*Okeanos Explorer* ROV Dive Summary

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| --- | --- | --- | --- | --- |
| Dive Information | | | | |
| Dive Map |  | | | |
| Site Name | Engineering Dive Site 1 | | | |
| Expedition Coordinator(s) | Brian RC Kennedy | | | |
| ROV Lead(s) | Karl McLetchie | | | |
| Science Team Lead(s) | None | | | |
| General Area Descriptor | South of Oahu | | | |
| ROV Dive Name | | | | |
| Cruise | EX-16-08 | | | |
| Leg | 0 | | | |
| Dive Number | Dive 1 | | | |
| Equipment Deployed | | | | |
| ROV | Deep Discoverer (D2) | | | |
| Camera Platform | Seirios | | | |
| ROV Measurements | CTD | | Depth | Altitude |
|  | Scanning Sonar | | USBL Position | Heading |
|  | Pitch | | Roll | HD Camera 1 |
|  | HD Camera 2 | | Low Res Cam 1 | Low Res Cam 2 |
|  | Low Res Cam 3 | | Low Res Cam 4 | Low Res Cam 5 |
| Equipment Malfunctions |  | | | |
| ROV Dive Summary (from processed ROV data) | Dive Summary: EX1608\_DIVE01  ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^  In Water: 2016-12-03T18:31:16.719000  21°, 13.025' N ; 157°, 57.047' W  Out Water: 2016-12-03T22:31:26.777000  21°, 13.079' N ; 157°, 56.819' W  Off Bottom: 2016-12-03T22:11:38.025000  21°, 13.018' N ; 157°, 57.008' W  On Bottom: 2016-12-03T18:51:26.168000  21°, 12.996' N ; 157°, 56.947' W  Dive duration: 4:0:10  Bottom Time: 3:20:11  Max. depth: 511.5 m | | | |
| Special Notes |  | | | |
| Scientists Involved  (please provide name, location, affiliation, email) | None | | | |
| Purpose of the Dive | Engineering trials of ship and ROV systems | | | |
| Description of the Dive | This dive was devoted to engineering trials of the ROV and Telepresence systems. No exploration was conducted during the dive. | | | |
| Overall Map of the ROV Dive Area | | **Close-up Map of Main Dive Site** | | |
| Hypack%20screen%20grabs/Dive01_Hypack_wide.jpg | | Hypack%20screen%20grabs/Dive01_Hypack_zoom.jpg | | |
|  | |  | | |
| Representative Photos of the Dive | | | | |
| ../Imagery/EX1608_DIVE01_20161203/EX1608_IMG_20161203T211830Z_ROVHD.jpg | | ../Imagery/EX1608_DIVE01_20161203/EX1608_IMG_20161203T191700Z_ROVHD.jpg | | |
| Stingray seen during the dive | | Several pieces of anthropogenic debris were seen throughout the dive. | | |
| Samples Collected | | | | |

**Please direct inquiries to:**

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