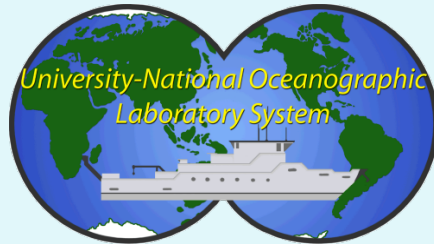


UNOLS  
Fleet Improvement Committee  
Meeting  
March 8-9, 2011



# UNOLS Vessel Ship Classes



# FIC Fleet Improvement Plan

## UNOLS Ship Classes:

### GLOBAL CLASS

[Full Operating Year (FOY)  
= 300 days]

- *Atlantis*
- *Knorr*
- *Marcus Langseth*
- *Melville*
- *Revelle*
- *Thompson*

### OCEAN CLASS

[FOY = 275 days]

- *Sikuliaq*
- *Kilo Moana*



# FIC Fleet Improvement Plan

## UNOLS Ship Classes:

### INTERMEDIATE CLASS

[FOY = 250 days]

- *Endeavor*
- *New Horizon*
- *Oceanus*
- *Wecoma*

### REGIONAL CLASS

[FOY = 200 days]

- *Cape Hatteras*
- *Point Sur*
- *Atlantic Explorer*



# FIC Fleet Improvement Plan

## UNOLS Ship Classes:

### REGIONAL COASTAL CLASS

[FOY = 180 days]

- *Pelican*
- *Hugh R. Sharp*
- *Sproul*
- *Walton Smith*

### LOCAL CLASS

[FOY 110 days]

- *Blue Heron*
- *Clifford A. Barnes*
- *Savannah*



## NSF Class Suggestions

### The UNOLS Fleet

#### Notes:

- (1) Formally the "Intermediate" class ship under the old
- (2) Service Life Extensions under consideration based on ship condition and science utilization

Navy Owned =	
NSF Owned =	
Institutionally Owned =	
Planned Vessel =	

	Built	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
<b>GLOBAL</b>																			
Melville (ONR)	1969																		
Knorr (ONR)	1970																		
Thompson (ONR)	1991																		
Revelle (ONR)	1996																		
Atlantis (ONR)	1997																		
Langseth (NSF)	1991/08																		
Sikuliaq (NSF)	2014																		
		Funded - Under Construction																	
<b>Total</b>		6	6	6	6	6	7	6	5	5	5	5	5	5	4	4	4	4	4
<b>OCEAN</b>																			
Kilo Moana (ONR)	2002																		
AGOR 27 (ONR)	2014																		
AGOR 28 (ONR)	2015																		
Wecoma (NSF) <sup>(1)(2)</sup>	1976			?	?	?	?												
Endeavor (NSF) <sup>(1)(2)</sup>	1976			?	?	?	?												
Oceanus (NSF) <sup>(1)(2)</sup>	1976			?	?	?	?												
Atlantic Explorer (BIOS) <sup>(1)(2)</sup>	1982/06																		
New Horizon (SIO) <sup>(1)(2)</sup>	1978																		
<b>Total</b>		6	6	6	6	6	7	5	5	4	4	4	4	4	4	3	3	3	3
<b>REGIONAL</b>																			
Point Sur (NSF) <sup>(2)</sup>	1981				?	?	?	?											
Cape Hatteras (NSF) <sup>(2)</sup>	1981				?	?	?	?											
RCRV #1 (NSF)	2016																		
RCRV #2 (NSF)	2017																		
RCRV #3 (NSF)	2018																		
Sproul (SIO)	1981																		
Pelican (LUMCON)	1985																		
Hugh R. Sharp (UD)	2005																		
<b>Total</b>		5	5	5	5	5	4	4	4	3	4	4	4	4	4	4	4	4	4
<b>LOCAL</b>																			
Walton Smith (Miami)	2000																		
Savannah (Skidaway)	2001																		
Blue Heron (U Minn.)	1985																		
Barnes (NSF)	1966																		
<b>Total</b>		4	4	4	4	4	3	3	2	2	2	2	2	2	2	2	2	2	2
<b>Total Ships</b>		21	21	21	21	21	21	18	16	14	15	15	15	15	14	13	13	13	13