

## PISCES V DIVE REPORT

Pilot: Terry KerbyDive #: P5-883Date: Aug 24, 2017Observer 1: Blue EisenAffiliation: HURL Sub Ops

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

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

Purpose: Research   Training  Test 

Equipment Used: \_\_\_\_\_

Cameras: Insite Mini Zeus HD-POS SDManipulators: Titan 4 HYCO

Samplers &amp; Sensors: \_\_\_\_\_

Support Vessel: R/V Kamihai-O-KanaloaCaptain: Mike HoshlykDive Location: S. of Barber's Pt. 54 site

Latitude: \_\_\_\_\_

Longitude: \_\_\_\_\_

Time of Dive: 0811Time of Surface: 1600Time Submerged: 7:49Time Thru Last Dive: 5917:48Total Time to Dive: 5925:37Dive Depth: 1527mWater Depth: 1527mWater Temperature: 3.3°C

## Dive Narrative:

Test dive to recover tracking xDCR and descend to 1500m in preparation for ABS recertification dive. 0817 Launch. 0915 929m On the bottom, Flat sand. Range & bearing to 54. 565m @ 115°. Moving to the SE. 0908 P4 launched, Passing 25m. 0930 928m Moving SE. 0947 P4 on bottom. 1000 924m Locate xPDR off stern of 54. 1009 Recovered xDCR. 1018 Conducting stem to bow survey of 54. Continue down slope. Range to target "Lone Star" 4000m 255°. 1048 924m. Descending down steep rocky terrain 1100 931m Moving SW. 1101 P4 @ 1085m 1145 1134m Move West. Pilot training, Blue getting sub handling experience descending down steep rocky terrain. 1230 1467m STBD thruster failure. No power, high gnd under load. Secure STBD thruster power. Land on a steep sandy slope at 1467m. P4 continues to target. Must wait for P4 to be recovered so P5 is positioned on aft deck for tomorrow mornings scheduled ABS recertification dive. 1307 P4 at target Lone Star position. No target. Barren sand.

Pilot's Signature: Terry KerbyDate: 9/8/17Operations Director: Terry KerbyDate: 9/8/17

over 2

05-883

1308 1476m. Holding P5 into slope with port down thrust. Downslope current moving P5 in slow backwards slide down slope. 1312 1480m P4 moving upslope to P5 to establish better communications with KOK before leaving bottom. 1324 1493m. Continue slow slide down slope. 1327 1624m P4 depth at final position. 1415 1527m. Pisces V leaves the bottom. 1539 On the Surface. 1555 Secure on deck. 1600 Hatch open. Stbd PBOF thruster cable flooded with seawater from missed hose clamp.