NOAA Report 2012

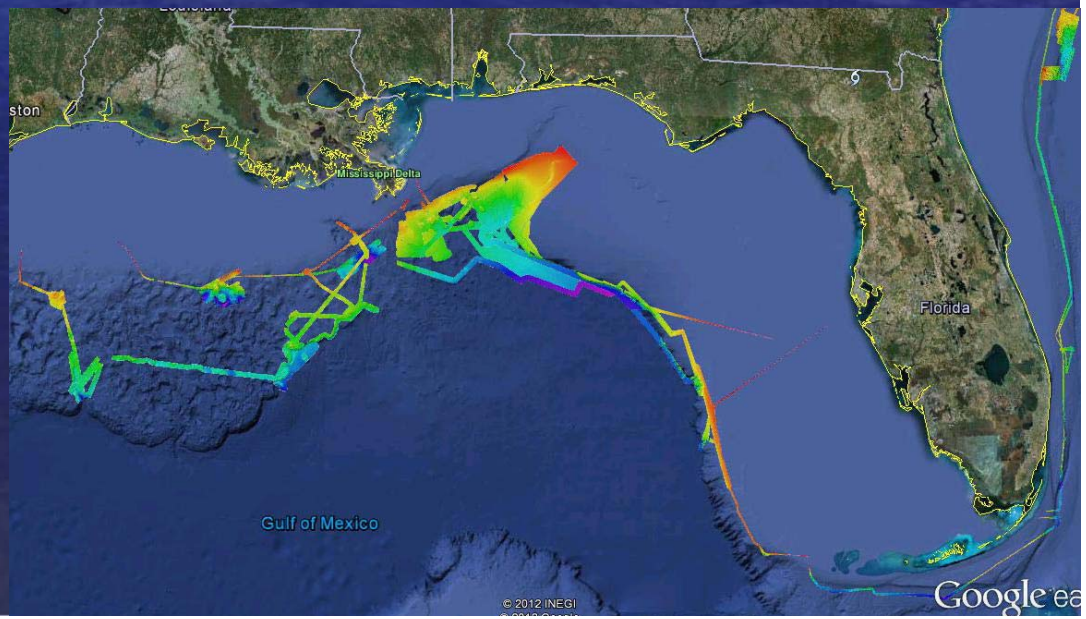
Deep Submergence Science Committee Meeting

June 13, 2012

Catalina Martinez, NOAA OER
LTJG Brian Kennedy, NOAA OER

Okeanos Explorer
2012 Field Season: Ongoing

- 8 Legs all within US EEZ
- ~80,000 km^2 mapped so far
- 29 ROV Dives completed in GOM
- 13 AUV dives planned for July
- Strengthening partnerships



