

# Operator's Report

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## National Deep Submergence Facility

*Woods Hole Oceanographic Institution*

DeSSC Meeting

June 10, 2008



# Alvin Operations

## Since Last DESSC Meeting

- Two science cruises
  - *Von Damm, NEPR 9N*
  - *Sievert/Ding, NEPR 9N/12N*
- 25 dives
- 8 hours average dive duration
- 5 hours average bottom time
- Engineering dive off San Diego
- Luther/Nooner cruise underway

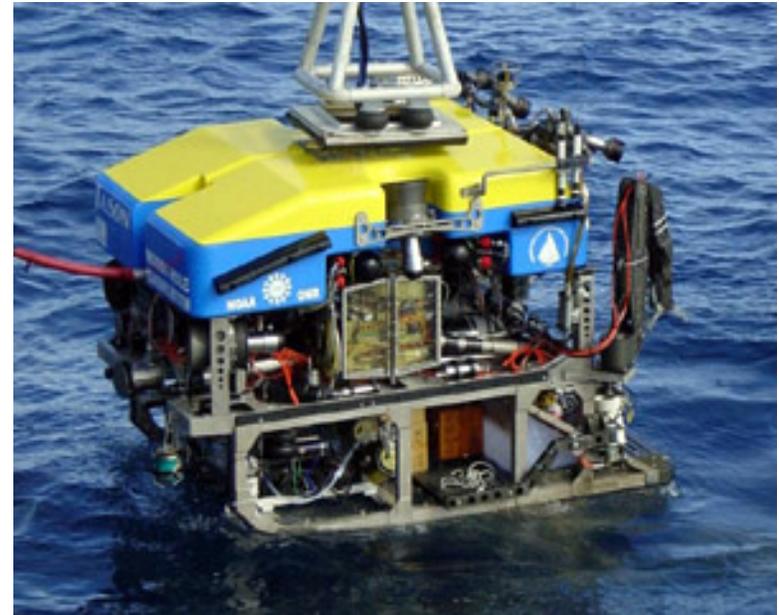


# Jason Operations

## Lonsdale Cruise

DESSC  
June 2008

- Gulf of California, May 2008
- 26 lowerings
- 387 hours in water
- 326 hours on bottom (84%)
- 8,871 lbs of rocks collected
  - *Varied in size from 5 to 141 lbs*
  - *427 lbs collected in one lowering*
- CTD, magnetometer, temp probe data



# ABE Operations

## Adkins/Thresher Cruise

- Tasmanian Seamounts, January 2008
- Only 6 dives instead of the anticipated 12-15 due to weather
- ~37,000 photos over 50 hours
- ~15 hrs multibeam data
- Some minor vehicle problems:
  - *Two dives shortened due to broken thruster shear pins*
  - *High currents*
  - *Bottom-following more difficult than ABE had previously experienced*

