



## Woods Hole Oceanographic Institution



### *Completed Maintenance Projects R/V Atlantis 2003-2004*

- **A-frame maintenance:**
  - Replaced main cylinder block fasteners
  - Replaced wasted main cylinder 2" piping
  - Replaced main supply piping up A-frame leg
  - Replaced 4-bolt flange on both sides of main hoist
  - Replaced anti-swing relief valves
  - Refurbished tail winch
  - Performed general corrosion maintenance
- **Deck renewal in portions of Main Lab & passageway.**
- **Rebuilt #2 Reefer Compressor.**
- **Two Top End Overhauls of Engines.**
- **Lubricated trawl and hydro wires.**
- **Replaced/overhauled many components of the Galley.**
- **Replaced hot water heater for upper deck house.**
- **Cleaned generators in place.**
- **Hydro winch and boom hydraulic maintenance.**



DESSC  
June 2003





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## *R/V Atlantis maintenance Plans 2004*

**July 16-27 Seattle & Oct 7-30 San Diego**

- **Replace Hydro-Mechanical Safety Shutdowns on all 6 CAT engines.**
- **Overhaul a big and a small diesel engine and clean attached generators.**
- **Convert AFFF piping from steel to CuNi.**
- **Conduct NSF sponsored maintenance and training on Markey Hydro & Trawl winch in Seattle (home of Markey).**
- **Make permanent repair to puncture in the hull, starboard side freeboard, where fender failed in Manzanillo, Mexico.**
- **Renew at least 2 more weather-tight doors.**
- **Complete hydraulic repairs to hydro-booms to eliminate creep on one while using the other.**
- **A-Frame maintenance general corrosion protection and hydraulic work.**
- **Gage & Meter Calibration**
- **Clean Main Propulsion motors.**
- **Install vent outlet mods in labs.**
- **Pursuit of lab drain mods.**





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### NEW SECURITY REGULATIONS

- Access to ship will be impacted.
- Increased need for Pre-Authorized Access Lists.
- Gangway watches may request pictured ID's in MARSEC Condition 1.
- Thorough search of person and belongings on 25% of personnel coming aboard in MARSEC Condition 2.
- Search of 100% of person and belonging coming aboard in MARSEC Condition 3.

