

PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: P5-868 Date: Oct. 23, 2016
 Observer 1: Brendan Roark
 Affiliation: Texas A&M Dive Location: Pioneer Bank NW 1/4
 Observer 2: Kelci Miller Latitude: 26°05.666' N
 Affiliation: Texas A&M Longitude: 175°17.696' W
 Purpose: Research Training Test Time of Dive: 1212
 Equipment Used: Time of Surface: 1710
 Cameras: Mini Zeus HD, ROS 5D Time Submerged: 4:58
 Manipulators: Titan 4, HYCO Time Thru Last Dive: 3815:26
 Samplers & Sensors: CTD, Water Samplers Total Time to Dive: 3820:24
Bio Boxes Dive Depth: 453m
 Support Vessel: R/V Kaimikei-O-Kenaka Water Depth: 453m
 Captain: Mike Hoshlyk Water Temperature: 12.7° @ 400m
10.2° @ 453m

Dive Narrative: Second attempt at two sub dive. Dive to locate and recover lander. 1247 Land on a sandy bottom in large well formed sand dunes (rows) at 453m. Lander will be lost in dune formations on the sonar scan. 1255 Move to SE to estimated position of lander. 1300 Pisces IV is diving. Go beyond estimated position. Moving back over sand dune formations. 1322 Locate Lander. 26°05.823'N 450m 173°17.627'W. Begin tasks around lander. 1332 Recover 1st settling tray experiment. 1354 Install Radio Beacon, 1357 Collect second settling tray experiment. Remove flat weight. 1359 Release main drop wts from lander. Lander on it's way to the surface. 1400 450m Collect water sample 1B. 1423 Lander on the surface. 1436 Lander on deck. 1437 Pisces IV moves downslope to 500m contour. Pisces V moves upslope to 400m contour. 1457 Both subs start parallel transect for 500m. 1521 P5 moves SW, collecting samples. Second transect. 1530 P4 leaves bottom. 1632 Pisces V leaves the bottom from 432m

Pilot's Signature: Terry KerbyDate: 10/25/16Operations Director: Terry KerbyDate: 10/25/16