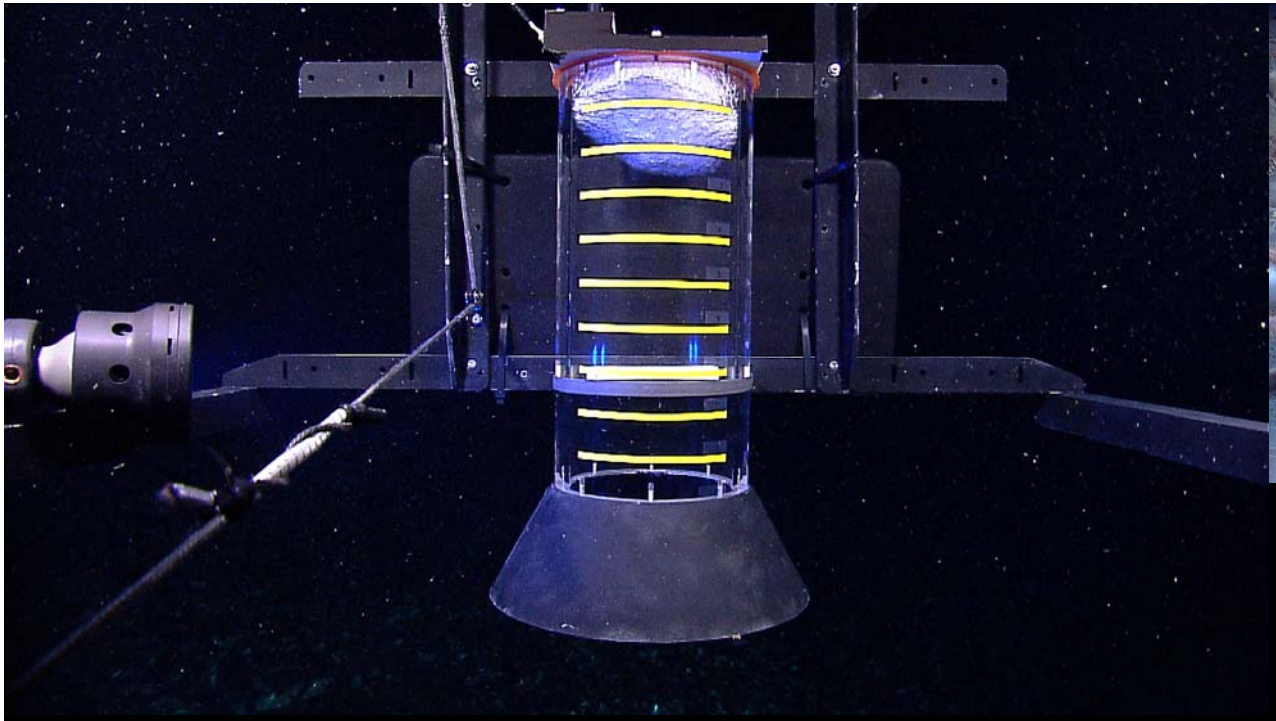
OCEAN EXPLORATION & RESEARCH

Okeanos Explorer
EX 1202 L3
Shipwrecks
Gulf of Mexico

19th Century Shipwreck Discovered In Gulf Of Mexico (PHOTOS)

Posted: 05/17/2012 6:50 pm Updated: 05/31/2012 2:36 pm

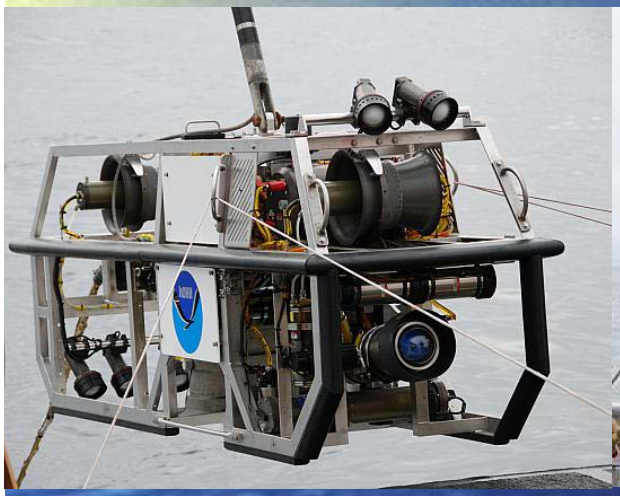
Recommend 612 people recommend this.



Okeanos Explorer
EX 1202 L3
Methane Seeps
Gulf of Mexico

EX Vehicles

2011 - 2012



NOAA OER
Camera Sled *Seirios*

IFE ROV *Little Hercules*

2013 Field Season

NOAA OER ROV

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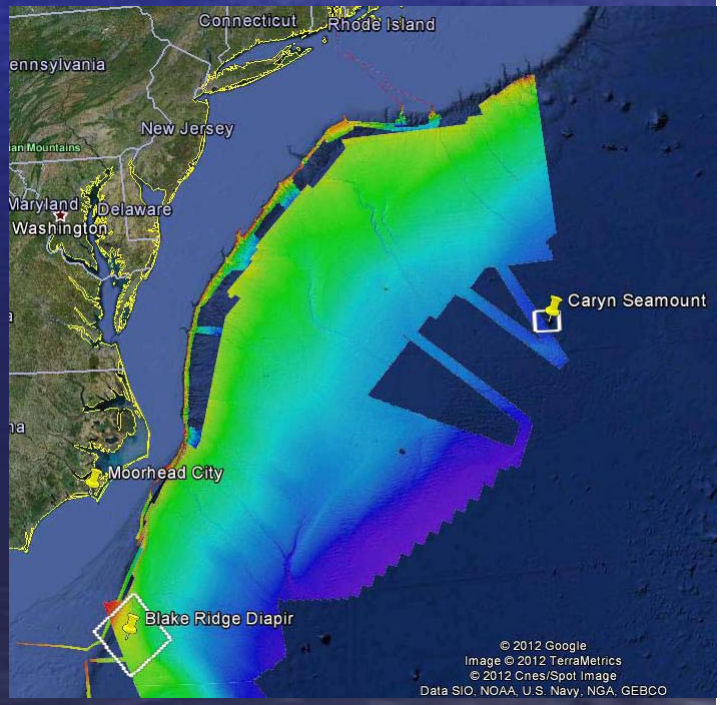
EX1205-L1

