

FIC Report to Council



March 10, 2004

FIC Projects and Priorities for 2004

- Stay engaged in the Regional Class Phase III and acquisition process, and insure community input
- Evaluate and prepare response to the Ocean Commission report.
- Actively participate in the Ocean Class Phase II study
- Encourage the Agencies to update the FOFC plan.
 - Ocean Observatories - Review UNOLS working group recommendations.
 - Prioritize and update all SMRs using some agreed on constraints
 - Provide feedback to draft Global Class, Seismic SMR
 - Update Global SMRs in the same format as Ocean and Regional Class.
 - Update the FIC website and draft a FIC version of Figure 17 of the FOFC plan.
 - Provide recommendations to FOFC regarding update of Fleet Renewal Plan.
- KILO MOANA - Continue FIC Debrief Interviews
- Send the UH a list of KM items/problems that need to be addressed.
- Review PCAR feedback to FIC with regard to facility improvements.
- Stay engaged in ongoing design and construction efforts (ARRV, EWING replacement, CHRV, etc.)

KILO MOANA – UH Letter -

- CTD ops
- Crane evaluation - Visibility problem.
- Establish incubator work site
- Investigate drainage problem – record ship trim and evaluate
- Additional cameras for Bridge
- Low flow for underway system.
- Take noise measurements in cabins. If needed investigate noise insulation
- Request trim measurements for evaluation of drainage and wave slapping.
- Address tank capacity problem and implement fix

KILO MOANA Debriefs

- Next Steps:
 - Continue Debrief Interviews
 - Review table that provides pros and cons of SWATH hull form as compared to a monohull
 - Obtain feedback from WESTERN FLYER and KILO MOANA Captains
 - Letter to UH
 - Compile Debriefs for posting on the UNOLS website

General Purpose Global Vessel SMR – Mid Life Refit considerations



2006 - *THOMPSON*



2011 – *REVELLE*



2012 – *ATLANTIS*

Science Mission Requirements

FIC Recommends the Ocean & Regional Class Model

- Form Steering Committee
- Develop mission scenarios and draft preliminary SMR
- Hold Community Workshop
- Revise and post draft SMRs for Community Input
- Finalize and Post
- Timeline: Form steering committee and first step now, Steering committee to recommend dates for workshop.

Global Class Steering Committee Recommendations

- AGOR Operator Reps
- Observatory Working Group or OSB Rep
- Long Coring expert
- ROV rep
- FIC Rep

FIC – Draft a task statement for the Steering Committee:

Update Global Class SMR – as a follow-on activity incorporate Heavy Lift considerations, and Seismic Capabilities

Other SMR and Related Activities

- Amend Regional and Ocean Class SMR to include ADA requirements
- Carefully review the “Lessons Learned” and PCA comments. Incorporate as appropriate into the SMR documents

Fleet Long Range Plan - Update

- Update the projected retirement dates
 - Operator Input:
 - Should the retirement date be extended.
 - SLEP cost for 5-year extension
 - SLEP cost for 10-year extension
- What SMR requirements are not met by extending the lifetime of existing ships? (steering committees with input from operators)
- Update projected funding and delivery dates for new vessels
- Update figure 17 and integrate Ocean Observatory, submersible and other facility needs.
- Update ship utilization projections to include ocean observatory facility needs.

	Vessel Class	Retire Date	Revised Date	Begin Service	Revised Date
<u>NE Atlantic</u>					
KNORR	Global	2015			
ENDEAVOR	Intermediate	2008			
OCEANUS	Intermediate	2009			
Ocean	Ocean			2008	
<u>Atlantic</u>					
Regional	Regional			2011	
<u>SE Atlantic</u>					
SEWARD JOHNSON	Intermediate	2015			
SEWARD JOHNSON II	Intermediate	2012			
CAPE HATTERAS	Regional	2011			
Ocean	Ocean			2015	
<u>Gulf of Mexico</u>					
GYRE	Intermediate	2006			

	Vessel Class	Retire Date	Revised Date	Begin Service	Revised Date
<u>NW Pacific</u>					
T.G. THOMPSON	Global	2021			
WECOMA	Intermediate	2010			
ALPHA HELIX	Regional	2005			
Ocean	Ocean			2012	
ARRV	Ocean			2008	
<u>Pacific</u>					
Regional	Regional			2011	
<u>SW Pacific</u>					
MELVILLE	Global	2014			
R. REVELLE	Global	2026			
NEW HORIZON	Intermediate	2016			
POINT SUR	Regional	2011			
Ocean	Ocean			2016	
<u>Hawaii</u>					
KILO MOANA	Ocean	2032			
<u>Special Purpose</u>					
ATLANTIS	Global	2027			
Ewing	Global	2018			
Seismic	Global			2018	
Observatory Support??					

FIC Membership and Annex IV

- **Two FIC positions open in 2004**
 - Chris Measures, U. Hawaii – [at-large, 9/04]
 - Terry Whitledge, U Alaska – [Operator, 9/04]
- **Annex IV** – recommend that it be readopted as written.
- **Annex II** – recommend to Council that it be re-examined in how it relates to Ocean Observing Systems.
- All Annexes - examine how ex-officio members are addressed.