*Okeanos Explorer* ROV Dive Summary

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| Dive Information |
| General Location |  |
| General Area Descriptor | Oahu |
| Site Name | Caiman Targets |
| Science Team Leads | John Smith/Meagan Putts |
| Expedition Coordinator  | Kasey Cantwell |
| ROV Dive Supervisor | Karl McLetchie |
| Mapping Lead | Mike White |
| ROV Dive Name |
| Cruise | EX1708 |
| Leg | - |
| Dive Number | DIVE21 |
| Equipment Deployed |
| ROV | Deep Discoverer |
| Camera Platform | Seirios |
| ROV Measurements | [x]  CTD | [x]  Depth | [x]  Altitude |
|  | [x]  Scanning Sonar | [x]  USBL Position | [x]  Heading |
|  | [x]  Pitch | [x]  Roll | [x]  HD Camera 1 |
|  | [x]  HD Camera 2 | [x]  Low Res Cam 1 | [x]  Low Res Cam 2 |
|  | [x]  Low Res Cam 3 | [x]  Low Res Cam 4 | [x]  Low Res Cam 5 |
| Equipment Malfunctions |  |
| ROV Dive Summary(from processed ROV data) |  Dive Summary: EX1708\_DIVE21^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^In Water: 2017-09-28T18:31:18.905000 21°, 12.989' N ; 158°, 08.196' WOut Water: 2017-09-29T02:30:34.327000 21°, 12.985' N ; 158°, 07.141' WOff Bottom: 2017-09-29T02:00:18.093000 21°, 12.964' N ; 158°, 07.341' WOn Bottom: 2017-09-28T19:07:38.474000 21°, 12.940' N ; 158°, 08.032' WDive duration: 7:59:15Bottom Time: 6:52:39Max. depth: 843.6 m |
| Special Notes |  |
| Scientists Involved(please provide name, location, affiliation, email) |

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| Purpose of the Dive | To investigate a series of sonar anomalies in an effort to locate the remains of the Japanese fast submarine I-203 (Sentaka-type) captured at the end of WWII, brought to Pearl Harbor as part of the 5-submarine prize fleet, and disposed near this area in 1946. If found, conduct non-invasive survey focusing on the innovative features of this rare fast attack vessel.  |
| Description of the Dive | Multibeam sonar targets at all 5 selected waypoints, generated from existing multibeam data and refined by the maritime archaeology collaborative team, were examined by the ROV and found to be geologic (basalt rock) formations. I-203 was not located. One unexpected target was confirmed: remains of a WWII-period floating causeway (“rhino barge”).  |
| Overall Map of the ROV Dive Area | Close-up Map of Main Dive Site |
| D:\KC_Silver_Spring_Comp\Documents\FY17\Expedtions\EX\EX1708\ship's network\EX1708\DiveSummaries\HypackScreengrabs\DIVE21_Hypack_wide.JPG | D:\KC_Silver_Spring_Comp\Documents\FY17\Expedtions\EX\EX1708\ship's network\EX1708\DiveSummaries\HypackScreengrabs\DIVE21_Hypack_zoom.JPG |
| Representative Photos of the Dive |
| D:\KC_Silver_Spring_Comp\Documents\FY17\Expedtions\EX\EX1708\Imagery\EX1708_DIVE21_20170928\EX1708_IMG_20170928T232018Z_ROVHD.jpg | D:\KC_Silver_Spring_Comp\Documents\FY17\Expedtions\EX\EX1708\Imagery\EX1708_DIVE21_20170928\EX1708_IMG_20170928T212539Z_ROVHD.jpg |
| While the Caiman targets did not turn out to be a WWII shipwreck, the survey revealed a sunken WWII era floating dock | Several of the sonal anomalies targeted during this dive were revealed to be rocky outcrops. |
| Samples Collected |
| No samples were collected during this dive. |

# Please direct inquiries to:

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