

PISCES V DIVE REPORT

Pilot: MAX CREMER Dive #: PS-652 Date: JULY 14, 2005
 Observer 1: JIM MARRAGOS
 Affiliation: NATIONAL FISH & WILDLIFE SVC. Dive Location: ROSE ATOLL, SAMOA
 Observer 2: BRUCE HUNDY Latitude: S 14: 33. 105
 Affiliation: NATIONAL MARINE FISHERIES Longitude: W 168: 10. 538
 Purpose: Research Training Test
 Other: _____ Time of Dive: 0807
 Special Equipment: _____ Time of Surface: 1657
 Cameras: SONY DV, ROS COLOR/BW, INTERNAL STILL Time Thru Last Dive: 4355:50
 Manipulators: HYCO, TITAN 7F Total Time to Dive: 4364:20
 Samplers/Sensors: CTD-DO, Dive Depth: 820 m
COVERED CRATE Water Depth: 820 m
 Support Vessel: R/V KAHIKIHA-O-KANUFOA Water Temperature: refer to CTD data
 Captain: ROSS BARNES Visibility: Exceptional, 30-40 m

Dive Results/Remarks: SURVEY OF SUBMARINE ENVIRONMENT OF ROSE ATOLL
IN REGARDS TO ITS BEING NOMINATED AS WORLD HERITAGE SITE. ⁰⁹⁰¹ 820m
Land on bottom on steep slope with carbonate sand and large blocks of mass
washed reef. ⁰⁹²⁴ move E toward position S of Marker 46, taking video
and photographic records of marine life. ¹⁰²³ 677m recover blue plastic
bag from wreck of Taiwanese fishing vessel (1993). ¹¹⁰⁶ 531m move upslope
to N to contour depth of 401m. ¹¹³⁵ 400m Marker 46 bears 340°, range 145m.
¹²⁰³ 401m arrive at marker 46. ¹²⁰⁷ move NW toward contour depth of
300m. ¹³³⁰ 294m continue upslope to NW to reach 250m. ¹³⁴⁵ 250m condensation
and viewpoint fogging severe, descending back downslope to 300m contour.
Continue NW-ely transect at 300m until end of dive. All transects and
contours on this mission were frequently interrupted to record marine invertebrates
and invertebrates. ¹⁵³⁹ 311m preparing for recovery, then ascending from deeper
 Equipment Deficiencies: water. Take a normal recovery.

DEFICIENCIES: HMI lights erratic; Trim tank took on water during dive.
Subsequent pumping out and re-securing reseated valve assembly.

Pilot's Signature: _____

Date: July 15, 2005

Operations Director: _____

Date: July 23, 2006