

PISCES V DIVE REPORT

Pilot A. WRIGHT Wt. _____ Dive Number PV-285

Observer P. Tyler Wt. _____ Date 7/24/96

Observer Title/Affil. _____

Southampton Univ., ENGLAND

Observer E. VAZQUEZ Wt. _____

Observer Title/Affil. _____

Univ of Vigo, Spain

Dive Location Capt. Cook B.I.

Lat. N. 19° 29.7' Long. W. 155° 59.6'

Purpose: Research Training Demo

Other _____

Special Equip.:

Camera (type) Sony, PANASONIC, Photoson

Manipulator Titan, Hyco

Other EM Current Sensor

Support Vessel/ Kaimikai O Kanaloa

Time of Dive 07:15

Time of Surface 14:35

Time Submerged 7:20

Time Thru Last Dive 1632:33

Total Time to Dive 1639:53

Dive Depth 1040m

Water Depth 1040m

Water Temp. 3.1°C

Visibility Good

ABT # at Neutral 150"

Captain Bob Hayes

Dive Results/Remarks: Landed @ 1040m on sandy silty slope (±15°) trending upslope to ENE. Move Upslope. Collect Brittle Star @ 975m. Collected Aschrometid^{SN} (Brittle Star) on gorgonian @ 950m. Move Upslope 030°M. Collect Cidarid Urchin (Long Staff Spines) @ 800m. 800-600m Slope Increases to 30-45° w/ Occasional Lge Basalt & Corroded Reef Blocks. Collected Sea Slug @ 603m. Collected Urchin @ 445m (Multi Colored Spines). Collect Scallop on Vertical Basalt Dike Wall @ 482m. Collected Ctenophore from small rock outcrop on sandy area at Base of 100m Basalt Cliff (420m) Observed 2-6gill Sharks 420m. Followed Vertical Cliff N @ depth of 350m. Cliff starts @ 385m ± and is at least 100m high. Left Bottom from Cliff Base @ 385m and ~~followed~~ followed the vertical cliff 280m where it began to ~~steep~~ tend to a very steep sandy slope. Lost Sight @ 250m. Hatch Clear 14:35

Equipment Deficiencies: EM Current Sensor never gave reliable or believable data.

Pilot *[Signature]*
 Ops. Mgr *[Signature]*

Date _____
 Date 7/25/96