

Support Ships in 2007

National Deep Submergence Facility Operator's Report

- *Maria S. Merian, Atlantis, Ron Brown, Kilo Moana*
- **Berthing on *Kilo Moana*: 26 total**
Normal 24 hr ops for *Jason*: 10 people
This leaves just 16 berths for science
- **Entry documentation for equipment is becoming more complex and we find not all operators are prepared to support U.S. and foreign customs requirements**



Major 2007 Shipyard Projects for *Atlantis*

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April to June 2007

- Install Kongsberg dynamic positioning system
- Install new 3 PS winch monitoring system with peak load detection software for CTD cable system
- Install new crane monitoring systems
- Investigate apparent leak in the Main Deck between the Wet Lab and engine room and repair as necessary
- Install new Basler voltage regulators in switchboards
- Overhaul two main engines
- Install new weather-tight doors
- Install new variable speed fan controllers for labs



2007 SSSE Proposal – *Atlantis*

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Requesting in Dec '06 Shipboard Scientific Support Equipment proposal for *Atlantis*

- New Panasonic PABX phone switch
- New Global Maritime Distress and Safety System (GMDSS) radio console
- Through UNOLS Fleet group purchases:
 - Workboat from late 2006 group purchase
 - Voyage Data Recorder (new regulatory requirement)
 - FLIR Mariner thermal imaging vision unit with pan & tilt

