

List of figures

1. Solid model of LST and cut away model of LST with components called out/
photo of LST
2. Image of Brett and LST
3. Iceberg positions versus LST drop off and pick up
4. Depth profile/ CTD profile compare with ship CTD
5. Sonar images
6. Microscope Images

Outline of paper

1. Introduction
 - a. Description of problem
 - i. Sample particulate matter under a drifting iceberg
 - b. Description of SOLO floats and previous drifting sediment trap work
2. Methods
 - a. LST system description
 - i. Mechanical and electrical system descriptions
 1. Guillotines
 2. Upward looking acoustics
 - 3.
 - b. Sea trials
 - i. ballasting
 - ii. Drones?
3. Deployment in Antarctica
 - a. Challenges
 - i. Iridium/GPS
 - ii. modem
 - b. Summary of deployments
 - i. Table- duration, drift distance,
 - c. Reference to biological and chemical
4. Discussion
 - a. Improvements
- 5.