

# Review of Fleet Projected Service Life End Dates

3/5/2013

Summary of Most Current Service Life Memos to FIC Chair				3/4/2013
Memo Date	Research Vessel	Recommended End of UNOLS Service	Other Information/Subsequent Actions/Notes	Update Memo From NSF Requested
10/10/2010	Pt Sur	2016	Agency letter 6/1/2012 states R/V Point Sur will be considered for retirement in 2014.	X
3/1/2011	Walton Smith	2030	Service Life Extension (SLE) is not envisioned in the near future	
3/1/2011	Savannah	2031	Service Life Extension (SLE) is not envisioned in the near future	
3/1/2011	Pelican	2020	Given the recent mid-life, a Service Life Extension (SLE) is not envisioned in the near future.	
3/1/2011	Clifford Barnes	2016	Subsequent FIC endorsement and concurrence by B. Houtman 6/14/2012	
10/21/2011	New Horizon	2018	Service Life Extension (SLE) is not envisioned in the near future	
10/21/2011	Atlantic Explorer	2026	Upgrades through MOSA	
10/21/2011	Sproul	2018	The actual retirement date for the vessel will be determined by SIO based on the material condition of the ship and the projected scientific demand.	
9/26/2012	Cape Hatteras	2013	Retirement Actions Underway	
3/1/2013	Oceanus	2020	Transferred to OSU in January 2012. Inspected March 2012. New memo from M. Hawkins recommends 2020 end of service tied to delivery of first RCRV	
3/1/2013	Endeavor	2020	SLE tied to Oceanus' and delivery of first RCRV	
	Thompson		Inspected October 2011. Mid-life planning in progress	
	Kilo Moana		Inspected June 2011	
	Atlantis		Inspected January 2012. Mid-life planning in progress	
	Revelle		Inspected December 2012. Mid-life planning in progress.	
	Knorr	Apr-14	Agency letter 6/1/2012.	
	Melville	Dec-14	Agency letter 6/1/2012.	
	Sharp			X
	Blue Heron			X
	Marcus Langseth			X

Updated: March 4, 2013						2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030						
SHIP/CLASS	BUILT	Conv/ Mid Life	Owner	LOA m (ft)	Science Berths																											
<b>Global Class</b>																																
<i>Melville</i>	1969	1991	NAVY	85 (279)	38	---	---	---	---	X	uncertainty in June 1, 2012 memo																					
<i>Knorr</i>	1970	1989	NAVY	85 (279)	34	---	---	---	---	X																						
<i>Thomas G. Thompson</i>	1991		NAVY	84 (274)	36	---	---	---	---	---	---	---	---	---	---	---	---	--X	midlives?								---	---	---	---	---	---
<i>Roger Revelle</i>	1996		NAVY	84 (274)	37	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---						
<i>Atlantis</i>	1997		NAVY	84 (274)	37	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---						
<i>Marcus G. Langsoeth</i>	1991	2007-2011	NSF	71 (235)	35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---						
<i>Sikuliaq</i>	2013		NSF	80 (261)	26					>---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---						
<b>Ocean/Intermediate Class</b>																																
<i>Kilo Moana</i>	2002		NAVY	57 (186)	29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---						
<i>Wecoma</i>	1976	1994	NSF	56 (185)	18	---	--X	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---						
<i>Endeavor</i>	1976	1993	NSF	56 (184)	18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---						
<i>Oceanus</i>	1976	1994	NSF	56 (184)	19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---						
<i>Atlantic Explorer</i>	1982	2006	BIOS	51 (168)	20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---						
<i>New Horizon</i>	1978	1996	SIO	52 (170)	19	---	---	---	---	---	---	---	---	--X	---	---	---	---	---	---	---	---	---	---	---	---						
<i>AGOR 27</i>	2014		NAVY							>---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---						
<i>AGOR 28</i>	2014		NAVY							>---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---					
<b>Regional Class</b>																																
<i>Point Sur</i>	1981		NSF	41 (135)	12	---	---	---	---	---	---	--X	---	---	---	---	---	---	---	---	---	---	---	---	---	---						
<i>Cape Hatteras</i>	1981	2004	NSF	41 (135)	14	---	---	---	X	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---						
<i>Hugh R. Sharp</i>	2005		UD	44 (146)	14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---						
<i>RCRV1</i>	2018		NSF																													
<i>RCRV2</i>	2019		NSF																													
<i>RCRV3</i>	2020		NSF																													
<b>Coastal/Local Class</b>																																
<i>Robert Gordon Sproul</i>	1981	1985	SIO	38 (125)	12	---	---	---	---	---	---	---	---	--X	---	---	---	---	---	---	---	---	---	---	---	---						
<i>Pelican</i>	1985	2003	LUMCON	32 (105)	14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---						
<i>Walton Smith</i>	2000		Miami	30 (96)	16	---	---	---	---	---	---	-M-	---	---	---	---	---	---	---	---	---	---	---	---	---	---						
<i>Savannah</i>	2001		SKID/UG	28 (92)	19	---	---	---	---	---	---	---	-M-	---	---	---	---	---	---	---	---	---	---	---	---	---						
<i>Blue Heron</i>	1985	1999	UMINN	26 (86)	6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---						
<i>Clifford Barnes</i>	1966	1984	NSF	20 (66)	6	---	---	---	---	---	---	--X	---	---	---	---	---	---	---	---	---	---	---	---	---	---						
Year-end Total Number of Vessels						21	20	20	19	18	20	18	18	16	16	14	15	16														
X= Current projected Service Life End																																
M= Mid-life Refit																																

Shrinking fleet 