

SUBMERSIBLE DIVE REPORT

MAKALI'I \_\_\_\_\_ PISCES V \_\_\_\_\_

Pilot <u>T. Kerby</u> Wt. _____	Dive Number <u>P5-051</u>
Observer <u>B. Moffitt, F. Bursh</u> Wt. _____	Date <u>Feb. 11, 1988</u>
Observer Title/Affil. <u>National Marine Fisheries Service</u>	Time of Dive <u>1315</u>
Dive Location <u>S. of Laau Pt. Malakoi</u>	Time of Surface <u>1700</u>
Lat. <u>21° 2.3' W</u> Long. <u>157° 19.1' W</u>	Time Submerged <u>3:45</u>
Purpose: <u>Research</u> Training Demo	Time Thru Last Dive <u>235:15</u>
Other <u>TVP Camera Pinger</u>	Total Time to Dive <u>239:00</u>
Special Equip.: <u>for Reef site</u>	Dive Depth <u>130m 426'</u>
Camera (type) <u>TVP</u>	Water Depth <u>426'</u>
Manipulator <input checked="" type="checkbox"/>	Water Temp. _____
Other _____	Visibility <u>30 to 40 ft.</u>
	ABT # at Neutral _____

Dive Results/Remarks: on a flat sandy bottom in 148 ft. Move to the south east. Searching for artificial reef.  
Mesotech pinger receiver is not working. I disconnect power from 24V panel and rig two pair of batteries to get 24V power seperate from subs power. No return. I connect old Helle receiver to antennae cable. No return. I drop 27 KHz replacement pinger from subs stern release and back off to test pinger receiver. No response. I recover pinger and leave the bottom after searching visually for reef without locating it.

Equipment Deficiencies: Pinger receiver not working.

Pilot <u>T. Kerby</u>	Date <u>2/11/88</u>
Ops. Mgr <u>ML</u>	Date <u>2/11/88</u>