

PISCES V DIVE REPORT

Pilot T. Kerby Wt. \_\_\_\_\_  
 Observer Frank Parrish Wt. \_\_\_\_\_  
 Observer Title/Affil. National Marine Fisheries Service  
 Observer Francis Oishi Wt. \_\_\_\_\_  
 Observer Title/Affil. State of Hawaii Aquatics Resources  
 Dive Location East French Frigate Shoals  
 Lat. 23° 55.010'N Long. 165° 23.144'W  
 Purpose:  Research  Training  Demo  
 Other: \_\_\_\_\_  
 Special Equipment:  
 Camera (type) Sony/Panasonic  
 Manipulator Titan/Hyco  
 Other \_\_\_\_\_  
 Support Vessel R/V Kaimikai-O-Kenaka

Dive # 451  
 Date October 1, 2000  
 Time of Dive 0820  
 Time of Surface 1640  
 Time Submerged 8:20  
 Time Thru Last Dive 2859:05  
 Total Time to Dive 2867:25  
 Dive Depth 420m  
 Water Depth 420m  
 Water Temp. \_\_\_\_\_  
 Visibility \_\_\_\_\_  
 ABT # at Neutral \_\_\_\_\_  
 Captain Bob Hayes

Dive Results/Remarks: Survey of gold coral area. National Marine Fisheries Dive. This dive is to establish the size and coral density of a concentrated gold coral site that is in the same position as monk seal dives acquired from critter cam data. 0846 361m Land in rocky terrain. Move East South East. Enter area of sand channels and rock pinnacles with gold coral trees on the raised rock features. Deploy markers with 37khz pinger, and 40khz fish xpdr. Move North from pinger position at 354m. Taking sonar images. Move back south to pinger position after coral runs out. Current is building out of the south. 1050 At marker. Deploy #12 marker then move to the East. Strong Northerly current is setting us off a true Easterly heading. Run East and take sonar images until coral runs out. Move back to pinger position.  
 Equipment Deficiencies: Deploy #12 marker with flower pot #3. Move West, taking sonar images. Strong Northerly current. Come to barren area to West end and return to pinger. Deploy pot # II and IV. Move south to end of dive. Drop to 420m then back up to 409m where we leave the bottom.

Pilot Terry Kerby  
 Ops. Mgr. WPK

Date 10/3/00  
 Date 10/3/00