



ONR Update

UNOLS FIC-Council Meetings
March 2013

Funding Requirements for 2013

- 540 Days of Navy research funded in CY13
 - Spread among 12 UNOLS vessels - \$14M
- 30 Days on FLIP - \$700K
- Major Repair Bills – (so far)
 - THOMPSON Z-Drive \$825K (Total Repair = \$2M)
 - KILO MOANA Engine Control Software \$65K
- ALVIN – 2 engineering dives \$120K
- Ship Layup Costs - \$350K
- Fleet Broadband - \$448K
- Ship Improvements - \$250K

ONR Vessels*

- Atlantis – 274 (Potentially down to 244)
- Kilo Moana – 251
- Knorr – 256
- Melville – 316
- Revelle - 279
- Total- 1376

* As of 28 Feb: includes Pending days

Navy-Funded Ship Time 2013

• Atlantis –	4
• Endeavor –	32 (with 21 more pending)
• Walton Smith –	46
• Sharp –	97
• Knorr –	18 (negotiating additional days now)
• Melville –	83
• New Horizon –	22 (6 additional days pending)
• Oceanus –	49
• Pelican –	8
• Point Sur –	29
• Revelle –	149
• Thompson -	4
Total-	540

Major ONR Sponsored Projects At Sea

- Columbia Bar – late May
 - Multi-ship effort (Melville, Oceanus, Pt Sur)
- South China Sea (Revelle)
 - Cooperative with Viet Nam;
 - Currently Clearance issues, but cruises will occur
 - Science cruises 2013-2014
- Bay of Bengal (Revelle)
 - Cooperative with Sri Lanka
 - Multi-year effort
- Arctic Research – ship-based beginning in 2015

Ship Capability Improvements Funded in FY13/14

- Atlantis –
 - Replacement chem van & trawl winch hydraulic pumps
- Kilo Moana –
 - Design study for a new boat davit
- Scripps –
 - Seismic software
 - ROV USBL
- All Z-Drive Vessels-
 - Thruster Improvement Study
 - Z-Drive Monitoring System for AGOR 23
- All Global Class Vessels-
 - Electronic Charting and Display Systems
- METOC instrumented UAV project on Revelle and Knorr

Ship Retirements

- The Navy process for retirement and disposal of KNORR and MELVILLE has begun-
 - SENAV and CNO offices have been notified
 - KNORR (still) scheduled to retire in early 2014
 - Controlling factors: UNOLS schedule needs and AGOR 27
 - MELVILLE (still) scheduled to retire end of 2014
 - Controlling factors: UNOLS schedule needs and AGOR 28
- Possible outcomes:
 - Retention by Navy in the mothball fleet (not likely)
 - Transfer to another Federal agency (NSF? :)
 - Transfer to a State agency, etc (ala Moana Wave)
 - Foreign Military Sale/Transfer (NIPO interest)
 - Scrapping (not likely)

AGOR 23 “Mid-Life” Refit & Possible SLEP

- Scoping study completed by Glosten in Dec
 - Options include “must-do” and “nice to have” paths
 - New/replacement systems for environmental compliance
 - New/replacement systems to overcome obsolescence
 - New/replacement systems for improved ship performance
- FY15 budget request presented to CNR in Dec
 - Recommended “high option” for SLEP to 45 yrs
 - Awaiting final word, but not optimistic it will be funded
- Re-planning for other means to accomplish “must-do” items