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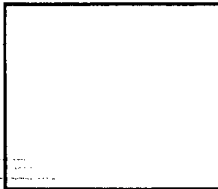
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Form 504

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

....., Director



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State: Hawaiian Is.

DESCRIPTIVE REPORT

~~Topographic~~ } Sheet No. 3253  
Hydrographic }

LOCALITY

Oahu S. Coast

Oahu, S. Coast

Koko Head to Honolulu

1910-11

CHIEF OF PARTY

L.W. Smith, Jr.

GOVERNMENT PRINTING OFFICE

L. W. Smith 1910

3253

Descriptive Report  
to accompany <sup>Hyd =</sup> Sheet # 3253 Waialae Bay and  
Approach to Honolulu Harbor.

Waialae Bay lies between Koko and Diamond  
Heads. There is a continuous reef that runs  
around the bay parallel to and a few hun-  
dred metres away from the shoreline. There  
are two small beats in this through  
which landings may be made by small  
boats. These are sketched in on the  
sheet.

The bottom is very ragged and slopes  
off toward the sea growing abrupt about the  
20 fathom curve.

The shore between these two heads is  
thickly wooded with algaroba trees.

The old chart shows breakers off  
Diamond Head at a position that lies out  
side of the 20 fathom curve, and should be  
corrected as soon as possible.

On the side of Diamond Head nearest  
to Honolulu the 20 fathom curve is closer in to  
the breakers than in Waialae Bay. The work  
outside of this curve was done by the

32530

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COAST AND GEODETIC SURVEY

11-644

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Diamond Head Sheet (old Hawaiian Datum)

Search Light Stand East of U.S. Lt. House	21	15	1131	157	47	1372
Tall Flag Pole # 1 "Tall"	21	16	540	157	46	1507
Tall Flag Pole # 2 "Pole"	21	16	735	157	46	1300

VEC  
May 8, 1911.

HYDROGRAPHIC SHEET 3253. *a*

*Dee bin  
4-13  
5/27/11*

Waialae Bay to Honolulu Entrance, South coast Oahu  
Island, Hawaiian Islands by Assistants O. E. French and  
L. W. Smith, Jr., in 1910.

TIDES.

	Honolulu ft.
Mean lower low water, or plane of reference on staff	3.4
Lowest tide observed " "	2.8
Highest " " " "	6.2
Mean range of tide	1.2

~~Coast and Geodetic Survey~~  
MAY 8 1911  
TIDAL DIVISION