

PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: P5-805 Date: July 13, 2013

Observer 1: Max Gremer - Pilot

Affiliation: \_\_\_\_\_

Dive Location: Off of South Oahu

Observer 2: \_\_\_\_\_

Latitude: 21° 13.607' N

Affiliation: \_\_\_\_\_

Longitude: 157° 53.277' W

Purpose: Research  Training  Test

Time of Dive: 1304

Other: \_\_\_\_\_

Time of Surface: 1553

Special Equipment: \_\_\_\_\_

Time Submerged: 2:49

Cameras: Mini Zeus HD ROS-5D

Time Thru Last Dive: 5423:59

Manipulators: Titan 4 HYCO

Total Time to Dive: 5426:48

Samplers/Sensors: \_\_\_\_\_

Dive Depth: 542m

Support Vessel: R/V American Emerald

Water Depth: 542m

Captain: Matt Tongg

Water Temperature: 6.3°C @ 542m

Visibility: \_\_\_\_\_

Dive Narrative: LRT 302 - Pisces V Training dive. Doug Pilots LRT. 1312 LRT under. Max pilots Pisces V on takeoff. 1318 off LRT 1342 Land on a flat sandy bottom in 510m. 1350 Move south. 1401 Moving south to try to locate target. 1412 Move S. Pass target. Need to refine tracking capability. 1450 539m Leave the bottom. 1511 100m rebalasting Pisces V for LRT landing. 1529 On the surface. 1534 American Emerald passing. 1536 LRT in view 1532 Diving. Max makes landing on LRT. 1544 On LRT. Gradual controlled ascent is more stable coming through interphase. 1549 On surface. 1553 Hatch open.

Pilot's Signature: Terry Kerby

Date: 7/14/13

Operations Director: Terry Kerby

Date: 7/14/13