



1. Project Name: Honokohau SBH
2. Date of Inspection: 4 May 2005
3. Inspection Personnel:

	<u>Name</u>	<u>Agency/Office</u>	<u>Telephone No.</u>
a.	Dan Meyers	COE	438-8875

4. Discussion:

The project consist of:

Entrance Channel - 840' long, 120' wide and 20' deep at the outer-end and 15' deep and 15' wide at the inner-end.

Main Access Channel - 660' long and 15' deep at the outer-end and 12' deep at the inner-end.

Wave Absorber (South) - 150' long adjacent the south-side of the entrance channel. The project begins at Sta. 4+50 (Oceanside) to Sta. 6+00 as shown on the attached Project Index Map.

Wave Absorber (North) - 650' long adjacent the north-side of the entrance channel. The project begins at Sta. 5+00 (Oceanside) thru Sta. 8+50 then transitions east at Sta. 8+51 to Sta. 11+60 as shown on the attached Project Index Map.

Nancy Murphy, District Manager, Division of Boating and Ocean Recreation, Department of Land and Natural Resources, 329-4997, fax 326-7896.

Findings:

The following are deficiencies noted during the inspection:



South Wave Absorber - 150':

South Wave Absorber



a. South Wave Absorber, Overview



b. Sta. 5+75; Sta. 5+20 and Sta. 4+90, armor stones have been pushed up by wave action, these irregularities in the armor stone



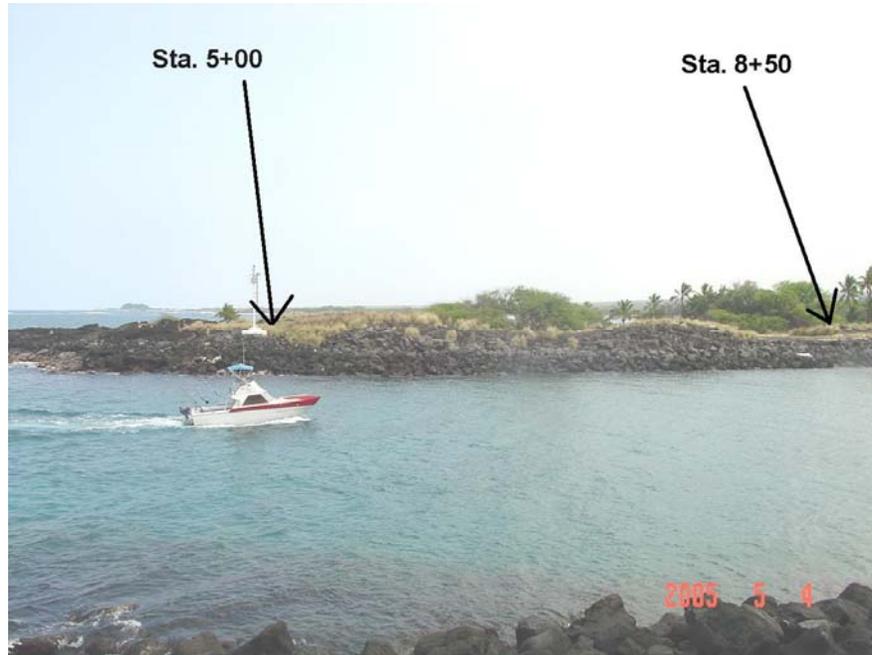
layer causes a 2' mound and associated 2' depression in the sideslope. Continue to monitor, minor changes this year.



c. Sta. 4+75, armor stones are dislodged at the toe and void at the waterline have not changes since FY04 inspection.



North Wave Absorber - 650':



North Wave Absorber Partial Overview



North Wave Absorber Partial Overview



a. Sta. 11+60 thru Sta. 8+51, numerous toe armor stones are displaced at the waterline, some voids, minor changes this inspection, function is good.



b. Sta. 9+95, dislodged armor stone at the toe. (Sight movement from last inspection).