Exploration &Testing with Sentry

- July 5-25
- PI's: Cindy Van Dover & Carl Kaiser
- AUV/telepresence tests
- 3 engineering dives planned on Caryn Smt
- 10 dives planned in Blake Ridge area
- Collaboration: NSF, WHOI, Duke, NOAA, URI



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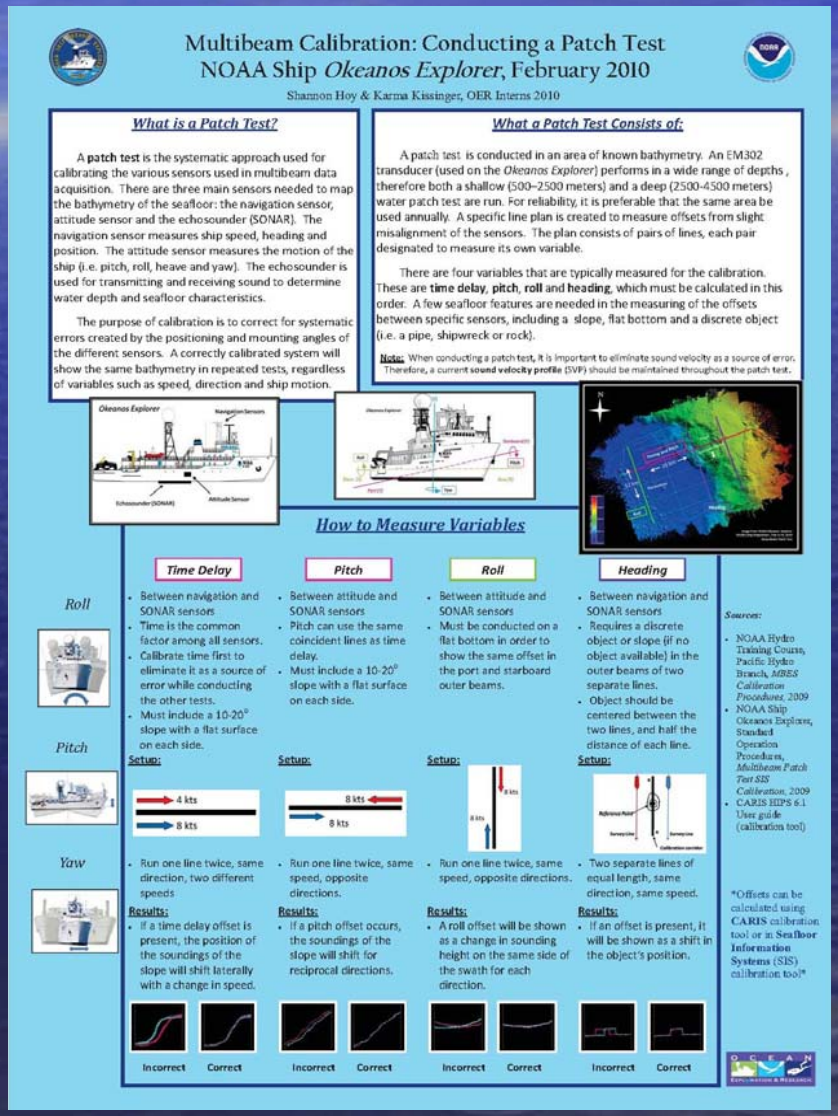
NOAA Ship *Okeanos Explorer* Mapping Internship Program

- Typically one 2-3 week cruise
- Over 120 applicants for 2012, for ~16 positions
- Students learn how to operate EM302 multibeam, EK60 singlebeam, & Knudsen subbottom profiler
- Data acquisition, processing, product development, special projects



