

## PISCES V DIVE REPORT

Pilot: MAX CREMER Dive #: P5-578 Date: SEPTEMBER 20, 2004

Observer: JOHN RUNCIE

Observer Title/Affil.: Institute of Technology,  
Sydney, Australia

Observer: YUMI USUI

Observer Title/Affil.: UH HILO

Dive Location: PEQUIN BANKS

Latitude: N 20:58.0

Longitude: W 157:26.2

Time of Dive: 0809

Time of Surface: 1621

Time Submerged: 8:12

Time Thru Last Dive: 3767:04 3775:07

Total Time to Dive: <sup>TK</sup> 3775:16 3783:19

Dive Depth: 137 m

Water Depth: 137 m

Water Temperature: 21.3°C @ 137m

Visibility: VERY CLEAR 25+ m

Purpose: Research Training Test

Other: \_\_\_\_\_

Special Equipment (Cameras, Manipulators, Samplers, etc.)

SONY DV, RED COLOR, KYCO, TITAN, CFD

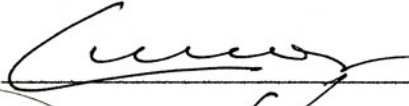
LIGHT METERS, FLOURESCENCE METER

Support Vessel: PIKAIMIKAH - O - KANALO

Captain: ROSS BARNES

Dive Results/Remarks: Algae survey and collection dive. Land on sandy slope in  
109 m at 0828. 0842 109m collect five samples of different algae species in jar #1. 0850  
move downslope to WSW. 0916 137m observing ulva, taking fluorescence measurements. 1053  
136m, completed sampling at same location. 1100 move upslope to 120m. 1105 begin contour  
to S'E at 120m. 1116 move upslope to NE. 1128 100m taking measurements and samples  
in halimede patch. 1202 move towards NE. 1222 100m taking measurements and samples  
of algae. 1315 move to NE to 120m. 1320 contour to NW at 120m. 1339 123m collect  
algae samples. 1352 continue to contour to WNW at 120m. 1425 121m taking measurements  
and observations of algae. 1457 move upslope to W. 1513 88m taking measurements  
and samples in ulva patch. 1556 88m ready to leave bottom. 1601 leave bottom.  
Make a normal recovery.

Equipment Deficiencies: NONE

Pilot's Signature: 

Date: SEPT. 21, 2004

Operations Director: 

Date: Sept. 22, 2004