

The Ocean Exploration Trust (OET) based in
New London, CT
owns and operates the E/V NAUTILUS

Its initial partner was the Center for Ocean Exploration at GSO/URI with its Inner Space Center



Ocean Exploration Trust

Board of Directors presently includes

- **(URI/GSO)** Graduate School of Oceanography, University of Rhode Island, Center for Ocean Exploration, Director Dr. Robert Ballard
- **(WHOI)** Woods Hole Oceanographic Institution, Director Dr. Mark Abbott
- **(UNH/CCOM)** University of New Hampshire, Center for Coastal and Ocean Mapping, Director Dr. Larry Mayer
- **(USM/GCRL)** University of the Southern Mississippi, Gulf Coast Research Laboratory Director Dr. Monty Graham

Prior to Acquiring the E/V NAUTILUS we
operated Mobile Systems from 1984 - 2008

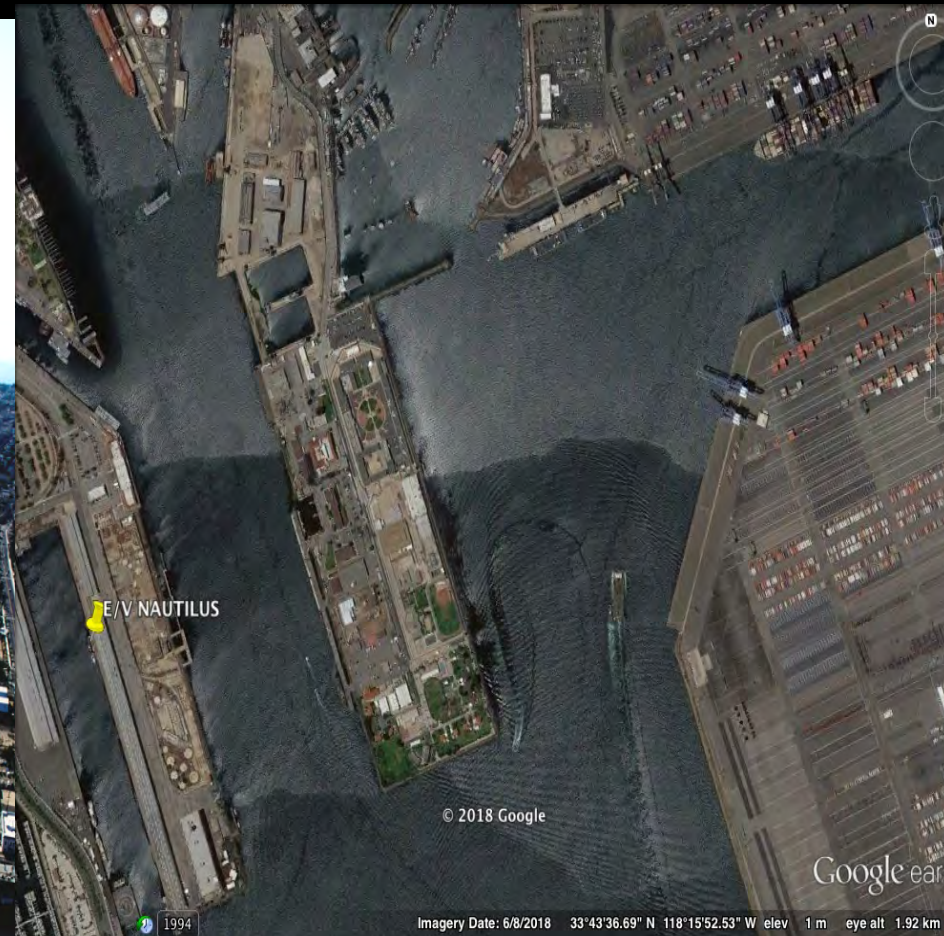


From 2000-2008 we operated the ARGUS/HERCULES ROV system on a broad range of vessels





OET and its Partners with funding from OET and NOAA's Office of Ocean Exploration and Research (OER) are presently building three new Mobile Systems to Support Multiple Ship Classes from the Global-Class to the new RCRVs at OET's Homeport at AltaSea within the Port of Los Angeles' major containerized shipping facility in San Pedro, California within a 1/3rd acre indoor shore facility next to the E/V NAUTILUS.



