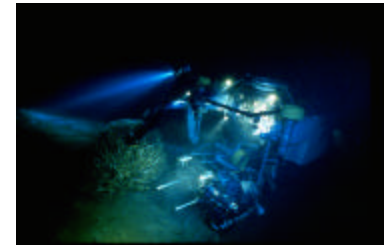


Ocean Exploration

A National Strategy for Ocean Exploration

- Report of the President's Panel
on Ocean Exploration
- Getting Started in FY 2001
- NOAA Initiative for FY 2002

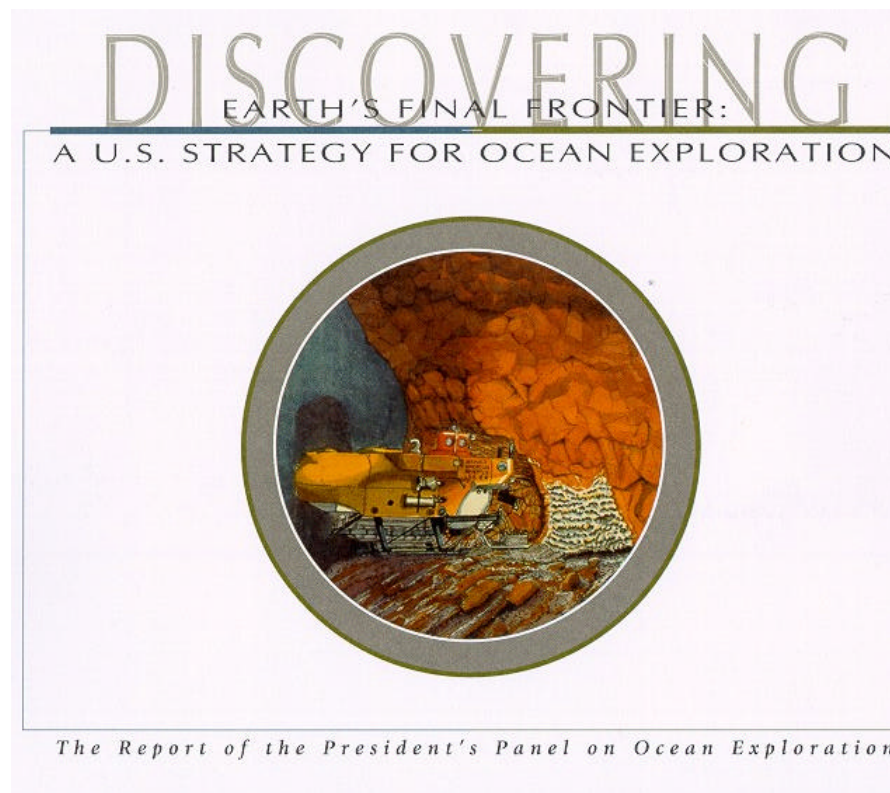


the President's ocean exploration panel



<http://oceanpanel.nos.noaa.gov/>

Report: Discovering Earth's Final Frontier: A U.S. Strategy for Ocean Exploration



panel recommendations

- Objectives and Priorities
 - Mapping at new scales/dimensions;
(resources, new species, new ecosystems)
 - Ocean Dynamics at new scales
 - New technologies
 - Education and outreach
 - Finding maritime cultural assets



panel recommendations

- Key Science
 - characterize vast array of biology, physical and chemical aspects, including new ecosystems
 - acoustic research
 - biotechnology and mineral resources
 - technology development
- Strategy
 - interdisciplinary regional expeditions
 - new partnerships and integrated federal programs
 - recommendations to ensure appropriate protection and uses of new resources



panel recommendations

- Priority Sites
 - U.S. EEZ and continental margins
 - Arctic
 - southern oceans
 - inland seas



panel report recommends

- \$ 75 million /year investment for 10 years
- additional capitalization
- single agency leadership; multi-agency program
- using existing interagency mechanisms
- stakeholders forum throughout all stages
 - private sector, educators, government, academia



NOAA's Ocean Exploration Initiative goal

To explore unknown ocean realms based on solid science programs and share the information gained with educators and the public.



NOAA's Ocean Exploration Initiative

themes

- Exploring Frontier Areas
- Exploring for the ocean's resources—
living and non-living
- Exploring maritime heritage
- Exploring natural sounds in the ocean
- Developing new sensors and systems for
exploration



Getting Started in FY 2001

NOAA's plan

- NOAA Office of Ocean Exploration
 - multi-line staffing
 - Board of Directors
- \$4 Million Budget
 - (11 high visibility programs with maximum outreach potential) e.g.
 - ALVIN expedition – Deep East
 - Continuing Lewis & Clark Trail
 - USS Monitor
 - Next Generation Tools for Exploring Benthic Habitats



Continuing in FY 2002 NOAA's plan

- \$14M budget requested
- Announcement of Opportunity

available early summer 2001



NOAA FY 2002 plan

Supported by

- Education and outreach (10% of budget)
- Data management and dissemination (5% of budget)
- Technology development

