

PISCES V DIVE REPORT

Pilot: MAX CREMER Dive #: P5-575 Date: SEPTEMBER 17, 2004
 Observer: JOHN RUNCIE
 Observer Title/Affil.: Institute of Technology
Sydney, Australia
 Observer: FRED GURGEL
 Observer Title/Affil.: U LOUISIANA
 Purpose: Research Training Test
 Other: _____
 Special Equipment (Cameras, Manipulators, Samplers, etc.)
SONY DV, ROS COLOR, CTD, HYCO,
TITAN, SAMPLING CRABES, Light meters,
Support Vessel: ~~AKRIMUKA~~ - O-LANFLOR ^{FLUORIMETER}
 Captain: ROSS BARNES

Dive Location: PENGUIN BANKS
 Latitude: N 20:55.900
 Longitude: W 157:32.000
 Time of Dive: 0833
 Time of Surface: 1628
 Time Submerged: 7:55
 Time Thru Last Dive: 3750:41
 Total Time to Dive: 3758:36
 Dive Depth: 207m
 Water Depth: 207m
 Water Temperature: 18.3°C @ 207m
 Visibility: HOSTLY CLEAR, 20+ m

Dive Results/Remarks: Algae survey and collection dive. Also, a prototype
fluorescence measuring device by J. Runcie is to be tested. 0849 land on the
seafloor in 78m, sandy, flat. 0859 moving N. 0909 72m making observations on Halimeda.
0941 72m complete first set of Runcie fluorescence measurements. 0956 making fluorescence ob-
servations on ulva. 1036 collect ulva at same position in jars #1 and 3. 1103 120m make fluo-
rescence measurements on ulva. 1114 120m sample ulva in jar #2. 1132 move downslope to N.
1142 131m collect alga sample in jar #5. 1154 continuing to E. 1227 113m collect boot samples
with attached algae in open basket. 1322 107m collect algae samples mainly in jar #7.
1338 1352 107m move upslope to S. 1342 92m collect Halimeda sample. 1352 92 move upslope to S
1420 91m moving to E. 1447 139m collect ulva samples in jar #1. 1503 139m move down-
slope to SSE. 1530 207m continuing E at this depth along steep carbonate face,
current sweeps, with thin sediment dusting. 1600 leave bottom from 205m.
Make a normal recovery.

Equipment Deficiencies: NONE

Pilot's Signature: 

Date: Sept. 19, 2004

Operations Director: 

Date: 9/29/04