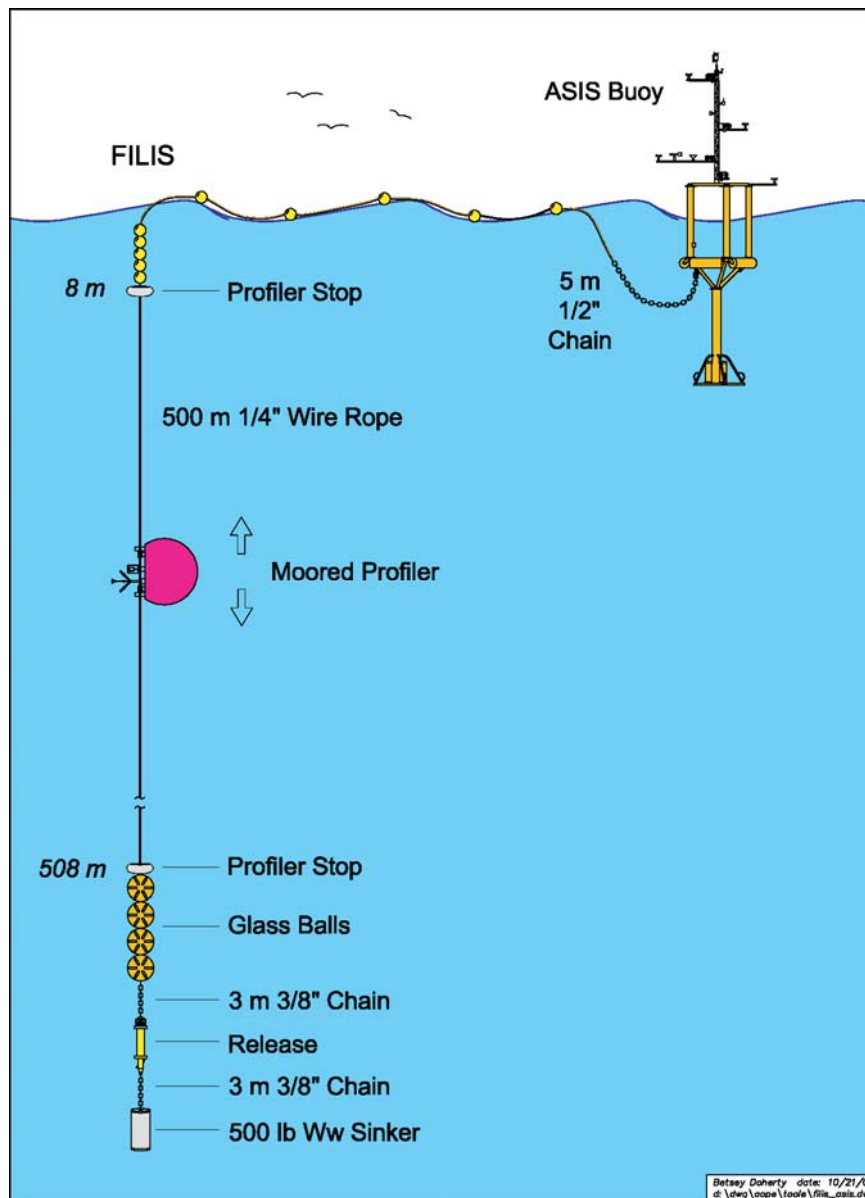


# FILIS program status

- Working towards Jan '06 deployment during Atlantis cruise
- Surface tether being designed (foam-jacketed wire rope rather than discrete buoyancy balls)
- Vertical profiling segment designed (Sampling from ~10 m to ~500 m; MP will profile continuously during deployment)
- As opposed to following schematic that appeared in the proposal, no release or backup buoyancy will be used
- Will use Coastal Moored Profiler (CMP) fitted with FSI CTD and Nobska MAVS ACM (see below)

# Schematic drawing of ASIS FILIS

Departures from actual system are detailed in previous slide



## Photograph of a CMP post-recovery

This instrument was chosen for FILIS in CLIMODE due to its small size and mass (hopefully better able to function in strong surface wave environment)

