

PISCES V DIVE REPORT

Pilot Terry Kerby Wt. \_\_\_\_\_  
 Observer Max Cremer Wt. \_\_\_\_\_  
 Observer Title/Affil. HURL Sub Ops Pilot.

Dive # PV-557  
 Date August 23, 2004

Observer Hans Van Tilburg Wt. \_\_\_\_\_  
 Observer Title/Affil. NOAA - National Marine Sanctuaries.

Time of Dive 1022  
 Time of Surface 1720  
 Time Submerged 6:58  
 Time Thru Last Dive 3636:20  
 Total Time to Dive 3643:18  
 Dive Depth 408m  
 Water Depth 408m  
 Water Temp. \_\_\_\_\_  
 Visibility \_\_\_\_\_  
 ABT # at Neutral \_\_\_\_\_  
 Captain Ross Barnes

Dive Location Osido East Boundary of Defensive Sea Area

Purpose:  Research  Training  Demo

Other: \_\_\_\_\_  
 Special Equipment:  
 Camera (type) Sony DV - ROS  
 Manipulator Titan - HYCO  
 Other Dark Matter Camera  
 Support Vessel R/V Kaimikai-O-Kanaloa

Dive Results/Remarks: Test dive and Midget Sub Survey.

1039 On the bottom in 104m. Move down slope to the s.s.w. 1111 Contour at 205m to search for target #1. Move East then West. 1134 198m Locate a large mast with sail and rigging. 1142 Contour west at 198m. 1154 Abandon search for target #1 and move downslope towards target #3. 1200 Moving to the sw. 1209 234m. Locate a landing craft. 1215 Survey landing craft. Assume this is target #2. 1243 324m Move to southwest. 1300 Locate a torpedo at 326m. Continue moving to the sw. 1317 338m. Locate the partial remains of what appears to be an upside down PBY hull with the bow missing. 1322 Continue moving to the sw. 1415 405m Moving East towards midget sub. Locate the pentoon hull that was discovered last year. This appears to be the pentoon hull of a Kingfisher.

Equipment Deficiencies: 1418 Locate midget sub. 1440 Survey hole with darkmatter camera. Test hole size with 3.5" PVC tube. Discover that flaps of material around hole are metal and not marine growth. 1631 Complete survey of midget sub. Move well away from the midget sub site to release wts. 1635 Leave the bottom from 408m.

Pilot Terry Kerby

Date 8/26/04

Dps. Mgr. JK

Date 8/26/04