



NOAA Office of Ocean Exploration Quick Look Report

Expedition Title: EX0903 Mendocino Ridge

Results (please check all disciplines in which this cruise collected data)	Details (please describe any novel discoveries in the discipline, answers such as "possible, awaiting data analysis" and "no apparent discoveries" are acceptable)
Bathymetric Mapping <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	(please note total area mapped and technology employed, e.g. multibeam, side scan, etc.)
New Species Discovered <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(please note number, type, and significance ,i.e. radically new vs. slight adaptation of known species)
Bio-prospecting <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(please note number, type, and potential use of new compounds discovered)
Habitat Range Extended <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(please note species discovered in new habitats and how far from previous range were they found)
Chemical Processes <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(please note new or unusual chemical properties such as methane seeps, hypersaline pools, vents, etc. observed)
Biological Processes <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(please note new or unusual biological properties)
Geologic Processes <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	(please note new or unusual geologic processes that may impact scientific understanding of the region)
Physical Processes <input type="checkbox"/> Yes <input type="checkbox"/> No	(please note new or unusual oceanographic processes that may impact scientific understanding of the region)
Sub/ROV/AUV Dives <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(please note name, type, and cumulative hours of bottom time for each platform / if available please provide average working time per dive for each platform / please note if new depth records were set)
New Technology <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	(please note any new tools developed for or during this cruise, also identify first use of an existing technology in a new application)
Maritime Cultural Heritage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(please note discoveries impacting knowledge of the past, i.e. number and type of shipwrecks)
Outreach <input type="checkbox"/> Yes <input type="checkbox"/> No	(please describe outreach channels, e.g. Web, port call, etc., used in this project)
Students Involved <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	(please note the number and level of students on the expedition)
Multidisciplinary <input type="checkbox"/> Yes <input type="checkbox"/> No	(please identify the formal disciplines represented in the science party)
Exploration of New Regions <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	(please note if the area of operations had been previously studied, if so please check no and approximate as slight, moderate or significant, the level of knowledge before the cruise)

Ocean Exploration Quick Look Report Required Elements

The Office of Ocean Exploration (OE) does not require a specific Quick Look Report format. Reports submitted under other requirements (e.g. Cruise Summary Report (CSR)) or Fisheries-Oceanography Coordinated Investigations (FOCI)) are acceptable. In all cases Quick Look Reports submitted to OE should contain the following elements:

Project title: (as listed in original proposal)

Principal Investigator and institution: (as listed in original proposal)

Expedition title: (working name of the expedition)

Expedition dates and itinerary: (a simple table is sufficient)

Chief Scientist and institution:

Co-sponsors / partners / participating organizations: (a table of names and affiliations)

Vessel Identification: (if applicable)

Primary Equipment: (embarked vehicles, sensors, and tools of significance)

Geographic area of operations (identify common name such as Northwestern Hawaiian Islands as well as boundary coordinates for the area, and a map if available)

Summary of Expedition Objectives: (a list of the proposed objectives that were met as a result of the expedition)

Milestones Achieved: (This section of the report should amplify the information provided in the official OE cover sheet summary of results. This section should elaborate on key findings)

Sample log entries: (from any daily logs of activities that were kept)

Summary of Digital Data Collected: (Identify volume in MB/GB/TB etc. and type of data collected. Be as explicit as possible, e.g. identify high definition video as opposed to simply video.)

Summary of outreach and educational activities: (a summary discussion of the nature and success of the activities, i.e., number and types of displays and participants in the case of an open-house event)

Thoughts for the Future: (a discussion of any ideas for future exploration, research, or management activities related to the work accomplished)

Summary of Expedition Operations (A good summary would identify as many of the following elements as possible for each "operation." Table formats are ideal for this aspect of the report: data type collected / time / position / ID tag /operation type /dive tracklines / depth /comments)