

## PISCES V DIVE REPORT

Pilot: MAX CREMER Dive #: PS-693 Date: NOVEMBER 5, 2007  
 Observer 1: TOM GILDERSON  
 Affiliation: UC SANTA CRUZ Dive Location: FRENCH FRIGATE SHOALS  
 Observer 2: JUSTINE KIMBALL Latitude: 23° 59.154' N  
 Affiliation: STANFORD UNIVERSITY Longitude: 165° 29.816' W  
 Purpose: Research Training Test Time of Dive: 0808  
 Other: \_\_\_\_\_ Time of Surface: 1618  
 Special Equipment: \_\_\_\_\_ Time Submerged: 8:10  
 Cameras: ROS only Time Thru Last Dive: 4655:42  
 Manipulators: HyCO only Total Time to Dive: 4663:52  
 Samplers/Sensors: LARGE CORAL COLLECTION Dive Depth: 1065m  
BRUIET, CTD-DO Water Depth: 1065m  
 Support Vessel: R/V WAHIKIARI-O-KAUNALOA Water Temperature: REFER TO CTD LOG  
 Captain: ROSS BARNES Visibility: GOOD, 15-20+ m

Dive Results/Remarks: DEEP SEA CORAL SYSTEMATICS DIVE.  
0912 1065m land on the bottom on a gentle slope, sediment covered.  
0923 move ESE upslope, looking for coral to sample. 1000 1018 continue  
 to ESE. 1117 846m change direction upslope to SSE. 1200 668m continue  
 upslope to S. 1213 644m observe first dendrochilid of this dive.  
1235 598m collect fossil cup coral. 1240 continue upslope S.  
1306 begin combing to E at about 550m. 1403 555m collect  
 pink coral specimen. 1406 continue in a strong westerly current.  
1431 555m attempting to move S. 1521 495m obtaining final  
 position and leave the bottom at 1534. Make a successful  
 recovery.

Equipment Deficiencies: SONY, TITAN inop. Barometer intermittent.  
Ubil. hydroacoustic fail at low V, high demand.

Pilot's Signature: 

Date: 11-7-07

Operations Director: 

Date: 11/7/07