

# HALE-ALOHA 3B: Chief Scientist Report

Chief Scientist: T. HOULIHAN

Chief Scientist Report HALE ALOHA 3B

April 18-19, 1998

Moana Wave

This cruise was designed to recover the deep water mooring, HALE ALOHA that had been collecting data since 12/19/97. The cruise did not include any ancillary or CTD work.

We left Snug Harbor at 0800 on 18 April 1998 as scheduled and by 0830 were outside of Honolulu Harbor. At this time we also had our fire and safety drill with the full science party attending. This was completed by 0845 and we were underway for the buoy. We arrived on station at 1722 and 22 27.2'N, 158 09.2'W. The acoustic signal to release the buoy was transmitted at 1748. The hardhats were spotted on the surface at 1848 and at 1852 and 22 27.33'N, 158 08.25'W the flotation was hooked and along side. At 1901 the hardhats were on deck and the buoy was on deck at 2335. We were underway for Snug Harbor at 0050 19 April and arrived at the pier at 1210.

The majority of the gear and instruments were recovered in good condition. One Seacat deployed by the Roger Lucas group had been recovered with the end cap loose. The bottom frame of the buoy had also come loose from the foam float. Of the four rods holding the frame on, two of the sets of bolts were missing and a third set had come loose. This was easily repaired by new bolts and nyloks.

## Cruise Participants:

1.	T. Houlihan	UH
2.	D. Hebel	UH
3.	D. Sadler	UH
4.	L. Fujieki	UH
5.	M. Valenciano	UH
6.	D. Wright	UH
7.	C. Stump	UW
8.	S. Poulos	STAG
9.	D. Gravett	STAG
10.	R. Kayser	MIT
11.	B. Grant	MIT
12.	D. Bunn	LCC
13.	Mrs. Gravett	UH
14.	J. Machado	UH