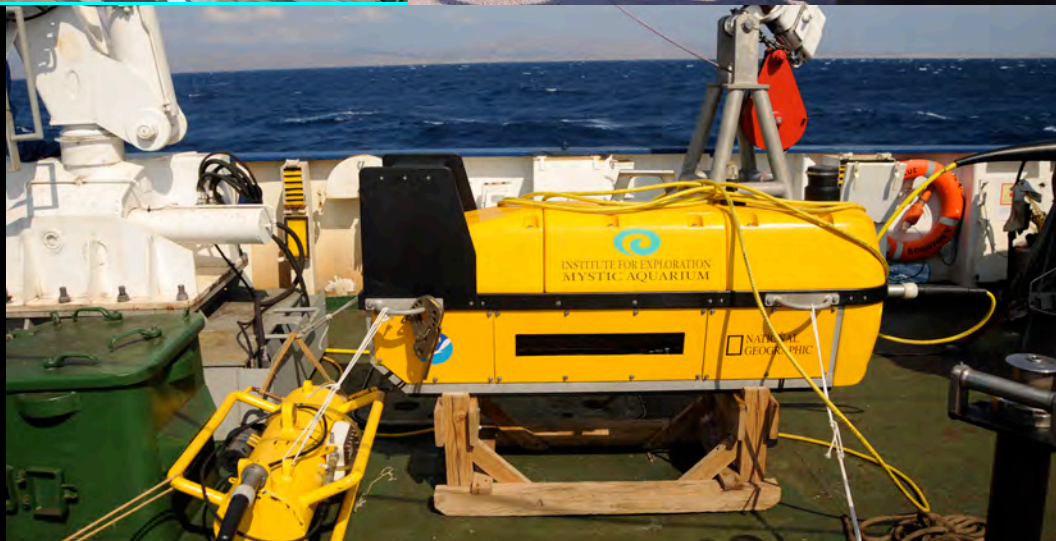
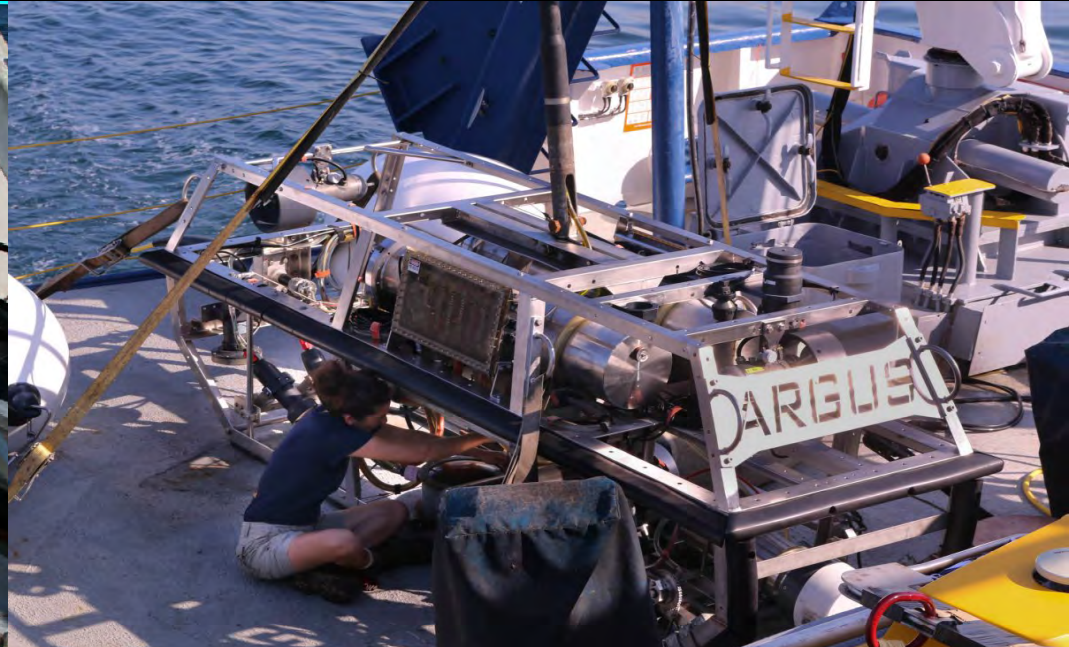
Components Come to All Three

- Autonomous Surface Vessel (UNH)
- Dual Frequency Side-scan Sonar (OER)
- Mobile high bandwidth satellite system (OET)
- USBL Vehicle Tracking System (OER)
- Vehicle Support van (OET)
- Elevators (OET)
- Launch and Recovery Crane (OER)

