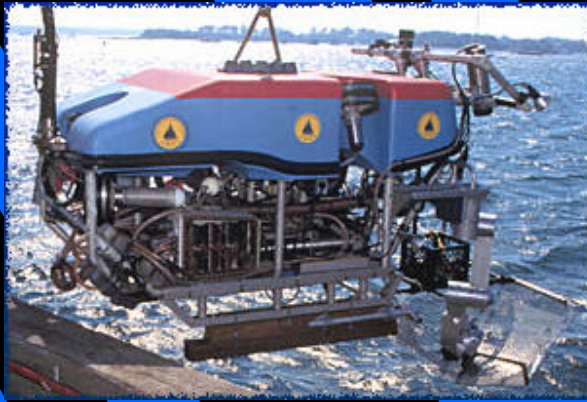


2000 ALVIN Operations



- **330** Operating Days
 - **136** Dives
 - **2200** m Average Depth
 - **7.7** hrs Average Dive Duration
 - **5.2** hrs Average Bottom Time
 - **4** Dives LOST (3 weather, 1 mechanical)
-
- ✓ *Two new pilots (Strickrott, Forte)*
 - ✓ *Dive & Discover web site a hit*

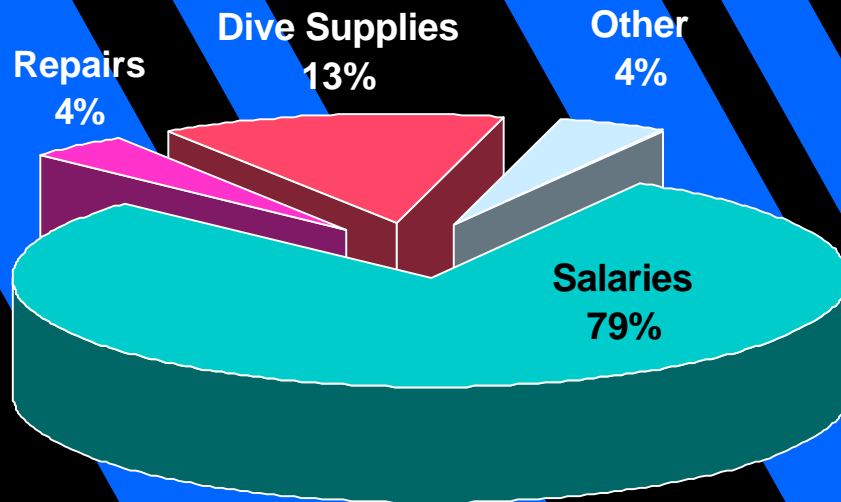
2000 ROV Operations



- 20 Jason lowerings
 - 13 DSL120 lowerings
 - 18 Argo2 lowerings
 - 8 TowCam lowerings
 - 1273 hrs total bottom time
 - 1844 km covered
 - 1600 video/data tapes and
 - 120 CDs archived
-
- ✓ *Longest Jason Lowering (5 days - Rona)*
 - ✓ *Concurrent operations of Jason and DSL 120 (Rona - JdF/Ballard - BlackSea)*
 - ✓ *Integration of SM2000 Multibeam and Benthos DSC*
 - ✓ *Evaluation of SeaNet data presentation system (Johnson and Levin)*

National Deep Submergence Facility

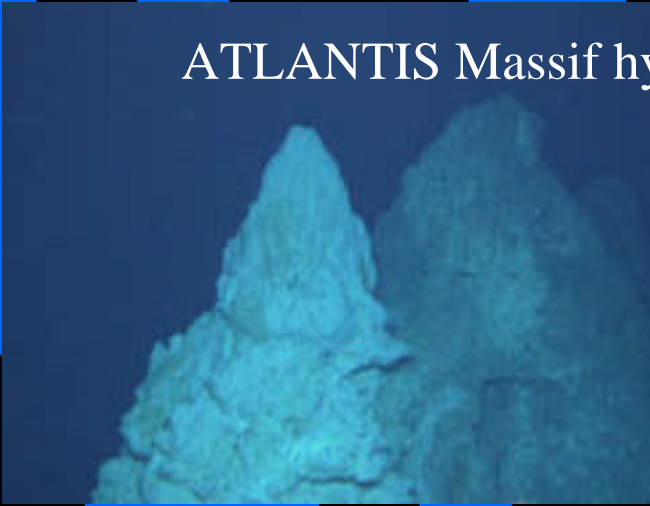
Operating Costs: \$3,926,180



- **16** ALVIN/ROV science voyages supported in 2000
- **5** Vehicles
- **17** Operations personnel
- **16** Engineering/mgmt personnel

Images from AT03-60 MAR

ATLANTIS Massif hydrothermal vent



SIO gravimeter deployment



Duke geocompass

Flange vent

