

# UNOLS Ship Scheduling Committee Report

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Stewart Lamerdin, Chair/MLML  
Elizabeth Brenner, Vice Chair/SIO

# UNOLS Ship Scheduling Committee Report

- Chairman's Report of Committee Activities

1. Clarification on Committee
2. Summary of scheduling process for 2013
3. Scheduling challenges
4. Ship-specific scheduling status



# Ship Scheduling Committee

*The Ship Scheduling Committee is made up of representatives from all the ships in the UNOLS fleet.*

# 2013 Scheduling Process

- February 2012 – Meeting with agencies and global-class schedulers (San Diego, CA)
- A series of conference calls and Webex teleconferences with both agency rep.'s, global-class schedulers and UNOLS office
- April 2012 - Ship Scheduling System tutorial (on-line, led by Elizabeth Brenner, SIO)
- July 2012 – Teleconferences with Intermediate and Regional class schedulers

## The heavy lifters:

Elizabeth Brenner (SIO)

Eric Benway (WHOI)

Doug Russell (UW)

Jon Alberts (UNOLS)



# 2013 Scheduling Process

- So why is this so challenging and why does it take so much time???

# Some of the challenges of this "dynamic" process:

- Consider location of vessels at the end of 2012
- Meet the scheduling needs of all funded science cruises
- Minimize transits whenever possible
- Group work in geographic areas for single ship support
- Consider mandatory shipyard and inspections schedules
- Foreign clearance issues and permitting
- Consider Agencies needs of constraints (budget caps, mid-life refit schedules, diplomatic priorities)
- Specialized assets
- ETC.....



# Scheduling Status

## *Global Class:*

- No double-bookings
- Still some scheduling issues to resolve
- Very close to viable schedules for these vessels

# Ship Specific Scheduling Status

## *Global /Ocean Class:*

R/V T.G. Thompson

Still resolving issues but good schedule regardless (300+days)

R/V Knorr

U.S. shipyard period, transit to S. Africa for Beal moorings, vessel finishes year in WHOI (likely 300+days)

R/V Roger Revelle

Positioned well for 2014 work in Bay of Bengal and off New Zealand (likely 260 days)

R/V Atlantis

Relies heavily on Alvin testing cruises, both Atlantic and Pacific work (likely 250 days)

R/V Marcus Langseth

Work in the Western Atlantic, private funding (optimistically 210 days)

R/V Kilo Moana

HOTS cruises, work in Alaska (likely 200+ days)

R/V Oceanus

Work in Western Pacific, Cascadia work in PNW (likely 250+ days)



# Ship Specific Scheduling Status

## *Intermediate/Regional/Local Class:*

R/V Hugh R. Sharp

Good schedule, NOAA scallop cruises (160+ days)

R/V Clifford A. Barnes

Diversity of projects, distribution of funding sources (120+ days)

R/V Endeavor

Good schedule, difficult to assume all work in North Atlantic (200+ days)

### Others:

- Still working on LOI's and will formalize these by the end August
- Some vessel will have moderate/good schedules
- Still considerable number of pending projects
- This is typical when scheduling the small vessels