UNH's Autonomous Surface Vessel (ASV)



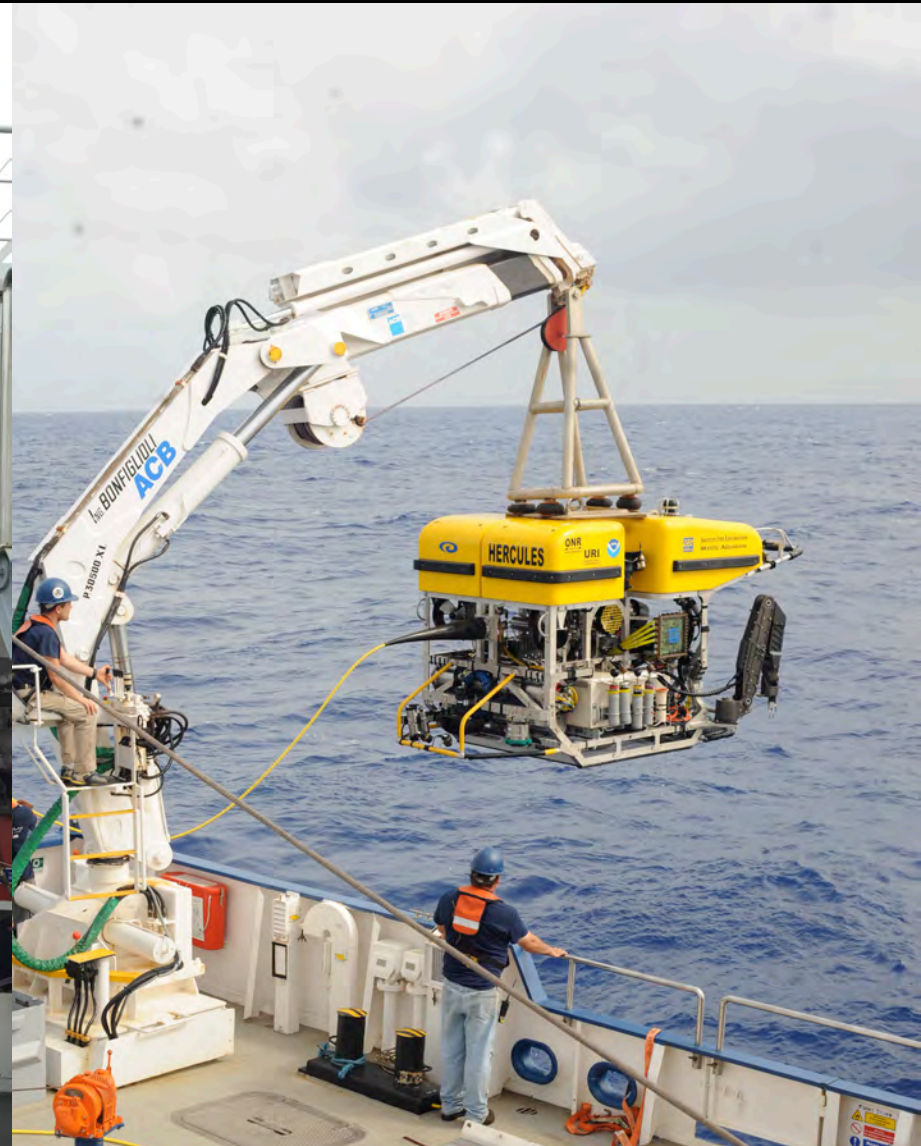
6,000- meter Edgetech Dual Frequency Side-scan Sonar System in Multiple Configurations



