

PISCES V DIVE REPORT

Pilot: MAX CREMER Dive #: PS-781 Date: JUNE 21, 2012
 Observer 1: FRANK PARRISH
 Affiliation: NOFIS Dive Location: OFF KEARHOLE PT.
 Observer 2: RAY BOLAND Latitude: N 19° 48.439'
 Affiliation: NOFIS Longitude: W 156° 07.572'
 Purpose: Research Training Test
 Other: _____ Time of Dive: 0807
 Special Equipment: _____ Time of Surface: 1641
 Cameras: MINI-ZEUS HD, ROS SD Time Submerged: 8:34
 Manipulators: TITAN 4, HYCO Time Thru Last Dive: 5280:53
 Samplers/Sensors: CTD-DO, R10 BOK, DOPPLER, Dive Depth: 396 m
COVERED CRANE, 5 FLOWER POTS, 3 FLOW METER Water Depth: 396 m
 Support Vessel: R/V KAHIMARI-O-KARNALOA Water Temperature: refer to CTD log
 Captain: CLARY GUTZERT Visibility: fair, ~15 m

Dive Results/Remarks: DEEP CORAL SURVEY DIVE, RE-VISITING PREVIOUSLY
MARKED AND INSTRUMENTED SITES. 0845 land on bottom in a strong current
 from S, flat and sandy area. Parascientific depth sensor and tide gauge do not agree.
 Estimated depth (tide) 387 m. 0856 move S toward intended dive site. 0912 372m deploy
 flower pot #40 near partially degraded, white coral fan. Current continues strongly from S.
0939 364m, collect large *GERRARDIA* stump with some live colonies. 0945 364m arrive at
 pot #10, making observations and deploy Doppler current meter + flow meter #3. This is
 very near the large stump collection site. 1022 move toward WP5, about 265m to
 the SW. 1056 cannot locate WP5 on this attempt, moving to WP4. 1109 locate pot #11,
 making observations. 1157 ^{385m} locate "beach gold" site, which WP2, deploy pot #41 and
 flow meter "A". 1220 move NE to return to intended dive position, hoping for better conditions.
1248 locate pot #10, able to observe better than before. Move S for second attempt to locate
 WP5. 1311 390m, locate WP4 making observations. 1328 385m locate WP5 with weather #54,
 2 sediment traps and one flow meter. 1342 recovered 2 sediment traps, flowmeter, deploy pot #42.
1402 move W to WP6. 1423 @ WP6 making observations. Move SE to WP8. 1502 @ WP8 making observations.
1519 collect large coral stump at 393m to NW of WP8. 1539 secure samples & gear. 1559 396m leave bottom. Normal recovery.

Pilot's Signature: _____

Date: 6-23-12Operations Director: Terry KerbyDate: 6-27-12

For equipment deficiencies, refer to maintenance logs.