NOAA Ship *Okeanos Explorer*
2013

- DRAFT Fleet Allocation Plan 150 DAS
- North Atlantic/Caribbean/GOM
- OER ROV integration
- Mapping

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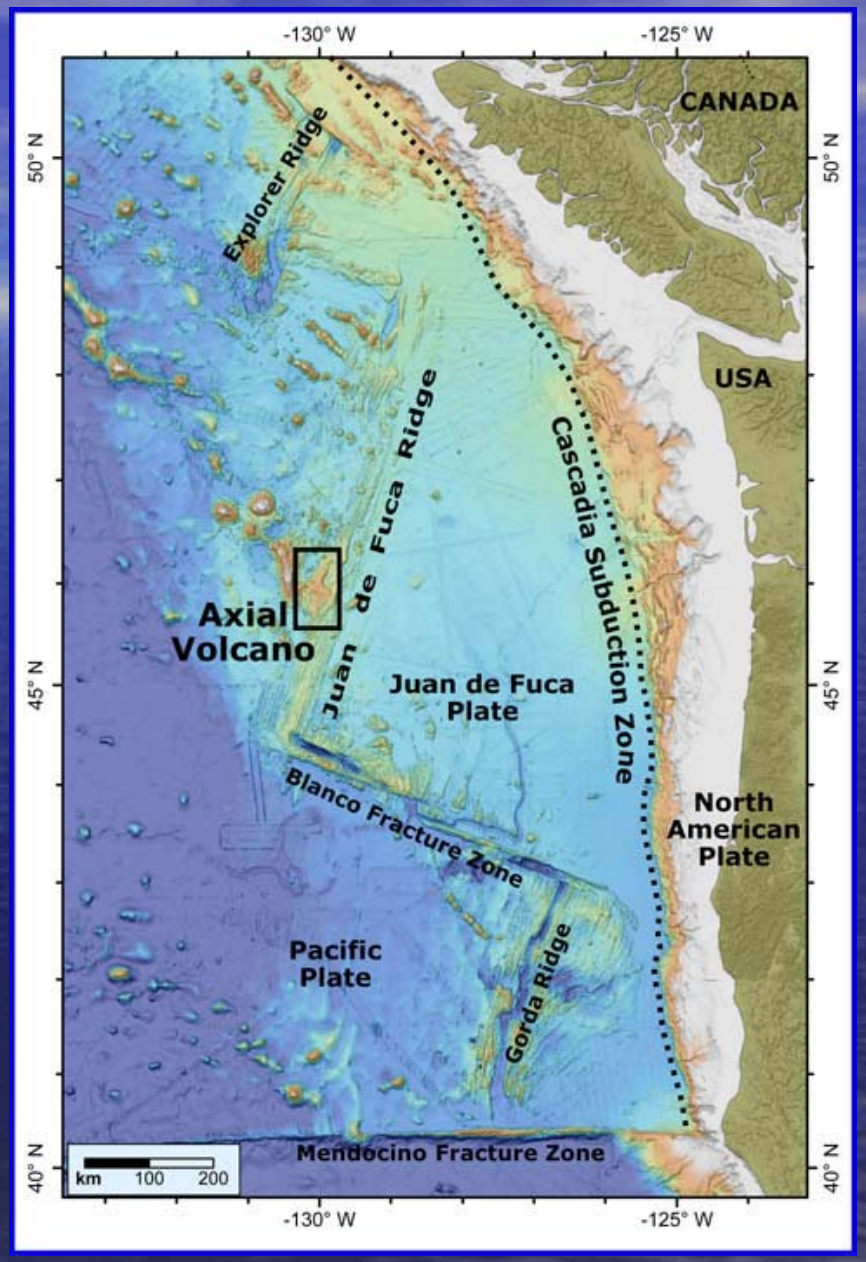
PMEL NeMO Project 2012

- August 15-27 2012
- PI's: David Butterfield & Bill Chadwick
- R/V *Thompson* with Jason
- Long-term time series chemistry and microbiology
- Geodetic and seismo-acoustic monitoring



