

PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: PV-706 Date: November 29, 2007
 Observer 1: Colin Wollerman PIT
 Affiliation: HURL sub ops Dive Location: Cross Seamount
 Observer 2: Frank Parrish Latitude: 18° 43.174' N
 Affiliation: NMFS Longitude: 158° 15.541' W
 Purpose: Research Training Test
 Other: _____ Time of Dive: 0832
 Special Equipment: _____ Time of Surface: 1625
 Cameras: Sony DV - ROS Time Submerged: 7:53
 Manipulators: Titan - HYCO Time Thru Last Dive: 4762:04
 Samplers/Sensors: CTD, Data transmitters Total Time to Dive: 4769:57
Data receivers. Dive Depth: 382^m 396m
 Support Vessel: R/V Keimikai-O-Kanaloa Water Depth: 382^m 396m
 Captain: Ross Barnes Water Temperature: 8.3°c
 Visibility: _____

Dive Results/Remarks: NMFS dive to establish a cooke shark monitoring station at the Jurassic Park Pinnacle and collect dead gold coral trees for carbon dating. 0859 Land in a flat sandy patch amongst manganese coated boulders in 382m. 0906 Moving N to Jurassic Park. 0923 At marker #58 on the summit of the Jurassic Park pinnacle at 341m. 0940 343m Locate a suitable spot to conduct a bait station to try to feed 3 transmitters to Cooke sharks. Numerous sharks in the area. Several come near bait piles but most are more interested in investigating the sub. 1147 A shark with 3 black spots eats transmitter #2. The same shark comes back and eats transmitter #3. The 3 spot shark tries to eat transmitter #1 but drops it then regurgitates transmitter #3 and #2. 1255 secure bait station. Unable to deploy a monitoring station.

Equipment Deficiencies: 1308 347m Move to the south. 1332 Moving down from summit of Jurassic Park Pinnacle 1400 379m Collect Coral. 1439 Move WNW 1526 392m Collecting dead coral trees. 1544 Leave the bottom from 396m.

Pilot's Signature: Terry Kerby Date: 11/30/07
 Operations Director: Terry Kerby Date: 11/30/07