PISCES IV DIVE REPORT

Pilot: Terry Kerby Dive #: PIV-128 Date: December 9, 2004

Observer: Hans VanTilburg

Observer Title/Affil.: NOAA - National Marine Sanctuaries

Observer: Kelly Gleason

Observer Title/Affil.: NOAA - National Marine Sanctuaries

Purpose: (Research) Training Test

Other:

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

Support Vessel: R/V Kaimikai-o-Kanaloa

Captain: Ross Barnes

Dive Location: Defensive Sea Area

Latitude: [redacted]

Longitude: [redacted]

Time of Dive: 0932

Time of Surface: 1638

Time Submerged: 7:06

Time Thru Last Dive: 931:51

Total Time to Dive: 938:57

Dive Depth: 379m

Water Depth: 379m

Water Temperature:

Visibility: 15m +

Dive Results/Remarks: Ocean Exploration, National Marine Sanctuaries, National Park Service, HURL two sub dive to survey the wreckage of the seaplane "Marshall Mars." Pisces IV Launches first and proceeds to the nose and keel site. 0959 On a sandy bottom in 340m. Move East. In an area of carbonate outcrops and jettisoned aircraft wing tanks. 1055 Locate nose and boat hull of Marshall Mars. Pisces V has launched. Both sub at Mars nose site at 338m. Pisces IV moves SE. towards site of aircraft wreckage discovered in 2002 survey and search for midget sub. 1200 Locate aircraft debris as we move SE. 1249 362m Locate one of the engines from the Mars standing upright propeller in the bottom. Locate more wreckage and another engine attached to wing remains in 361m about 20m from first engine. Pisces V locates a 3rd engine. Move south and locate wing remains discovered in 2002. This confirms discovery of the main wreckage of the Marshall Mars. Investigate 3rd engine with Pisces V. Pisces V moves N. 1527 Continue survey. 1542 Move N. Pisces V is recovered. 1601 Moved N. of nose wreckage to a large carbonate outcrop. 1606 Leave the bottom from 323m

Equipment ~~Deficiencies~~:

Pilot's Signature: Terry Kerby Date: Dec. 15, 2004

Operations Director: Terry Kerby Date: 12/15/04