

PISCES V DIVE REPORT

Pilot: Terry Kerby Dive #: PV-782 Date: June 23, 2012
 Observer 1: Jan War
 Affiliation: NELHA Dive Location: Keahole Pt. Big Isle
 Observer 2: Dale Jensen Latitude: 19° 43.708' N
 Affiliation: Makai Ocean Engineering Longitude: 156° 04.039' W
 Purpose: Research Training Test
 Other: _____ Time of Dive: 0807
 Special Equipment: _____ Time of Surface: 1652
 Cameras: Mini Zeus HD-ROS 5D Time Submerged: 8:45
 Manipulators: Titan 4, HYCO Time Thru Last Dive: 5289:27
 Samplers/Sensors: CTD, Hydraulic Cutter Total Time to Dive: 5298:12
Scraping and measuring tools. Dive Depth: 384m
 Support Vessel: R/V Kaimikai-O-Kenaloa Water Depth: 384m
 Captain: Clary Gutzeit Water Temperature: 14.2° @ 276 m
 Visibility: _____

Dive Results/Remarks: NELHA pipe inspection dive. Inspecting
40", 12", and 18" coldwater pipes. 0826 Lend on a sandy bottom in
118m. 0830 Move South. 0836 123m at 40" pipe. Can see 12" pipe
on bottom to south of 40" pipe. 0853 Move down pipe. 0857 126m at holdfast.
0919 126m. Locate a line of weights for 12" pipe south of 40" pipe. 0931
Move down 40" pipe. Survey area around anchor #50 & #51 on 40" pipe. Move
to 40 ton anchor wt. Locate a large denforth anchor N of 40" pipe. Locate
end of 12" pipe on bottom N of 40" pipe near anchor #50. Follow 12" pipe,
runs to the East parallel to 40" pipe with the catenary as high as 20m
off the bottom. The 12" pipe is laying across the 40" pipe at 74m.
Move back down the 40" pipe to inspect for damage. 1136 140m at broken
chain. Inspect shackles and hales in 40 ton anchor. 150m on top of
40 ton anchor. 1210 Move up bridle to catenary of 40" pipe. 1218 134m
at holdfast #3 on holdfast plate. 1223 Inspect syntactic foam float
block. 1228 Move down floats. Covered with marine growth. Syntactic
foam block covered with keratofa. Detonate 2 plastic buoy floats. Over

Pilot's Signature: Terry Kerby Date: 6/27/12
 Operations Director: Terry Kerby Date: 6/27/12

Date	2007-08-22	Dive #	2007-08-22
Dive Location	18" pipe	Observer 1	John
Latitude	32° 45' N	Observer 2	John
Longitude	122° 00' W	Affiliation	US Navy
Time of Dive	0800	Purpose	Research Training Test
Time of Surface	1600	Other	
Time Submerged	0800	Special Equipment	
Time That Last Dive	0800	Camera	
Total Time to Dive	0800	Manipulators	
Dive Depth	312m	Sensors	
Water Depth	312m	Support Vessel	
Water Temperature	12°C	Captain	
Visibility	10m		

Port skid touches floats and implodes 2 floats on North side of pipe. Resounding double bang sends shockwave through sub. Floats seem brittle and more fragile now. Move down pipe to holdfast #4. 1312 312m at mid Cat Flange. 1314 Move back up pipe. 1351 Passed over area of 2 broken floats. No other damage. Move back to 40 ton anchor. 1406 Move over 40" pipe and run South to 18" pipe. 1416 125m on top of 16" pipe. 1424 Locate 18A and 18B at 109m. Pipes are a mess. One pipe kinks in 4 places. 1843 123m at 18" pipe. Move down pipe to 272m. Moved out in mid water to the West and thrust down to get down quickly to start survey up 18" pipe. 1512 281m Start up 18" pipe. Discover that all pendants have broken loose from pendant anchors. 1536 148m Move back down 18" pipe. 1603 384m at 18" pipe. Move up pipe to last surveyed area. 1617 276m Move away from pipe to an exposed stobby area in rugged rocky terrain. Release wts and leave the bottom and come up under an overhang on the port side. Extract us from the overhang with minimal damage to the sub. Make a normal recovery.