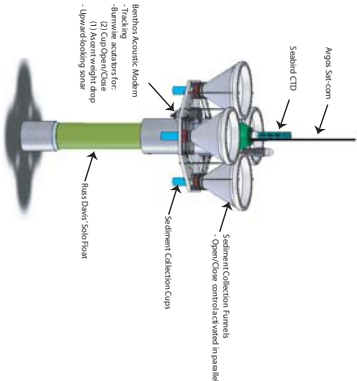
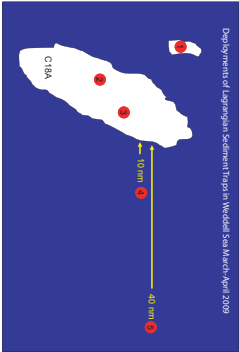
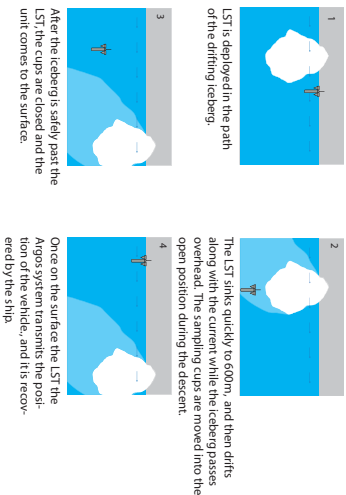


# Langrangian Sediment Traps for Collecting Particulate Matter under Drifting Icebergs of the Southern Ocean

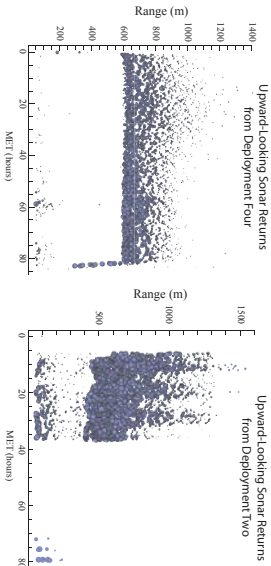
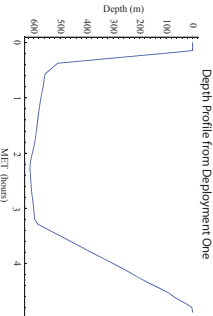
Concept:  
To deploy a SOLO float modified to carry sediment traps, under a drifting iceberg to capture the sinking particulate matter under and around the iceberg.



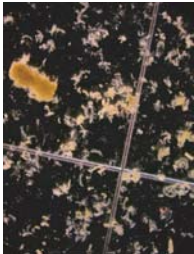
Iceberg Sampling Deployment Scenario



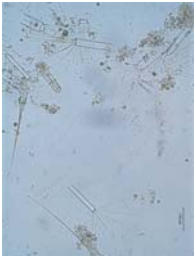
Ken Smith, Brett Hobson, Paul McGill, Alana Sherman  
Monterey Bay Aquarium Research Institute



Results: Samples collected near and underneath the iceberg contained larger amounts of particulate matter than those collected at the control site 40 nm away.



Deployment 2: (Underneath C18A) Fecal pellets and exuviae collected under the influence of the iceberg.



Deployment 5: (Control) Senescent diatoms collected during open-water deployment 40 nm away from C18.

