

Okeanos Explorer ROV Dive Summary: EX-19-04, Dive 05, July 30, 2019

Dive Information

| | |
|-------------------------|---|
| General Location Map | |
| General Area Descriptor | U.S. Northeast |
| Site Name | Incised Channel South of Veatch Canyon |
| Science Team Leads | Michael Jakuba (WHOI), James Partan (WHOI), LCDR Chris Dolan (WHOI/USN) |
| Expedition Coordinator | Michael P. White (NOAA-OER) |
| ROV Dive Supervisor | Daniel Rogers (GFOE) |
| Mapping Lead | Michael P. White (NOAA-OER) |

ROV Dive Name

| | |
|-------------|--------|
| Cruise | EX1904 |
| Dive Number | DIVE05 |

Equipment Deployed

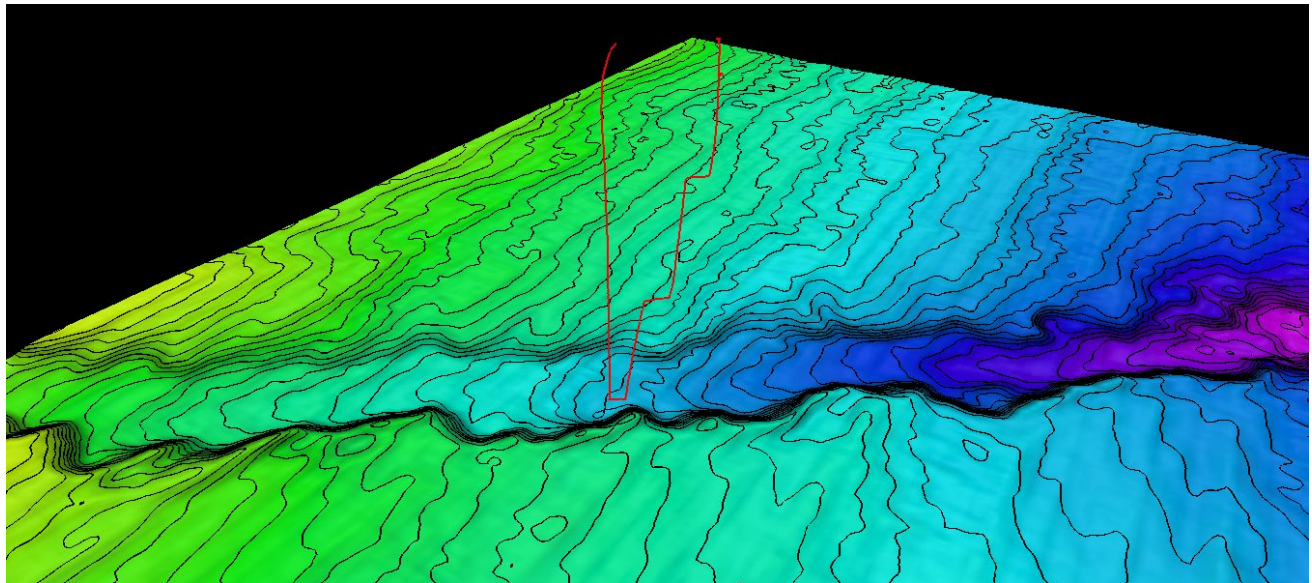
| | |
|-----|------------------------|
| ROV | <i>Deep Discoverer</i> |
|-----|------------------------|

| | |
|----------------------|---|
| Dive Purpose | Testing of Woods Hole Oceanographic Institution One-Way-Travel-Time inverted ultra-short-baseline (OWTTIUSBL last accessed May 2020) |
| Dive Description | Vehicles touched on bottom. Most of the dive was spent towing the vehicles at pre-determined depth intervals. |
| Notable Observations | |



| | |
|--|--|
| Community Presence/Absence (community is defined as more than two species) | Corals and Sponges - No Chemosynthetic Community - No High biodiversity Community - No Active Seep or Vent - No Extinct Seep or Vent - No Hydrates - No |
| Feature Type | Flat |

Close-up Map of Main Dive Site



Bathymetry with 1 Hz ROV Dive track in red. Vertical exaggeration 6x, 10 meter depth contours in black, 100 meter cell size.



Representative Photos of the Dive

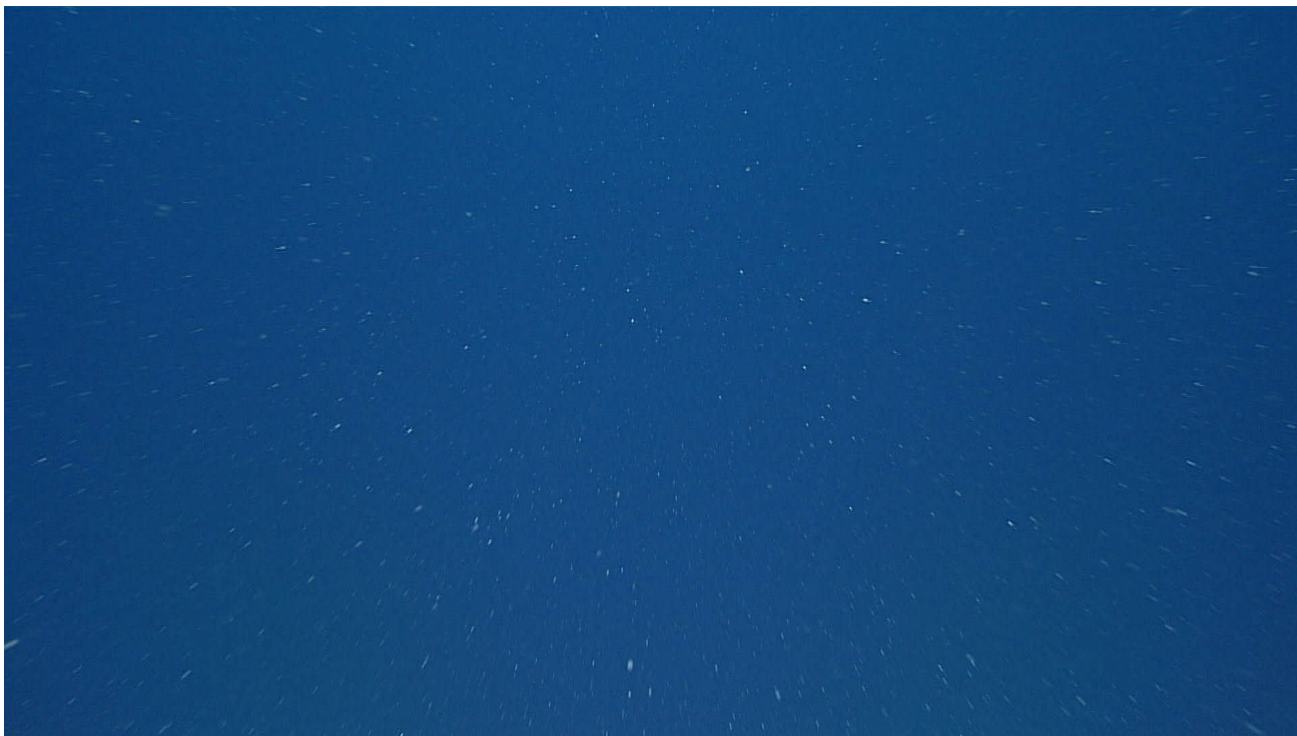


Image mid-water transects during Dive 05

Samples Collected - No samples were collected on EX1904

Please direct inquiries to:

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and Research**