

4742

U. S. COAST & GEODETIC SURVEY
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Form 504
Ed. June, 1928
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
R. S. Patton, Director

State: Hawaiian Is.

DESCRIPTIVE REPORT

Topographic } Sheet No. T 4742
Hydrographic }

LOCALITY

Mokapu Peninsula, Oahu

Kailua Bay to Kaneohe Bay

1932

CHIEF OF PARTY

Hubert A. Paton

U. S. GOVERNMENT PRINTING OFFICE: 1929

DECLASSIFICATION BY NOAA
PURSUANT TO DOC SYSTEMATIC REVIEW
GUIDELINES AS DESCRIBED IN SECTION
3.3 (a), EXECUTIVE ORDER 12356

DESCRIPTIVE REPORT

to accompany

SHEET T

MOKAPU PENINSULAR, OAHU

KAILUA BAY TO KANEHOE BAY

INSTRUCTIONS:

The work on this sheet was done in accordance with instructions dated July 14, 1931. Additional verbal instructions were received from representatives of the Chief of Engineers, U. S. Army. The work was done in cooperation with the U. S. Army to develop landing sites for troops.

METHODS:

The area had been surveyed by Lieut. E. R. Hand in 1927, as shown on Sheets 4380 and 4381. The present survey was made to locate hydrographic signals, and some new development. For purposes of training enlisted personnel assigned to the party, the shore line was resurveyed. A short portion of the shore at Mokapu Point could not be located accurately on account of the steep cliffs. Acting under advice of Department Engineer, Hawaiian Department, this portion was merely sketched in.

Most of the field work was done by John A. McCormick, Corporal, U. S. Army, who had done such work previously in the Coast and Geodetic Survey. He was detached from the party in June 1932. The undersigned did a small amount of work locating roads and buildings on the western part of the sheet. The position of Signals HAD, LAY and TRE were found to be in error a slight amount and were corrected. Some of the work on Hydrographic Sheet #20 was plotted on the boat sheet using the incorrect location of these signals.

No attempt was made to locate the shore line of the Mokumanu Islands, for no hydrographic work was to be done around them. The Geological Survey have a good map of these islands, on a scale 1:20,000, which is thought to be sufficient for all charting purposes.

JUNCTION:

The work joins Sheet #4380 on the south and Sheet #4381 on the west. The junctions were satisfactory.

Respectfully submitted,

Hubert A. Paton

Hubert A. Paton,
Lieutenant,
Chief of Party.

PLANE TABLE POSITIONS

SHEET T

Object & Description	Lat.	D.M.	Long.	D.P.	Height
POST, 8" x 8"	21°25'	1057m	157°44'	1408	
GATE, east post of gate	21°26'	150	157°44'	630	
COR, S.E. corner fence, small lot	21°26'	960	157°44'	645	
NER, N.E. " " " "	21°26'	1087	157°44'	649	
OAT, west pillar, Harold Castle's house	21°27'	866	157°45'	296	18'
Dark brown house, green roof	21°27'	1412	157°46'	150	15'
Grey house, green roof	21°27'	1291	157°46'	220	15'
RED, N.W. corner brown house	21°27'	1276	157°46'	247	15'
Dark brown house	21°27'	1023	157°46'	388	10'
House	21°27'	754	157°46'	471	15'
Barn, red	21°27'	664	157°46'	456	15'
House, green	21°27'	630	157°46'	445	12'
House, green roof	21°27'	558	157°46'	498	12'
SOC, wind sock Army Emergency landing field	21°27'	145	157°46'	1021	
LAY, westerly tall tree, ironwood	21°26'	1798	157°46'	1429	
TRE, easterly " " "	21°26'	1783	157°46'	1303	
RAP, small radio pole	21°26'	1580	157°46'	1115	

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

LANDMARKS FOR CHARTS

Honolulu, T. H. - Fort Shafter

February 20th, 1953

DIRECTOR, U. S. COAST AND GEODETIC SURVEY:

The following determined objects are prominent, can be readily distinguished from seaward from the description given below, and should be charted.

Hubert A. Paton

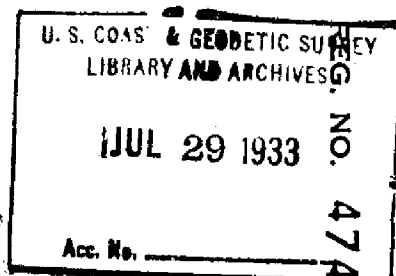
Chief of Party.

[illegible]

A list of objects which are of sufficient prominence for use on the charts, together with a description of the same, must be furnished in a special report on this form, and a copy of such report must be attached by the Chief of Party to his descriptive report. The selection, determination, and description of these points are of primary importance.

The description of each object should be short, but such as will identify it; for example, standpipe, water tower, church spire, tank, tall stack, red chimney, radio mast, etc. Generally, flagstaves and like objects are not sufficiently permanent to chart.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY



TOPOGRAPHIC TITLE SHEET

CONFIDENTIAL

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. T

REGISTER NO. 4742

State.....Hawaiian Islands.....

General locality.....~~XXXXXXXXXXXX~~ East Coast of Oahu.....

Locality.....Mokapu Peninsula to Manoa Bay.....

Scale.....1:5000..... Date of survey.....Feb. & November, 1932.....

Vessel.....Inshore Hydrographic Survey of Oahu.....

Chief of Party.....Hubert A. Paton, Lieut.....

Surveyed by.....John A. McCormick, Cpl. U.S.A. and H.A.P.....

Inked by.....J.A. McC. and H.A.P.....

Heights in feet above.....to ground to tops of trees

Contour, Approximate contour, Form line interval.....feet

Instructions dated.....July 14th, 1931....., 19.....

Remarks: Surveyed in cooperation with the U. S. Army.....