Rev. 11-21-09

PISCES IV DIVE REPORT

Pilot: MAX CREMER Dive #: P4-254 Date: OCTOBER 11, 2011

Observer 1: JENNIFER PADUAN

Affiliation: MBARI Dive Location: GARDNER PINNACLES

Observer 2: JUAN CARLOS BRAGA Latitude: N 24° 31.007'

Affiliation: UNIVERSITY OF GRANADA, SPAIN Longitude: W 167° 50.277'

Purpose: (Research) Training Test Time of Dive: 0924

Other: Time of Surface: 1629

Special Equipment: Time Submerged: 7:05

Cameras: MINI-ZEUS HD, ROS SD Time Thru Last Dive: 1792:21

Manipulators: ORION 7P, HYCO Total Time to Dive: 1799:26

Samplers/Sensors: CTD-DO, 2 ROCK CRATES, Dive Depth: 1020m

1 SUBBOX, 2 SEDIMENT SCOOPS Water Depth: 1020m

Support Vessel: R/V KAIMIKAI-O-KANALOA Water Temperature: REFER TO CTD LOG

Captain: CLARK GUTZEIT Visibility: VERY GOOD, 20+ m

Dive Results/Remarks: DROWNED CORAL REEFS, PALEOCLIMATE DIVE.

1029 1020 m land on the bottom in a flat, sandy area with several carbonate outcrops nearby. 1042 sampling carbonates and coral near the landing site. 1111 Slight current out of NE, moving W toward wall. ~~995~~ Cr 1125 995m collect rock samples and take one sediment scoop. 1204 continue upslope to W. 1254 693 m arrive on top of ~~wall~~ Cr vertical wall. 1312 continue upslope to W. 1320 580m collect small coralliium ~~coral~~ Cr on wall. 1341 continue upslope to W. 1356 525m collect small piece of leopathes. Continue to ascend steep, partially vertical slope. 1427 369m collect several carbonate samples. 1439 continue upslope to W. 1451 312m collect carbonate samples. 1504 continue upslope to W. 1531 230m take 2nd sediment scoop and one rock sample. 1551 205m collect last rock samples. 1601 205m leave the bottom. Normal recovery.

Pilot's Signature: Date: 10-12-11

Operations Director: Date: 10-14-11

For equipment deficiencies, refer to maintenance logs.