



# SIMBA Cruise Meeting

March 30, 2007  
Ventura, California

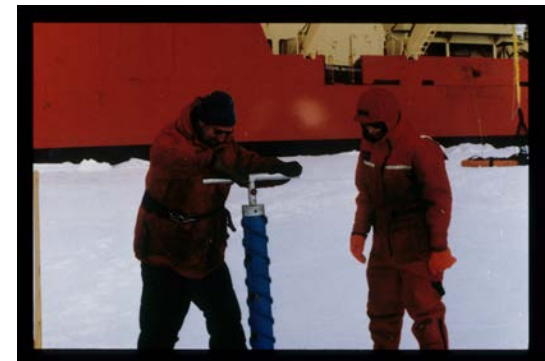
# Preliminary Schedule – Segment 1

**3 days** – Transit to Ice Edge from Punta Arenas

**12 days** – Journey along Ice Edge to approximately 110 degrees

- Deploy Argos floats
- Perform limited stops for snow and ice characterization & CTD (3-4 hours each)
- Tag seals at random locations (coincident with above @ 15 locations)
- Perform ASPECT ice observations and video cam
- Perform ship-based EM measurements

**3 days** – turn into pack ice and angle to 115 degrees, deploy drifter  
**Buoy Set #1 (NW- W)**



# Segment 2 - Drift Station

10 days – Establish Drift Station

- Deploy IMB buoys
- Establish geophysical grid and perform testing
- Establish Clean Areas and perform sampling
- Perform CTD and ocean sampling

2-3 days – deploy drifter Buoy Set #2 (W – SW)

6-7 days – return to Drift Station and continue sampling/testing

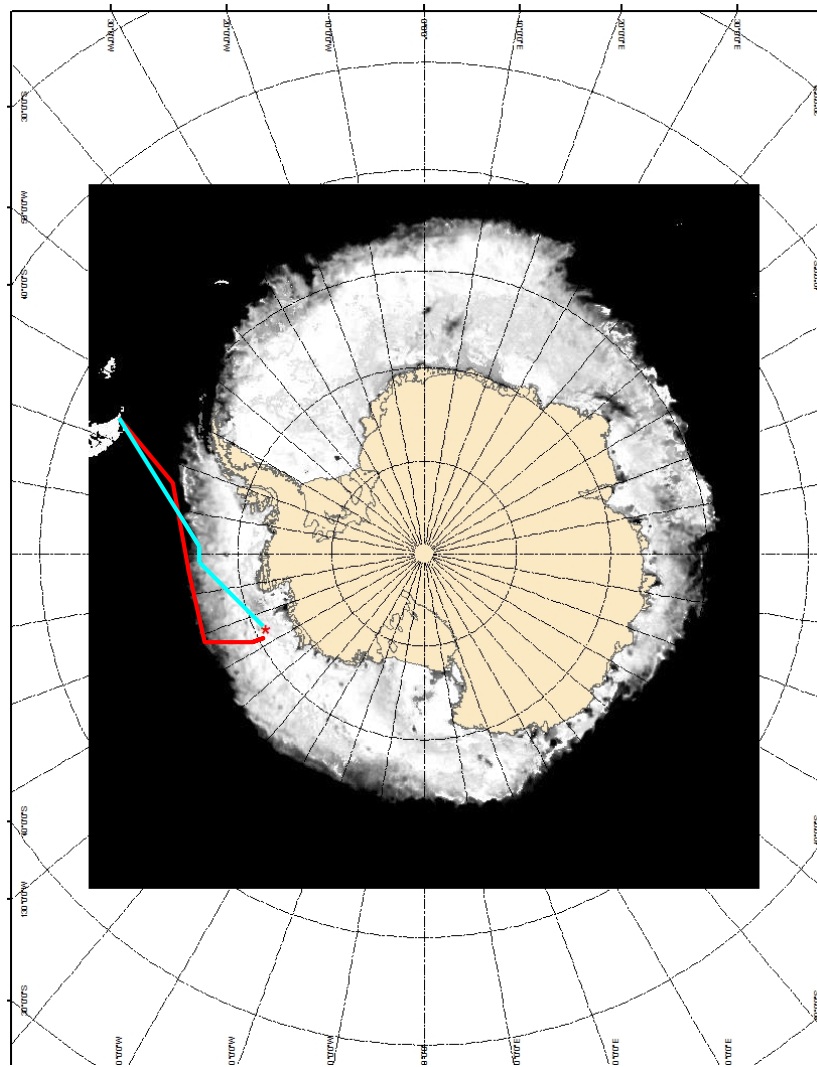
2-3 days – deploy drifter Buoy Set #3 (SE – E)

