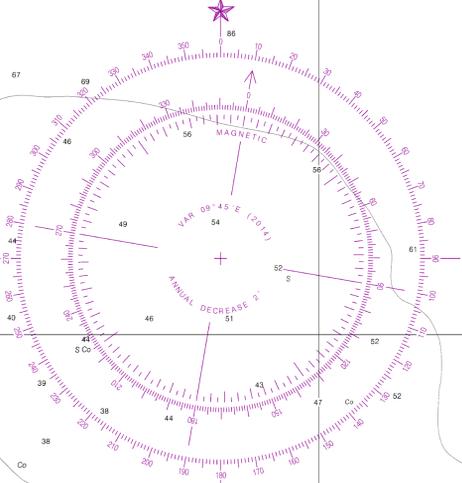
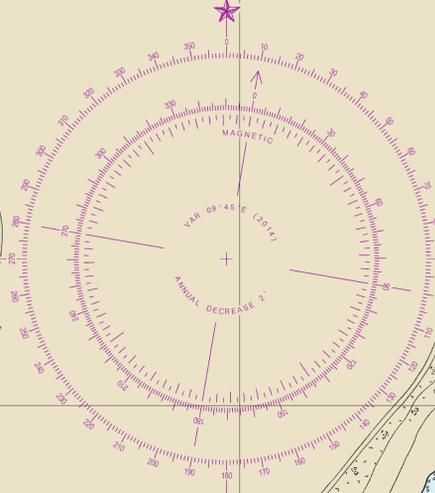


UNITED STATES  
HAWAII  
**HANAMĀ'ULU BAY**  
ISLAND OF KAUA'I

Mercator Projection  
Scale 1:2,500 at Lat 21°59'45"  
North American Datum of 1983  
(World Geodetic System of 1984)

**SOUNDINGS IN FEET**  
AT MEAN LOWER LOW WATER

Additional information can be obtained at nauticalcharts.noaa.gov.



**HORIZONTAL DATUM**  
The horizontal reference datum of this chart is World Geodetic System 1984 (WGS 84), which for charting purposes is considered equivalent to the North American Datum of 1983 (NAD 83). Geographic positions referred to the Old Hawaiian Datum must be corrected an average of 11.328' southward and 10.082' eastward to agree with this chart.

**COLLEGS, 80.1410 (see note A)**  
International Regulations for Preventing Collisions at Sea, 1972  
The entire area of this chart falls seaward of the COLLEGS Demarcation Line.

**POLLUTION REPORTS**  
Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (24 CFR 152).

**TOTAL INFORMATION**

PLACE	Height, referred to datum of soundings (MLLW)
NAME	Mean High Water Mean Low Water
Hanama'ulu Bay	11.8 11.4

**ABBREVIATIONS** (if or complete list of Symbols and Abbreviations, see Chart No. 1.)  
Aids to navigation (lights are white unless otherwise indicated):  
M aid to mooring  
A alternating  
B back  
Bn beacon  
C can  
D daymark  
F float  
I leading  
M marker  
N nun  
O octagon  
OC octagon  
OC occulting  
Q quick  
R red  
Rf radar reflector  
RfR radar beacon  
S starboard  
T topmark  
V variable  
W white  
Y yellow

**NOTES**  
**NOTE A**  
Navigation regulations are published in Chapter 2, U.S. Coast Pilot. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 14th Coast Guard District in Honolulu, Hawaii or at the Office of the District Engineer, Corps of Engineers in Honolulu, Hawaii. Refer to charted regulation section numbers.  
**NOTE B**  
The water area within the limits of this chart is a Submerged Submarine Operating Area. As submarines may be submerged in these areas, vessels should proceed with caution. During torpedo practice firing, all vessels are cautioned to keep well clear of Naval Target Vessels flying a large red flag at the highest masthead.

**NOAA WEATHER RADIO BROADCASTS**  
The NOAA Weather Radio stations listed below provide continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.  
Kauai, HI KBA-99 162.40 MHz  
Mt Kaala, HI KBA-99 162.55 MHz

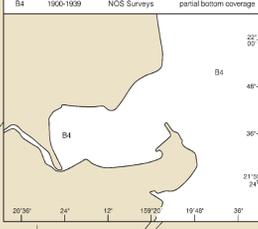
**RADAR REFLECTORS**  
Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.  
**CAUTION**  
Mariners are urged to exercise extreme caution when transiting shallow waters due to changes caused by the hurricane of November 1982.

**HEIGHTS**  
Heights in feet above Mean High Water.  
**AUTHORITIES**  
Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the U.S. Coast Guard.

**SUPPLEMENTAL INFORMATION**  
Consult U.S. Coast Pilot 7 for important supplemental information.  
**WARNING**  
The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

**SOURCE DIAGRAM**  
The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels, maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, Listed States Coast Edo.

SOURCE	DATE	COVERAGE
B4	1900-1909	partial bottom coverage



NOAA encourages users to submit inquiries, discrepancies or comments about this chart at <http://www.nauticalcharts.noaa.gov/contact.htm>.