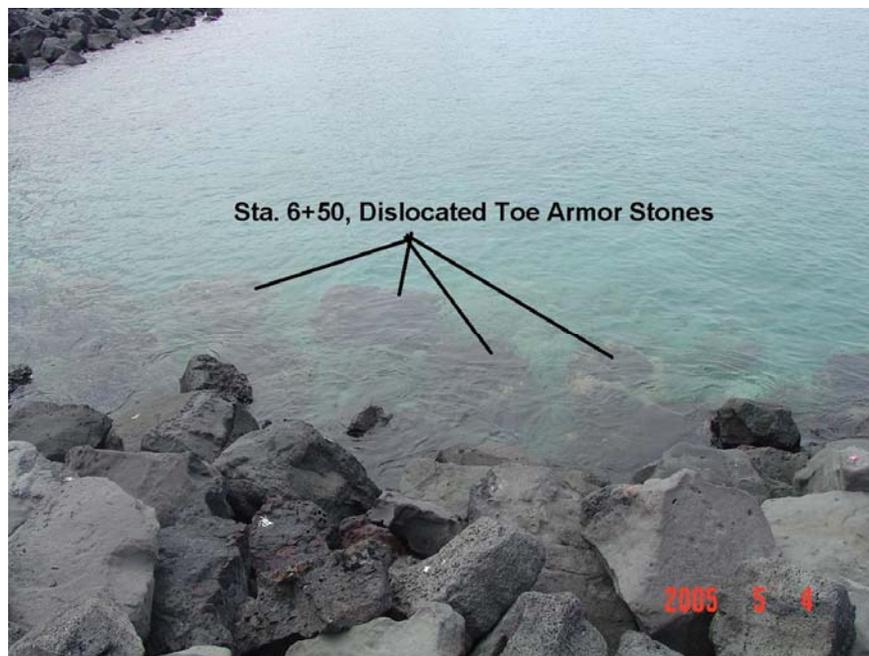
c. Sta. 10+60, Overview from NavAid.



d. Sta. 8+51, Overview (east-side).



d. Sta. 8+50 - Sta. 5+00, (north-side), dislocated toe armor stones. (No change this inspection)



e. Sta. 6+50, displaced armor stone resting adjacent toe.



f. Sta. 6+20, Overview reference photo.



g. Sta. 5+00, Overview of armor stone placement at waterline, no change.



