



## NOAA Office of Ocean Exploration Quick Look Report

### Expedition Title: EX0904 Water Column Exploration Field Trial I

<b>Results</b> (please check all disciplines in which this cruise collected data)	<b>Details</b> (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)