# PISCES IV DIVE REPORT

Pilot Terry Kerby Wt. Dive # PIV-048
Observer Chris Kelley Wt. Date September 11, 2002
Observer Title/Affil. HURL

Observer Ray Boland Wt.
Observer Title/Affil. NMFS

Dive Location Brooks Banks
Lat. 24°00.289'N Long. 166°40.208'W
Purpose: (Research) Training Demo
Other:
Special Equipment:
Camera (type) Sony Digital - ROS B&W - Color
Manipulator Orion/Hyco
Other
Support Vessel R/V Kaimikai-O-Kanaloa

Time of Dive 0814
Time of Surface 1630
Time Submerged 08:16
Time Thru Last Dive 316:35
Total Time to Dive 324:51
Dive Depth 350m
Water Depth 350m
Water Temp. 13.0°C @ 334m
Visibility
ABT # at Neutral
Captain Ross Barnes

Dive Results/Remarks: Fisheries survey dive. 0843 Land on a sandy bottom with carbonate outcrops at a depth of 334m. 0853 Strong current at beginning of dive. Begin moving to the South East. 0910 350m. 0919 Begin transect to the North West. 0949 350m. End transect. 0955 350m. Move West. 1022 311m. Get into an area of large carbonate features with numerous fish. 1042 Set out a bait station. Orion manipulator jaw failure. Conduct bait station. Secure bait station. Recover Orion jaw assembly part off the bottom. 1140 Start transect to the North West. 1213 311m End Transect. 1216 Move upslope to 260m. 1230 Begin transect to the Southeast. 1301 End transect. 1310 258m. Move South. 1328 Move upslope to the West to 210m. 1346 Begin 200m transect to the North. 1417 End 200m transect. 1426 202m Move to the SE to target #1. 1450 Moved accross an area of lowangle sediment to a large carbonate feature with good fish habitat. 1522 Set out a bait station. 1558 Secure bait station. 1602 Leave the bottom from 249m.

Equipment Deficiencies:

Pilot Terry Kerby Date 9/12/02
Ops. Mgr. Date 9/12/02