



FY2016 - FY2030

Projected UNOLS Fleet Capacity

(updated: 11/23/2016)

		 DeSign Life Extended Life Retired																
Ship/Class	Owner	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Ship Age	Retire Year
Global Class																		
<i>Thomas G. Thompson</i>	NAVY																25	2021
<i>Roger Revelle</i>	NAVY																20	2026
<i>Atlantis</i>	NAVY																19	2027
<i>Marcus G. Langseth</i>	NSF																25	2030
<i>Sikuliaq</i>	NSF																2	2045
Ocean/Intermediate Class																		
<i>Kilo Moana</i>	NAVY																14	2032
<i>Endeavor</i>	NSF																40	2020
<i>Oceanus</i>	NSF																40	2019
<i>Atlantic Explorer</i>	BIOS																34	2026
<i>Neil Armstrong</i>	NAVY																1	2045
<i>Sally Ride</i>	NAVY																1	2046
Regional Class																		
<i>Hugh R. Sharp</i>	UDel																11	2035
<i>RCRV1</i>	NSF																	2051
<i>RCRV2</i>	NSF																	2052
Coastal/Local Class																		
<i>Robert Gordon Sproul</i>	SIO																35	2018
<i>Pelican</i>	LUMCON																31	2020
<i>Walton Smith</i>	U.Miami																16	2030
<i>Savannah</i>	SkIO/UG																15	2031
<i>Blue Heron</i>	UMINN																31	2025
<i>Clifford Barnes</i>	NSF																50	2018
Ships		18	18	18	16	15	14	15	15	15	15	14	13	12	12	12		

Updated: November 23, 2016					2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Global Class	Year	Owner	LOA m (ft)	Science Perths																				
<i>Melville</i>	1969	NAVY	85 (279)	38	---	---	---	--X																
<i>Knorr</i>	1970	NAVY	85 (279)	34	---	---	---	--X																
<i>Thomas G. Thompson</i>	1991	NAVY	84 (274)	36	---	---	---		--	M	M--				--X	---	---	---	---	---	---	---	---	---
<i>Roger Revelle</i>	1996	NAVY	84 (274)	37	---	---	---														--X	---	---	---
<i>Atlantis</i>	1997	NAVY	84 (274)	37	---	---	---															--X		
<i>Marcus G. Langseth</i>	1991	NSF	71 (235)	35	---	---	---																	--X
<i>Sikuliaq</i>	2014	NSF	80 (261)	26				>																-->
Ocean/Intermediate Class																								
<i>Kilo Moana</i>	2002	NAVY	57 (186)	29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	-->
<i>Wecoma</i>	1976	NSF	56 (185)	18	--X																			
<i>Endeavor</i>	1976	NSF	56 (184)	18	---	---	---	---	---	---	---	---		--X										
<i>Oceanus</i>	1976	NSF	54 (177)	19	---	---	---	---	---	---	---		--X											
<i>Atlantic Explorer</i>	1982	BIOS	51 (168)	20	---	---	---	---	---	---	---	---	---	---	---	---	---	---			--X			
<i>New Horizon</i>	1978	SIO	52 (170)	19	---	---	---	---	-X															
<i>Neil Armstrong</i>	2015	NAVY	73 (238)	24						>														-->
<i>Sally Ride</i>	2015	NAVY	73 (238)	24						>														-->
Regional Class																								
<i>Point Sur</i>	1981	NSF	41 (135)	12	---	---	---	--X																
<i>Cape Hatteras</i>	1981	NSF	41 (135)	14	---	---	X																	
<i>Hugh R. Sharp</i>	2005	UD	44 (146)	14	---	---	---	---	---	---	---	---	---	---	-M-	---	---	---	---	---	---	---	---	-->
<i>RCRV1</i>	2021	NSF	58 (191)	18											>	---	---	---	---	---	---	---	---	-->
<i>RCRV2</i>	2022	NSF	58 (191)	18											>	---	---	---	---	---	---	---	---	-->
Coastal/Local Class																								
<i>Robert Gordon Sproul</i>	1981	SIO	38 (125)	12	---	---	---	---	---	---	---	--X												
<i>Pelican</i>	1985	LUMCON	32 (105)	14	---	---	---	---	---	---	---	---		--X										
<i>Walton Smith</i>	2000	Miami	30 (96)	16	---	---	---	---	---	-M-	---	---	---	---	---	---	---	---	---	---	---	---	---	--X
<i>Savannah</i>	2001	SKID/UG	28 (92)	19	---	---	---	---	---	---	-M-	---	---	---	---	---	---	---	---	---	---	---	---	-->
<i>Blue Heron</i>	1985	UMINN	26 (86)	6	---	---	---	---	---	---	---	---	---	---	---	---	---	---			--X			
<i>Clifford Barnes</i>	1966	NSF	20 (66)	6	---	---	---	---	---	---	---	--X												
Total Number of Vessels in Fleet					21	20	20	20	17	18	18	18	16	15	14	15	15	15	15	15	14	13	12	12
X= Current projected Service Life End Date																								
M= Mid-life Refit																								

Notes/Revisions:

Note: After Thompson's mid-life is complete, the red line will be changed to black.

- Revision (5/20/16) Barnes will continue to operate as long as there is demand and the ship passes inspection
- Revision (5/20/16) Add red dashed line to extend Revelle's life contingent on completion of mid-life refit.
- Revision (5/23/16) Added end-dates for those beyond 2030



Full Optimal Year Range Definitions

Updated: 7/6/2016

	Standard Definition		2016 Adjusted FOY		2017 Adjusted FOY		Notes
	Minimum FOY	Maximum FOY	Minimum FOY	Maximum FOY	Minimum FOY	Maximum FOY	
ATLANTIS	270	300	270	300	270	300	
R. REVELLE	270	300	270	300	270	300	
LANGSETH	270	300	180	210	240	270	2016 adjusted (shipyard & maintenance). No mandatory yard periods in 2017, accounted for preventative maintenance periods totaling 30 days.
T.G. THOMPSON	270	300	108	120	150	165	2016 adjusted by D. Russell (mid-life)
SIKULIAQ	270	300	270	300	270	300	
ARMSTRONG	250	280	166	186	250	280	2016 adjusted based on Service start date
SALLY RIDE	250	280	42	47	250	280	2016 adjusted based on Service start date
KILO MOANA	250	280	170	200	250	280	A. Hilton 6/22/16
ENDEAVOR	200	230	200	230	200	230	
OCEANUS	180	210	180	210	180	210	
ATLANTIC EXPLORER	150	180	150	180	150	180	
HUGH R. SHARP	200	230	200	230	165	195	J.Swallow 6/23/16
PELICAN	180	210	180	210	180	210	
WALTON SMITH	150	180	150	180	150	180	
R. SPROUL - SAVANNAH	90	120	90	120	90	120	
BARNES	90	120	90	120	165	195	J. Bichy 6/22/16
BLUE HERON	80	110	80	110	80	110	