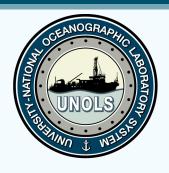


Summary of 2014 & 2015 NDSF Post Cruise Assessment Reports



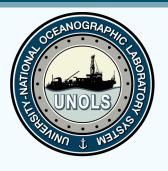
NDSF PCAR Statistics

PCAR Form for NDSF vehicles was launched in fall 2014

NDSF Vehicle	2014 Total Cruises	2014 Cruises With PCARs	% Return 2014	2015 Total Cruises	2015 Cruises With PCARs	% Return 2015
Alvin	9	0	0 %	3	1	33%
Jason	8	1*	13%	6/3**	2	67%
Sentry	9	1	11%	8/6**	4	67%

[•] Two PCAR reports were submitted for the same cruise.

^{** 2015} cruises to date



NDSF PCAR Stats

year	ship	start_date	end_date	PCARs submitted	Days to Complete PCAR
2014	JASON	11/29/14	12/21/14	5/12/15	142
2014	JASON	11/29/14	12/21/14	6/11/15	172
2014	Sentry	11/19/14	12/13/14	6/4/15	173
2015	Alvin	6/15/15	6/29/15	9/8/15	71
2015	JASON	3/27/15	4/17/15	9/8/15	144
2015	JASON	8/14/15	8/29/15	9/1/15	3
2015	Sentry	12/16/14	1/15/15	8/18/15	215
2015	Sentry	3/27/15	4/17/15	9/8/15	144
2015	Sentry	6/15/15	6/29/15	9/8/15	71
2015	Sentry	8/14/15	8/29/15	9/1/15	3

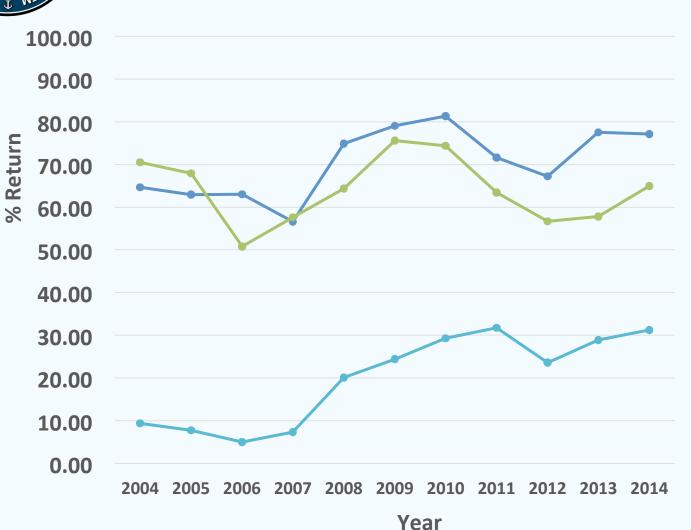
UNOLS GOTALINATION WE ARE THE STREET OF THE

Fleetwide Percent Return for Post Cruise Assessments 2004-2014 — Captain

Chief Scientist

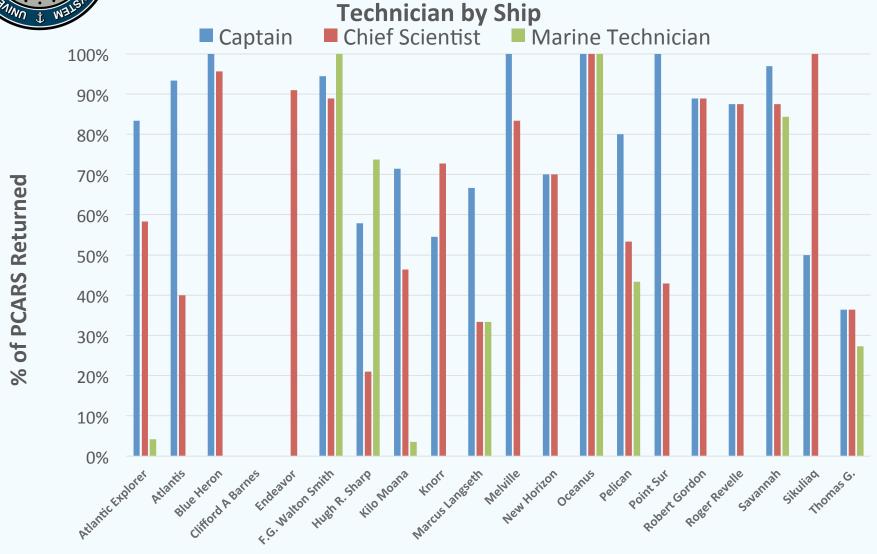
Technician

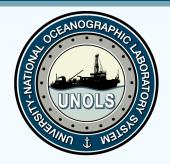
→ Marine





2014 % PCAR Return: Captain, Chief Scientist, and Marine





2014 Fleetwide PCAR Category Ratings (1-5)

Category	UNOLS Fleet
Level of Safety	4.77
Officers, Crew, and Vessel Operation	4.81
Pre-Cruise Activities and Shore Support	4.71
Science Party	4.67
Scheduling	4.63
Scientific Equipment and Marine Technicians	4.63
Research Vessel and Installed Equipment	4.56