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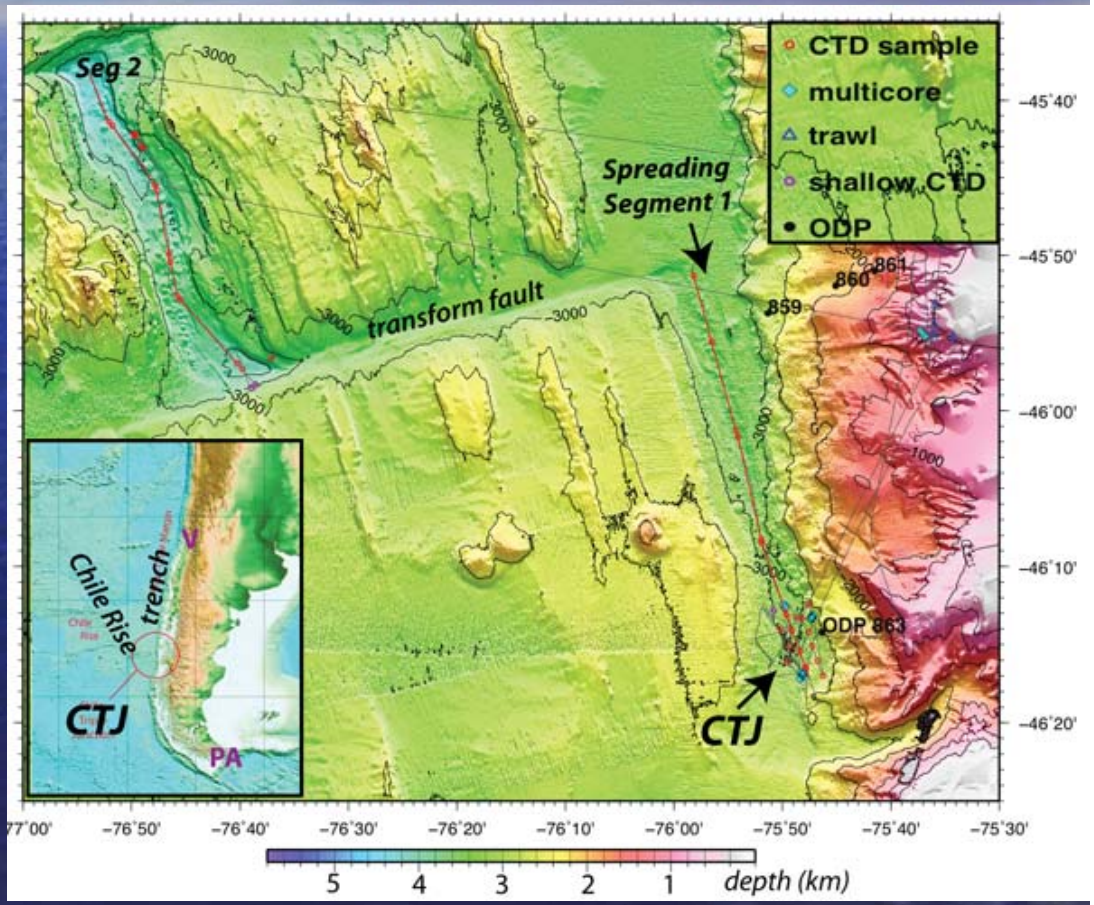
INSPIRE: Chile Margin 2012

- April 21 -30
- PI's: Donna Blackman & Chris German
- R/V *Melville* with Sentry & Towcam
- Follow up to the INSPIRE: Chile Margin 2010 Cruise



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10 Year NOAA OER Program Review

- May 7-8, 2012
- Evaluated by program themes:
  - Targeted Exploration
  - Systematic Telepresence-enabled Exploration
  - Extended Continental Shelf Mapping Initiative
  - Baseline Characterization of Potential U.S. Deep-water Lease Blocks
  - Information and Data Management, and Product Development
  - Engaging the Public through Education and Outreach