OET's High Bandwidth Satellite Systems



Portable Direct Drive Winch with 7,000-meter cable and Launch and Recovery Crane



OET's Vehicle Support Van



USBL Tracking System

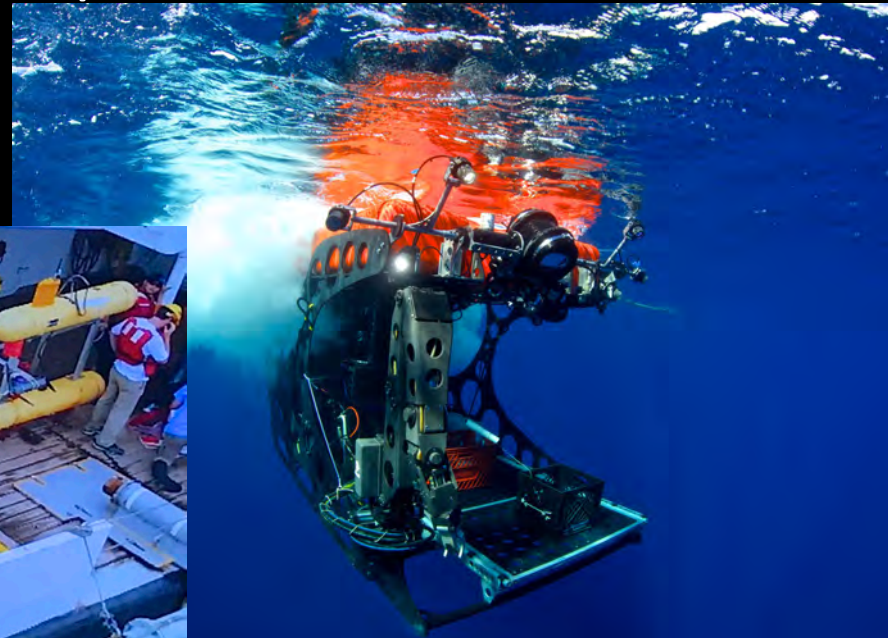


OET Elevators



2,000-meter Mobile System

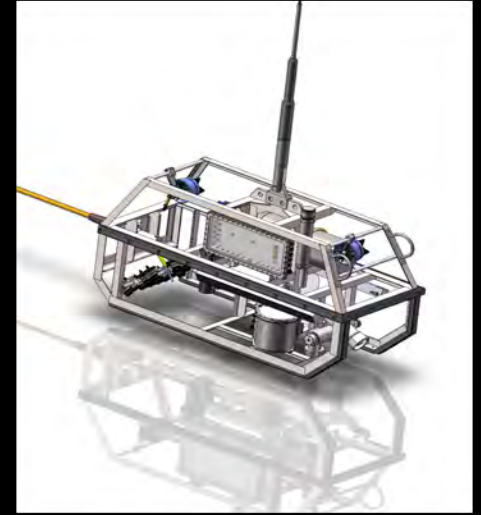
- Wet Lab/Single van Command Center (OET)
- WHOI's NEREID Hybrid ROV/AUV
- USM's EAGLE RAY AUV
- USM's MOLA MOLA AUV



- 4,000-meter system
 - HERCULES I ROV (OET)
 - ARGUS I imaging vehicle either in support of HERCULES I or alone (OET)
 - Two-van Command Center (OER)
 - SENTRY AUV (WHOI)



- 6,000-meter system
 - LITTLE HERC ROV (OET) and HERCULES II
 - ARGUS II (OER) imaging vehicle either in support of ROVs or alone
 - Two-van Command Center (OER)
 - SENTRY AUV (WHOI)





CANADIAN SEAMOUNTS

OCEAN NETWORKS CANADA

CASCADIA MARGIN

PACIFIC SEAMOUNTS

MONTEREY BAY NMS

CALIFORNIA BORDERLANDS

PAPAHĀNAUMOKUĀKEA MNM

LŌ'IHI SEAMOUNT

CLARION-CLIPPERTON
FRACTURE ZONE

NAUTILUS LIVE

2018



THUNDER BAY

GORDA RIDGE

MID OCEAN
SEAMOUNTS

MONTEREY
CORDELL BANK
GREATER FARALLONES

ABYSS

OSBORN BANK

JOHNSTON ISLAND

COBALT RICH CRUST

CLARION-CLIPPERTON
FRACTURE ZONE

MARSHALL ISLANDS

KINGMAN REEF

PALMYRA ATOLL

HOWLAND ISLAND

BAKER ISLAND

JARVIS ISLAND

GARDNER ISLAND

AMERICAN SAMOA

SAMOAN CLIPPER

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NAUTILUS

MOBILE SYSTEM

2020



NAUTILUS



MOBILE SYSTEM

OCEAN NETWORKS CANADA

OLYMPIC COAST

CASCADIA MARGIN

EEZ MAPPING

MONTEREY BAY

CHANNEL ISLANDS

FLOWER GARDEN BANKS

SEAMOUNTS

PESCADERO BASIN

ECOGIG & GISR

SEEPS

MONTEREY WRECK

PUERTO RICO TRENCH

REVILLAGIGEDO ARCHIPELAGO

RED SEA

