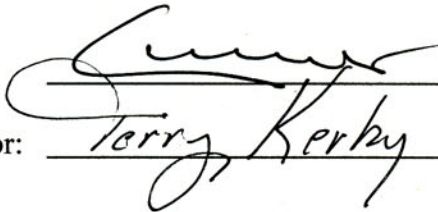


## PISCES V DIVE REPORT

Pilot: MAX CREMER Dive #: P5-797 Date: DECEMBER 15, 2012  
 Observer 1: CHRIS KELLEY  
 Affiliation: HURL Dive Location: SOUTH OAHU, BARRIERS PF.  
 Observer 2: FRANK PARRISH Latitude: 21° 14.406' N  
 Affiliation: NMFS Longitude: 158° 01.054' W  
 Purpose: Research Training Test  
 Other: SYLVIA EARLE/NEWSWEEK PR DIVE Time of Dive: 0901  
 Special Equipment: Time of Surface: 1540  
 Cameras: MINI-ZEUS HD, ROS SD Time Submerged: 6:39  
 Manipulators: TITAN 4, HYCO Time Thru Last Dive: 5396:50  
 Samplers/Sensors: BIO BOX Total Time to Dive: 5403:29  
 Support Vessel: R/V KIRIMIKAI-O-KAWILOA Dive Depth: 411 m  
 Captain: CLARY GUTZEL Water Depth: 411 m  
 Water Temperature: 9.9°C @ 371 m  
 Visibility: \_\_\_\_\_

Dive Narrative: ACCOMPANYING P4, CARRYING SYLVIA EARLE AND NEWSWEEK  
REPORTER. Mission is to set up new work site for F. PARRISH and survey  
for GERARDIA and bottom fish. 0930 371m land on the bottom in a rocky area  
with black coral and orange, in a strong current out of the NW. 0947 move  
SW after collecting sample from LEOPATHES tree. 0959 331m collect sponge  
samples from a wall. 1008 looking for top of feature. 1014 325m collect 1st  
coral sample. 1033 326m locate coral bed. 1037 deploy pot #40. 1107 P4  
meets up with P5. 1111 deploy doppler current meter. 1127 329m deploy  
flow meter at margin of coral bed. Moving E to S19 position. 1344  
411m arrive @ S19 in strong current. Attempt to sample some of  
the plentiful soft coral, but the current threatens to sweep valuable  
samples out of the bio box. 1457 prepare to leave bottom from a  
position near S19. 1501 leave bottom from 411m. Normal recovery.

Pilot's Signature: \_\_\_\_\_


Date: 1-14-13

Operations Director: \_\_\_\_\_

Date: 1-14-13