http://explore.noaa.gov/about-oer/

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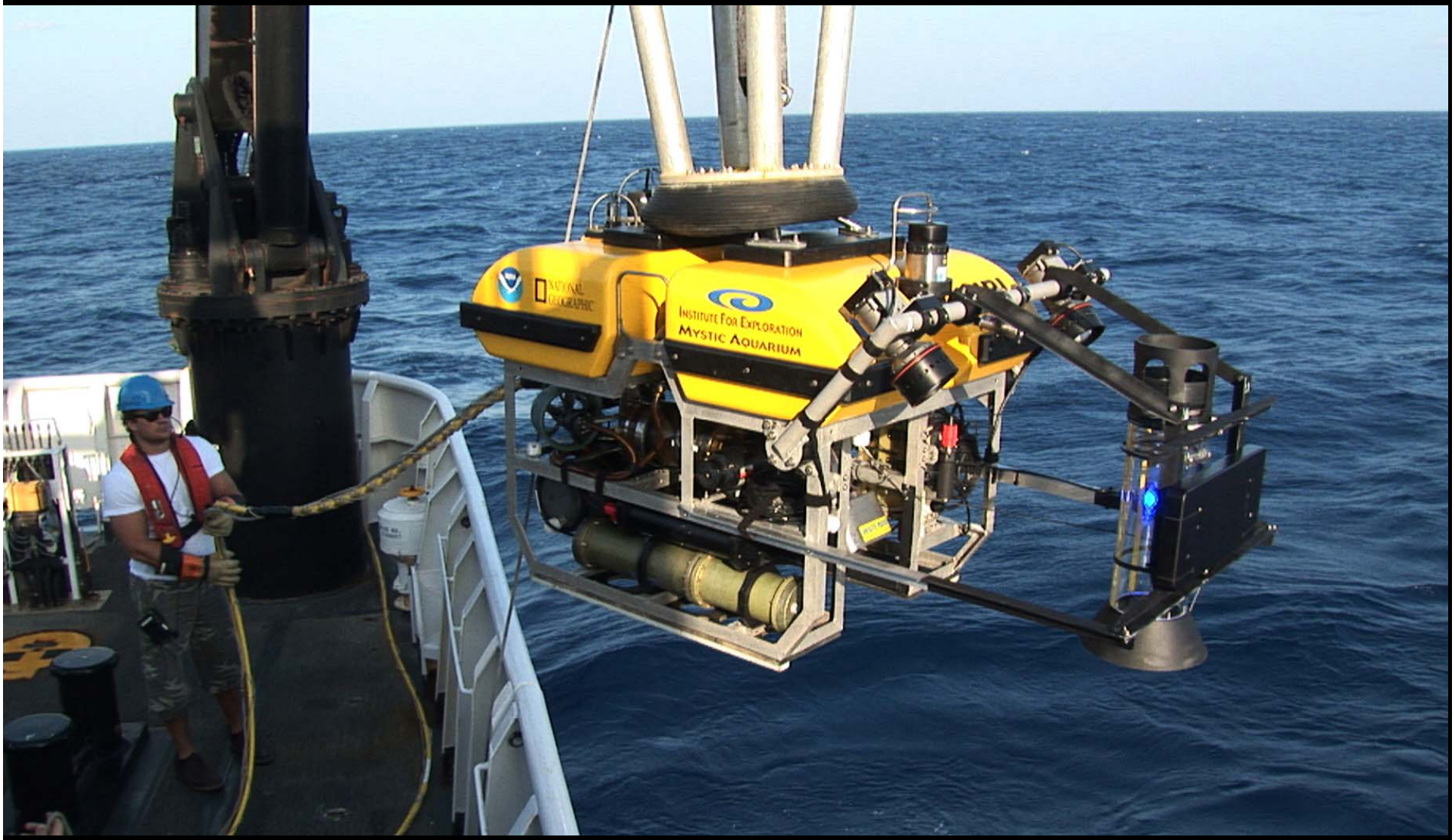
FY 13 President's Budget
NOAA

- $19.7 Million for OER
- Eliminates funding for NURP


INSTITUTE FOR EXPLORATION
MYSTIC AQUARIUM

OER Program Reviewers

- Jesse H. Ausubel-Rockefeller University
- Dr. Susan K. Avery-WHOI
- Dr. Rodey Batiza- NSF
- Dr. James Delgado-NOAA
- Vice ADRM (ret) Paul G. Gaffney- Monmouth University
- Terry Garcia- National Geographic
- Cameron Hume-Former US Ambassador to Indonesia
- Dr. Jeff Karson- Syracuse University
- Dr. James Kendall- BOEM
- Dr. Eric Lindstrom- NASA
- Dr. Marica McNutt- USGS
- Jean May-Brett- Louisiana DOE
- Dr. Steve Ramberg- NDU