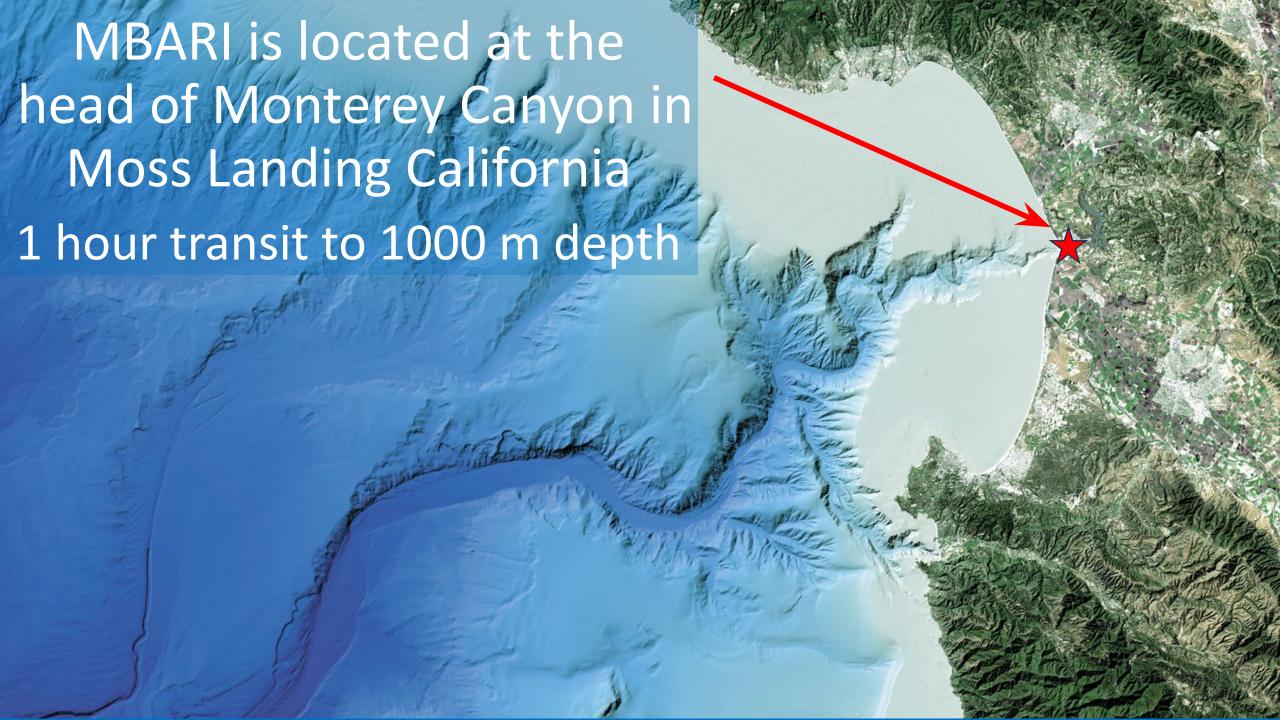


Conterey Bay Aquarium Research Institute

- Private nonprofit founded in 1987 by David Packard
- Funded by David and Lucile Packard Foundation
- Sister institute to Monterey Bay Aquarium
- Annual budget ~\$60M
- About 200 staff (~60 scientists, ~60 engineers, ~40 operations)
- Mission: Technology development for Oceanography through an equal collaboration of Engineering, Science, and Marine Operations



MBARI operates three ships and many submarine robots to study the oceans









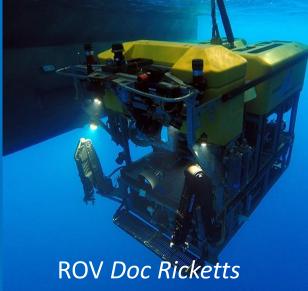












New Research Vessel: R/V David Packard

- 50 m (164 ft) length
- 3.7 m (12 ft) draft
- Delivery May 2024
- Regular ops 2025
- ROV Doc Ricketts (4000 m)
- AUV operations
- Science party 11-14

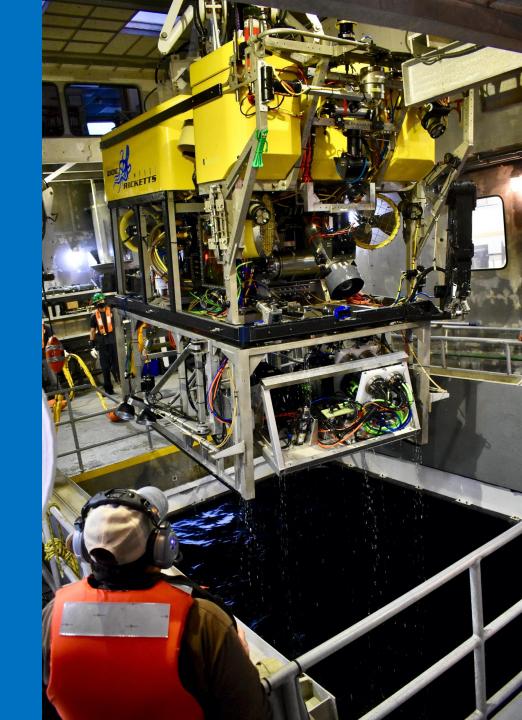




R/V Western Flyer gifted to Florida Institute of Oceanography

ROV Doc Ricketts

- 4000 m rated
- Hydraulic work class ROV
- 1461 dives since 2009
- ~120 ops days each year
- To be operated from R/V
 David Packard



ROV Ventana

- Small hydraulic ROV
- 1850 m rated
- Operated on R/V Rachel
 Carson, mostly on day trips
- 4500 dives since 1989
- ~150 ops days each year



Dorado Mapping AUVs

- Two AUVs operated simultaneously
- 1-Meter Scale Mapping, 18 hour duration
- 6000 m depth rated
- Multibeam bathymetry & backscatter
- Chirp sidescan & subbottom
- Since 2006 Hundreds of surveys



