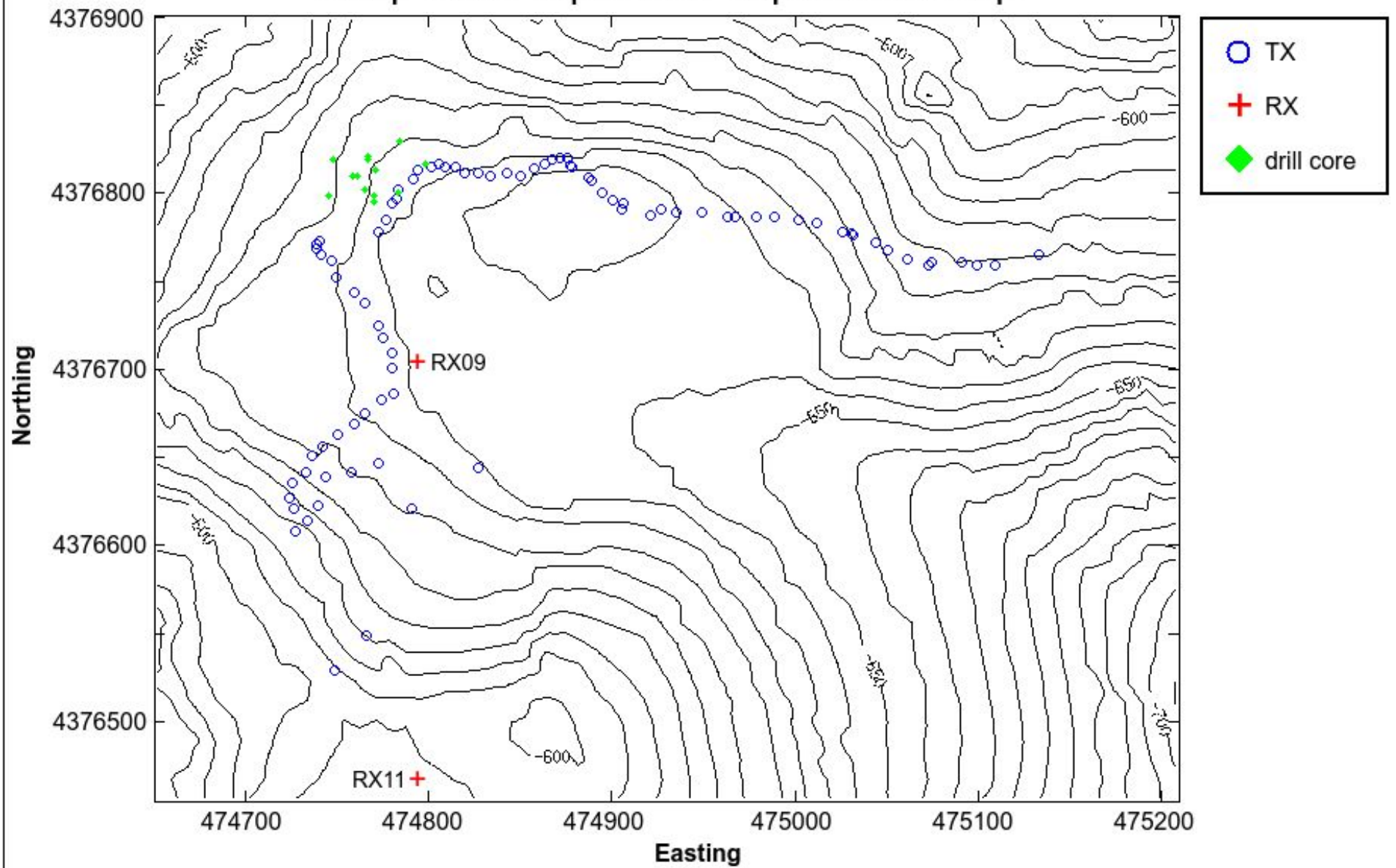
Figure Courtesy Malte Sommer

Diagram of how an inductive source TEM towed-loop survey could be augmented with an array of dipole receivers on the seafloor.

