



# Fleet Improvement Plan (FIP)

- Updating the 2009 FIP:
  - Incorporating the new Four Class System
  - Revised Service – Life End Dates
  - Revised projections
  - Appendix on Ocean Acoustics
  - Science Initiatives



# New Fleet Classes and Revised Service Life End Dates

SHIP/CLASS	BUILT	Conv/ Mid Life	Owner	LOA m (ft)	Science Berths	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>Global Class</b>																										
Melville	1969	1991	NAVY	85 (279)	38	---	---	---	---	---	-X															
Knorr	1970	1989	NAVY	85 (279)	34	---	---	---	---	---	-X															
Thomas G. Thompson	1991		NAVY	84 (274)	36	---	---	---	---	---	---	---	---	---	---	---	---	-X								
Roger Revelle	1996		NAVY	84 (274)	37	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Atlantis	1997		NAVY	84 (274)	37	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Marcus G. Langseth	1991	2007-2011	NSF	71 (235)	35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sikuliaq	2013		NSF	80 (261)	26					>	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<b>Ocean/Intermediate Class</b>																										
Kilo Moana	2002		NAVY	57 (186)	29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Wecoma	1976	1994	NSF	56 (185)	18	---	---	---	---	-X																
Endeavor	1976	1993	NSF	56 (184)	18	---	---	---	---	-X																
Oceanus	1976	1994	NSF	54 (177)	19	---	-X																			
New Horizon	1978	1996	SIO	52 (170)	19	---	---	---	---	---	-X	?														
Atlantic Explorer	1982	2006	BIOS	51 (168)	20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
AGOR 27	2014		NAVY							>	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
AGOR 28	2014		NAVY							>	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<b>Regional Class</b>																										
Point Sur	1981		NSF	41 (135)	12	---	---	---	---	---	-X															
Cape Hatteras	1981	2004	NSF	41 (135)	14	---	---	---	---	---	-X	?														
Hugh R. Sharp	2005		UD	44 (146)	14	---	---	---	---	---	---	---	---	---	---	---	---	-M	---	---	---	---	---	---	---	---
RCRV1	2018		NSF											>	---	---	---	---	---	---	---	---	---	---	---	---
RCRV2	2019		NSF											>	---	---	---	---	---	---	---	---	---	---	---	---
RCRV3	2020		NSF											>	---	---	---	---	---	---	---	---	---	---	---	---
<b>Coastal/Local Class</b>																										
Robert Gordon Sproul	1981	1985	SIO	38 (125)	12	---	---	---	---	---	-X	?														
Pelican	1985	2003	LUMCON	32 (105)	14	---	---	---	---	---	---	---	---	---	---	---	---	-X								
Walton Smith	2000		Miami	30 (96)	16	---	---	---	---	---	---	-M	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Savannah	2001		SKID/UG	28 (92)	19	---	---	---	---	---	---	-M	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Blue Heron	1985	1999	UMINN	26 (86)	6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Clifford Barnes	1966	1984	NSF	20 (66)	6	---	---	---	-X																	

X = Current Projected End of Service Life  
M = Midlife Refit  
S=service life extension with upgrades



# Fleet Classifications - new

## Global

ATLANTIS

R. REVELLE

MELVILLE

KNORR

EWING

T.G. THOMPSON

LANGETH

## Ocean/Intermediate

Kilo Moana

SEWARD JOHNSON II(ex Edwin Link)

ENDEAVOR

OCEANUS

GYRE

NEW HORIZON

SEWARD JOHNSON

WECOMA

ATLANTIC EXPLORER



# Fleet Classifications - new

Regional
POINT SUR
CAPE HATTERAS
ALPHA HELIX
HUGH SHARP

Coastal/Local
PELICAN
LONGHORN
R. SPROUL
CAPE HENLOPEN
WEATHERBIRD II
SEA DIVER
Walton Smith
BLUE FIN
SAVANNAH
BLUE HERON
LAURENTIAN
BARNES
URRACA