

MAKALI'I DIVE REPORT

Pilot B. BARTHO Wt. 146

Observer J. VAN RYSEN Wt. 185

Observer Title/Affil. \_\_\_\_\_

MANA OCEAN ENGINEERING  
Dive Location OFF KEAHOLE PT.

Lat. \_\_\_\_\_ Long. \_\_\_\_\_

Purpose: Research Training Demo

Other COLD WATER PIPE SURVEY

Special Equip.: Camera (type) 35MM

Manipulator L

Other TV CAMERA + VCR

Dive Number 1041-215-83-172

Date 8/4/83

Time of Dive 0749

Time of Surface 1330

Time Submerged 5 HR. 41 MIN

Time Thru Last Dive 343 HR. 32 MIN

Total Time to Dive 349 HR. 13 MIN

Dive Depth 550'

Water Depth 550'

Water Temp. \_\_\_\_\_

Visibility 100'

ABT # at Neutral 150

Dive Results/Remarks: LANDED 400' POWERED SOUTH TO PIPE  
REMAINED ON STATION AT 500' NEXT TO PIPE FOR ACCURATE FIX  
FROM SURFACE. POWERED NORTH WITH BICYCLE WHEEL MEASURING  
DEVICE TO ROCK OUTCROP 240'. SURFACE DROPPED BOMB MARKER  
ON FIRST POSITION POS A. POWERED BACK AND LOCATED BOMB.  
POWERED NORTH AT 460' CONTOUR 100' FROM PIPE AND DROPPED  
PINGER. POWERED NORTH AGAIN WHILE SURFACE DROPPED 2 BOMBS  
ON PINGER POS. C - WENT BACK TO PINGER - LOCATED BOMBS ABOUT 23  
FEET FROM PINGER. WENT DOWN SCOPE TO 550' THEY CAME UP WITH  
MEASURING WHEEL TO PINGER - POWERED NB TO 300' SURFACE GOT  
ACCURATE POS D - WENT NORTH TO ROCK OUTCROP WHILE SURFACE  
DROPPED BOMB ON POS D. LOCATED BOMB + SURFACED. BICYCLE WHEEL  
WORKED VERY WELL MOST OF TIME

Equipment Deficiencies: REFLECTOR ON STROBE FELL OFF BUT WAS ABLE  
TO BRING IT TO SURFACE. PHOTOSEA CAMERA WAS LOADED WITH  
KODAK ASA 1000 FILM - CARTRIDGE SET AT F4 - 15'

Pilot B. Bartho Date 8/4/83  
Ops. Mgr \_\_\_\_\_ Date \_\_\_\_\_