



# FIC Report

Activities and action items from  
10/20/14 meeting

Clare Reimers, FIC Chair



# Item 1

- FIC has completed its compilation of Full Optimal Year (FOY) ranges for the fleet.
- These ranges should be reassessed regularly by the operators.
- Council asked to approve adoption of new ranges for the purpose of assessing fleet capacity (# operational days).



# Optimal Window of Vessel Usage Definitions

	Old FOY	FOY Minimum	FOY Maximum	2011	2012	2013	2014 Est
ATLANTIS	300	270	300	219	223	229	316
R. REVELLE	300	270	300	297	292	266	264
MELVILLE	300	270	300	289	289	307	129
KNORR	300	270	300	286	211	253	245
LANGSETH	300	270	300	246	208	186	139
SIKULIAQ	300	270	300				64
T.G. THOMPSON	300	270	300	237	175	260	310
KILO MOANA	275	250	280	259	222	241	246
NEIL ARMSTRONG		250	280				
SALLY RIDE		250	280				
ENDEAVOR	250	200	230	180	215	214	171
OCEANUS	250	180	210	213	139	162	189
NEW HORIZON	250	200	230	168	146	163	175
ATLANTIC EXPLORER	200	150	180	164	170	152	177

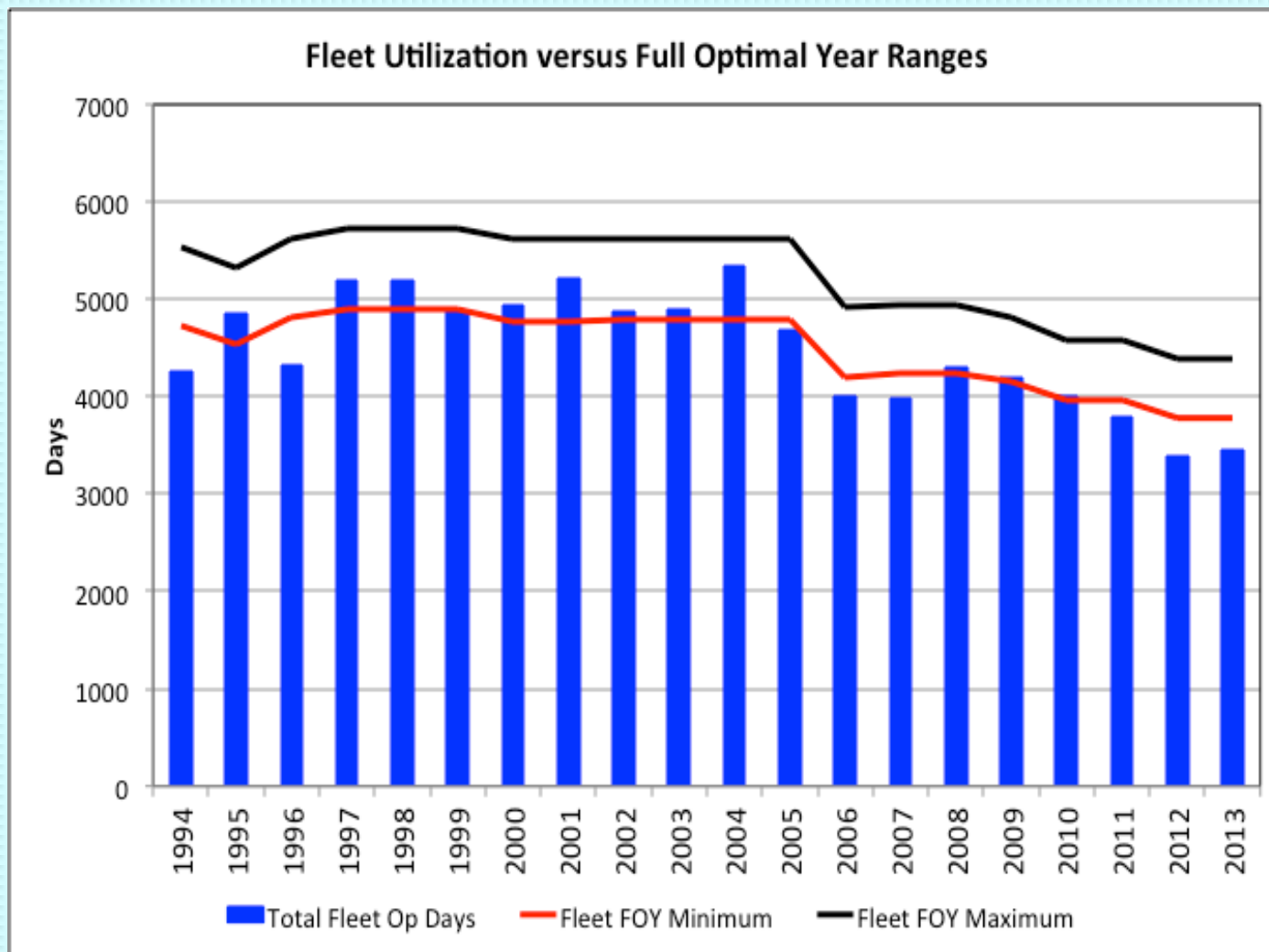


# Optimal Window of Vessel Usage Definitions

	Old FOY	FOY Minimum	FOY Maximum	2011	2012	2013	2014 Est
POINT SUR	200	150	180	84	98	196	107
HUGH SHARP	200	200	230	202	204	210	187
RCRV		200	230				
PELICAN	180	180	210	207	169	194	183
R. SPROUL	180	90	120	45	45	31	31
WALTON SMITH	180	150	180	161	143	115	127
SAVANNAH	110	90	120	140	160	111	167
BLUE HERON	110	80	110	84	65	62	53
BARNES	110	90	120	68	126	95	75



# Utilization Perception





## Item 2. New acquisition feedback

- FIC has formed a subcommittee to develop post cruise assessment/debrief questions for chief scientists leading cruises on new vessels coming on-line (*Sikuliaq, Armstrong, Ride*): Volunteers – Greg Cutter, Allan Devol, Sandy Shor
- This follow-up will help inform fleet upgrades and future new acquisitions-i.e., document lessons learned.



## Item 3. Cruise Planning Form

- A discussion of Autonomous System Requirements led FIC to discuss the need for UNOLS to help PIs differentiate what systems are expected to be user provided and what is ship operator provided.
- Development of cruise planning forms to be completed soon after funding decisions was endorsed.
- Council may wish to take this up further.



## Item 4. Fleet Improvement Plan

- FIC is in the midst of drafting a new **Fleet Improvement Plan** as a web-based document.
- This plan is being designed to re-enforce i) near future fleet planning actions such as the need for mid-life refits for the *Thompson* class and ii) priorities for new phased fleet renewal activities after completion of the RCRVs.
- The new FIP will include the R/V *Barnes* replacement in projections for the Coastal/Local Class and will express support for other renewals made possible by state and private funding.
- The FIP will continue to advocate for sustainable “green” solutions for the fleet.





## FIP continued

- The FIP will recommend that we begin developing an acquisition strategy for new general purpose, and HOV-supporting global class vessels to renew the fleet when the *Thompson* Class reaches its end of service life.
- A review of the Global Class SMRs will be the first step.
- Council will be asked to review and approve the FIP once it is completed.



## FIC Membership

- In Spring 2015 UNOLS will ask for nominations for a new member of FIC from an Operating Institution
  - (A. Devol, UW term ending 2/15)
- In summer 2015 UNOLS will ask for nominations for a new FIC Chair-person.
  - (C. Reimers, OSU term ending 10/15)