6-7 days – return to Drift Station and continue sampling/testing

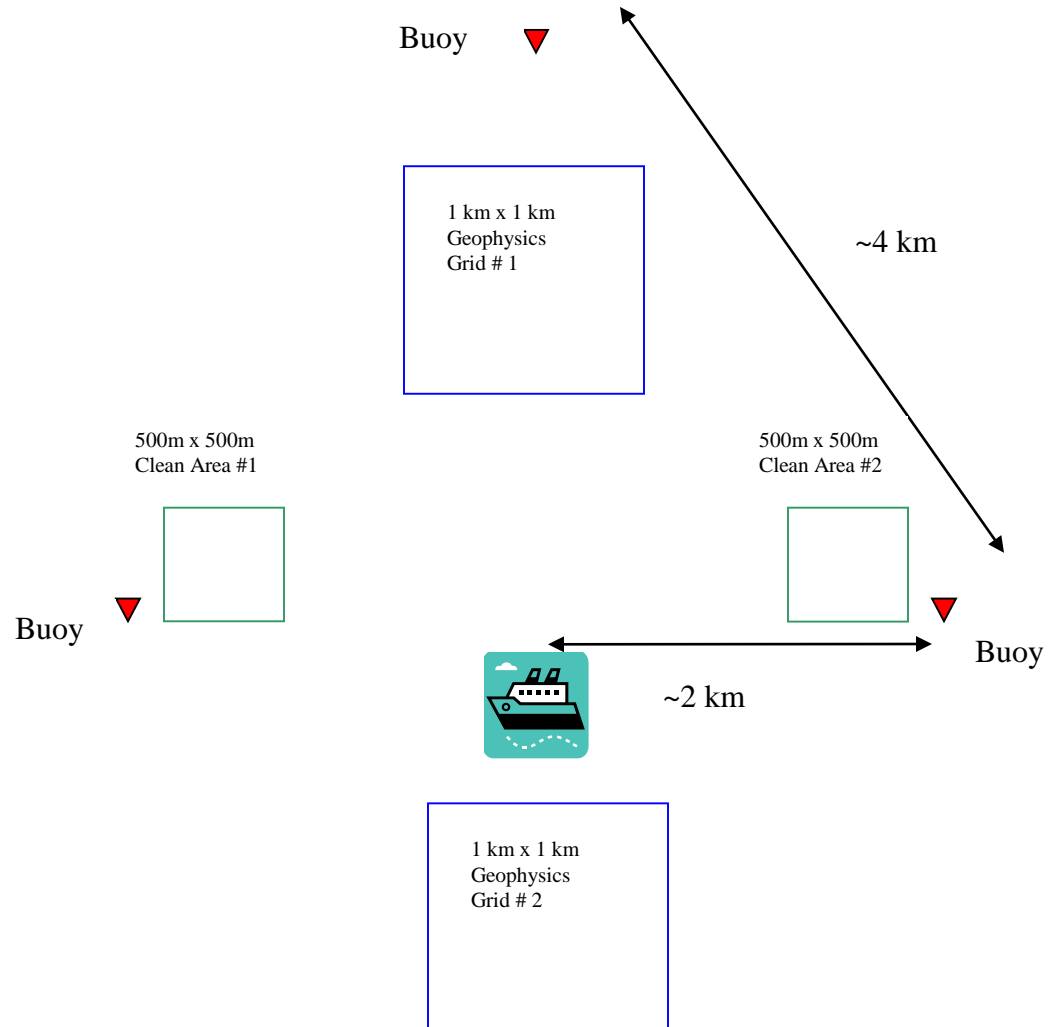
## Segment 3 – The Way Out

- 3 days – deploy drifter Buoy Set #4 (E – NE) and head out to ice edge
- 8 days – return toward Punta Arenas through pack ice
  - Perform limited stops for snow and ice characterization & CTD (3-4 hours each)
  - Tag seals at random locations (coincident with above @ 5 locations)
  - Perform ASPECT ice observations and video cam
  - Perform ship-based EM measurements
- 3 days – Transit from Ice Edge back to Punta Arenas

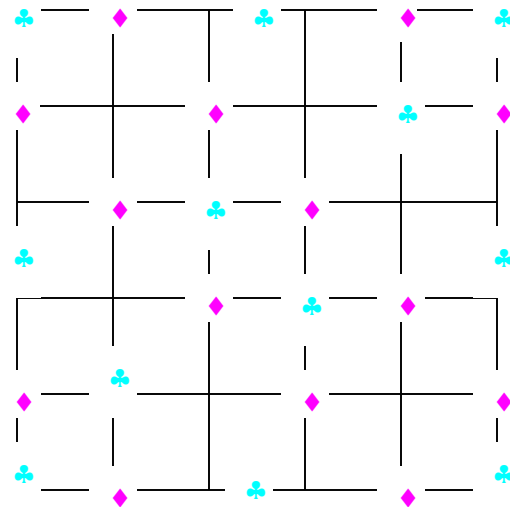
# Preliminary Cruise Track



# Drift Station Layout



# Example Layout



**Geophysical Grid (200m x 200m cells)**

EM surveys along grid lines

Resistivity Survey along grid lines

◆ Snow Pits / Ice Cores (16)

♣ Ice Thickness Gauge (12) & snow pits