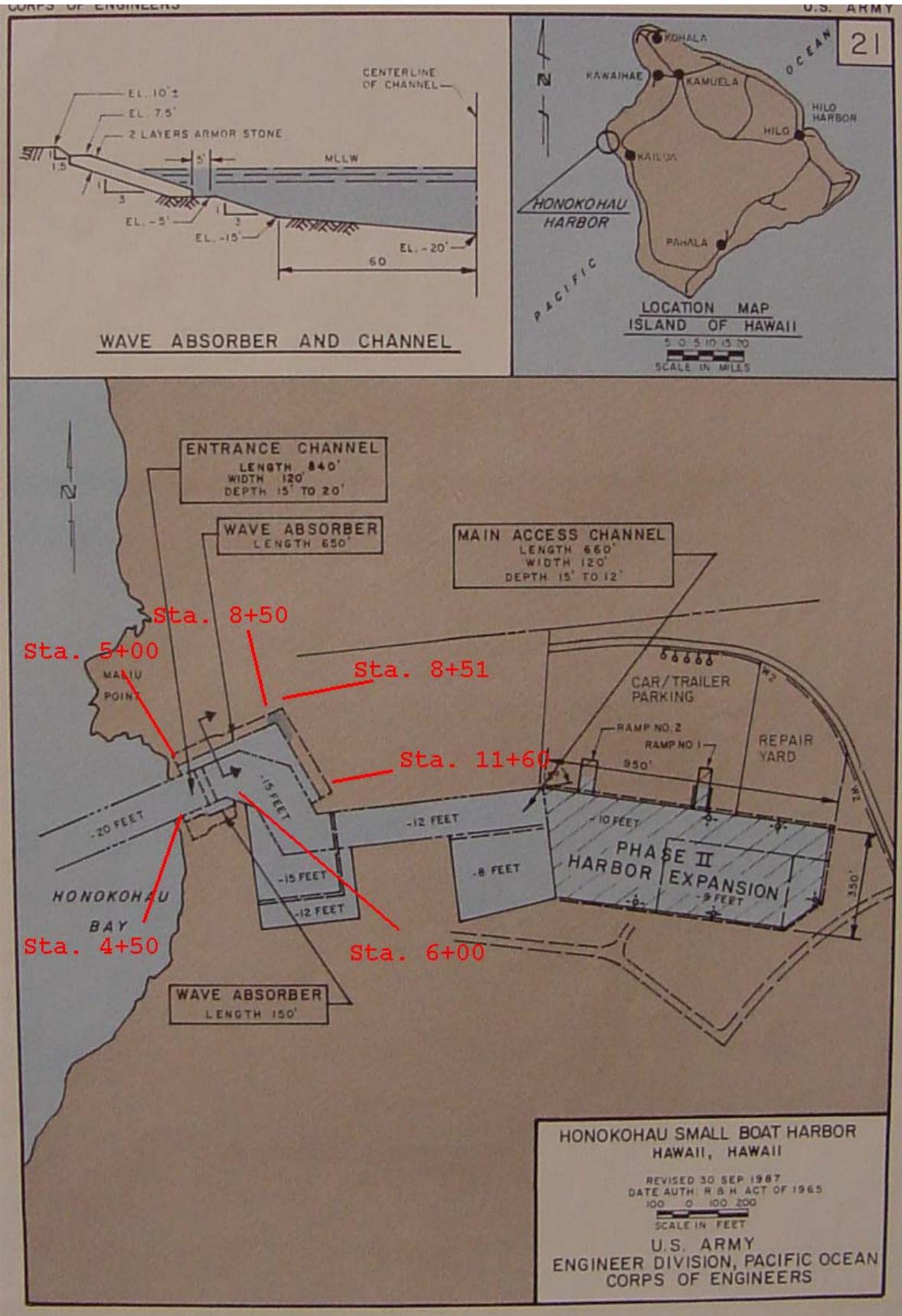
5. Conclusion:

Although both the North and South Wave Absorbers have substantial armor stone movement, the function of these structures remains good.

Signed: _____
Dan Meyers, CEPOH-EC-T

Signed: _____
Jim Pennaz P.E., Ch, CEPOH-EC-T

Attached:
Project Index Map
Info Sheet





HONOKOHAU SMALL BOAT HARBOR, HAWAII, HAWAII

CONDITION OF IMPROVEMENT 30 SEPTEMBER 1989

PREVIOUS PROJECTS: None.

EXISTING PROJECT: Authorized by the River and Harbor Act of 27 October 1965 and provides for an inshore harbor basin with an entrance channel 840 feet long, 120 feet wide, 20 feet deep at the outer end and 15 feet at the inner end; a main access channel 660 feet long, 120 feet wide and 15 feet deep in the outer end and 12 feet deep in the inner end; two rubble wave absorbers, one 650 feet long along the north side of the entrance channel and one 150 feet long along the south side of the channel; and a wave trap at the inner end of the channel.

PROGRESS OF WORK

Completed and Under Maintenance: The project was completed in March 1970. A marine environmental study was completed in 1975. A marine biological resurvey was completed in 1981 and publication of the report was completed in September 1983 and submitted to the Office of Chief of Engineers.

Work Remaining: None

COST OF CONSTRUCTION:

	<u>New Work</u>
<u>Completed Works:</u>	
United States Funds	\$ 781,036
Contributed Funds	
Required	630,568
Other	<u>695,038</u>
Total Costs	\$2,106,642

RANGE OF TIDES: The mean tidal range between mean lower low water and mean higher high water is 2.1 feet.