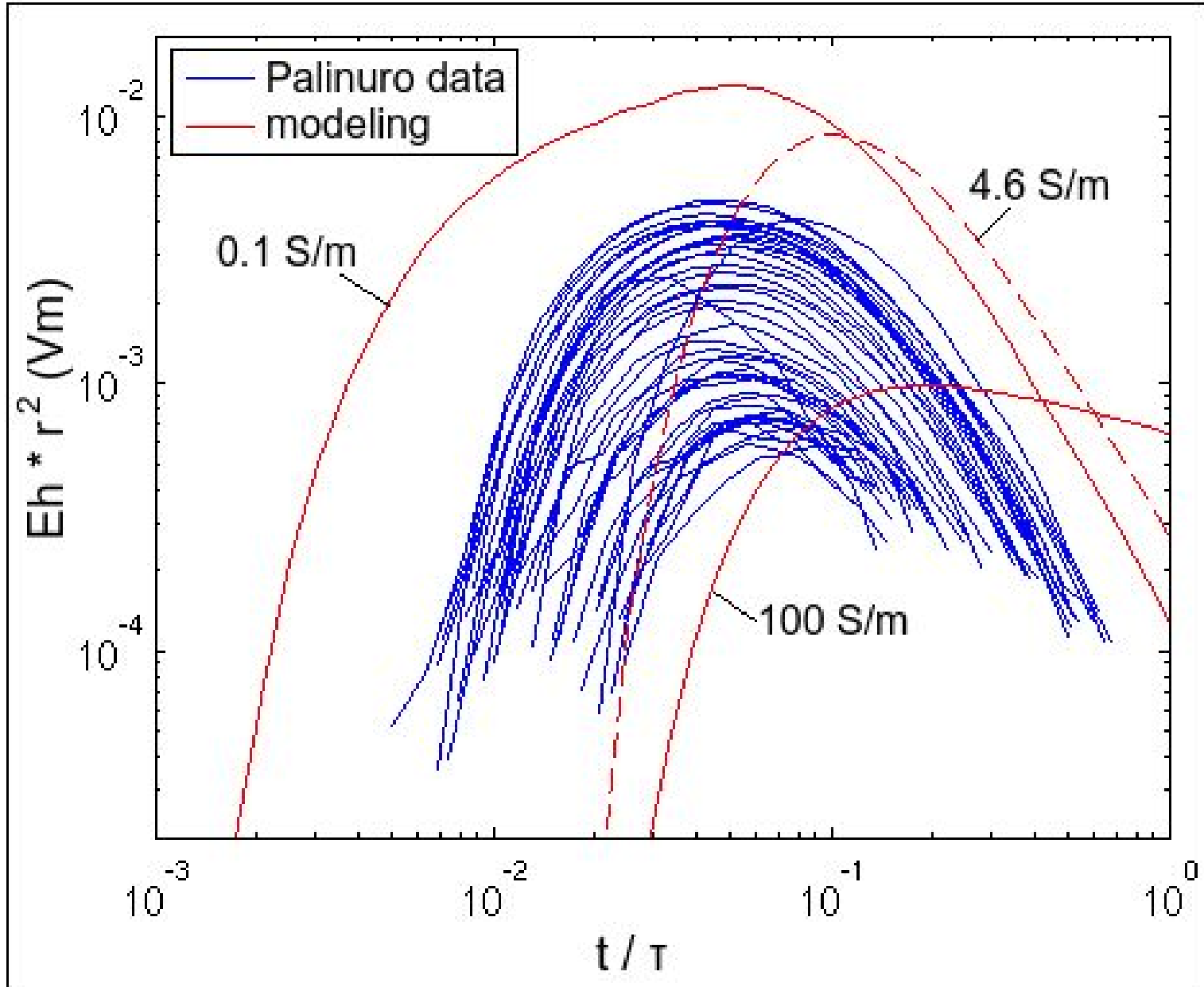


The loop source and a ocean bottom receiver (OBEM) being deployed from the ship

Loop TX to Dipole RX Experiment Map



A map of TX locations, RX locations, and drill holes containing massive sulfides at the Palinuro site.



Transients recorded by RX 11 at Palinuro, and results of 1D forward modeling for a homogeneous seafloor conductivity of 0.1, 4.6 and 100 S/m.