

4113

Form 504	
DEPARTMENT OF COMMERCE	
U. S. COAST AND GEODETIC SURVEY	
State	HAWAIIAN ISLANDS
11-5013	
DESCRIPTIVE REPORT.	
Topographic Sheet No.	4113
LOCALITY:	
Molokai	
Kamalo Harbor	
1925	
CHIEF OF PARTY:	
R. W. Woodworth	

4113

DESCRIPTIVE \_ \_ REPORT

to accompany

TOPOGRAPHIC \_ SHEET \_ "A" ,

of

KAMALO HARBOR

Molokai Island , Terr.of Hawaii

Scale = 1 : 5000

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R.W.Woodworth , Jr.H.& G.

Chief of Party.

PROJECT : Surveys of Anchorages.

INSTRUCTIONS : November 26, 1924.

DESCRIPTIVE REPORT to accompany topographic sheet "A" :

KAMALO, Molokai I., T.H.

DESCRIPTION OF LOCALITY : A narrow belt of flat coastal plain makes out from the piled up mountains in back of Kamalo village. Algeroba trees grow densely along most of the shoreline, and extend back to the lower slopes of the mountains.

Numerous fishponds in good condition extend along the shore.

Except along these fish pond walls, the high water line is rather indefinitely marked, as the mud shores extend far out with little change in elevation. Beyond the mud the coral flats run out between a half and three-quarter miles off the shore.

The town of Kamalo is a straggling collection of small wooden houses, mostly unpainted; with a small wooden wharf running out to the deep water of the harbor.

WELL-ESTABLISHED LOCAL NAMES : The names assigned to the fish ponds in the vicinity of Kamalo were obtained from the 1922 survey sheets of the U.S. Geological survey, and checked by old-time residents of the village.

SURVEY METHODS : Plane table traverse was run from the extreme easterly triangulation station to the wharf station, and from the extreme westerly triangulation to the wharf, both lines checking within three meters of distance.

Respectfully submitted,

*R. W. Woodworth, Jr.*

R. W. Woodworth, Jr. H&G. E.  
Chief of Party.

1925.

OBJECT	-- Description	Latitude	D.M.	Longitude	D.P.
o <u>White</u>	-- Whitewash on SE. corner of shack.	21 03	<sup>309</sup> 1536	156 53	<sup>532</sup> 1200
o <u>Post</u>	-- -Most southerly post of fence line.	21 03	<sup>93</sup> 1752	156 53	<sup>28</sup> 1704
o <u>Car</u>	-- - Center of south side of McCorriston garage.	21 03	<sup>164</sup> 1681	156 52	<sup>1568</sup> 164
o <u>Scale</u>	-- SE. corner of the scale-house.	21 03	<sup>100</sup> 1745	156 52	<sup>1093</sup> 639
o <u>Day</u>	-- - Slatted pipe day beacon.	21 02	<sup>1485</sup> 359	156 52	<sup>1120</sup> 611
<u>B.H.C.</u>	-- 1-1/2" GI. pipe im- bedded in heavy tri- angular concrete base.	21 03	<sup>868</sup> 977	156 51	<sup>1029</sup> 703
<u>B.H.C.</u>	-- " "	21 03	<sup>1103</sup> 750	156 51	<sup>606</sup> 1126
<u>1922</u>	marked as named.				
o <u>Slat</u>	-- - Whitewashed slats on trees.	21 03	<sup>418</sup> 1427	156 51	<sup>320</sup> 1412

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DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY  
WASHINGTON

September 14, 1925.

SECTION OF FIELD RECORDS

Report on Topographic Sheet No. 4113

Kamalo, Molokai, T. Hawaii

Surveyed in 1925

Instructions dated Nov. 26, 1924 and March 31, 1925

Chief of Party, R. W. Woodworth.

Surveyed and inked by R. W. Woodward.

1. The records as well as the plan and character of the survey conforms to the requirements of the General Instructions.
2. The plan and extent of the survey satisfy the specific instructions.
3. The junction with the previous topographic survey is satisfactory.
4. No further surveying is required.
5. The character and scope of the surveying and the field drafting are excellent.
6. Reviewed by E. P. Ellis, September, 1925.

T-4113

<u>SUBJECT</u>	<u>Description</u>	<u>Latitude</u>	<u>D.M.</u>	<u>Longitude</u>	<u>D.P.</u>
<u>White</u>	- - Whitewash on SF. corner of shack.	21 03	<sup>300</sup> 1536	156 53	<sup>530</sup> 1200
<u>Post</u>	- - Most southerly post of fence line.	21 03	<sup>93</sup> 1752	156 53	<sup>28</sup> 1704
<u>Car</u>	- - Center of south side of McCorriston garage.	21 03	<sup>164</sup> 1681	156 52	<sup>1568</sup> 1.4
<u>Scale</u>	- - SE corner of the scale-house.	21 03	<sup>100</sup> 1745	156 52	<sup>1093</sup> 639
<u>Log</u>	- - Plotted pine log dragoon.	21 02	<sup>1485</sup> 759	156 52	<sup>1120</sup> 611
<u>B.M.C.</u>	- - 1-1/2" or, pine in hole in heavy tri- angular concrete base.	21 03	<sup>868</sup> 977	156 51	<sup>1078</sup> 703
<u>B.M.C.</u>	- - " " "	21 03	<sup>1103</sup> 750	156 51	<sup>506</sup> 1126
<u>1922</u>	- - marked as noted.				
<u>Plot</u>	- - White-painted plot on ground.	21 03	<sup>418</sup> 1427	156 51	<sup>320</sup> 1412

RECOVERY NOTES TOPO STATIONS

SHEET 4113

WHITE Shack still here. Trees obstruct view from sea in SW direction.

Post Not searched for.

COR Recovered as described.

SCALE do

DAY do

B.H.C. Not searched for.

B.H.C. Recovered as described.  
1922

Slat Not searched for.

C.J.W.

U. S. C. & G. S. S. PIONEER, O. W. Swainson, Chief of Party,

1930-1931

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

## TOPOGRAPHIC TITLE SHEET

The finished Topographic Sheet is to be accompanied by the following title sheet, filled in as completely as possible, when the sheet is forwarded to the Office.

U. S. Coast and Geodetic Survey.

Register No. A 4113

State . . . Territory of Hawaii 4113

General locality . . . Molokai Island

Locality . . . Kamalo Harbor

Chief of party . . . R.W. Woodworth

Surveyed by . . . R.W. Woodworth

Date of survey . . . January 1925

Scale . . . 1 : 5000

Heights in feet above . . . MHW

Contour interval . . . 5 feet.

Inked by . . . RWW . . . Lettered by . . . RWW

Records accompanying sheet (check those forwarded): Photographs,

\*Descriptive report,\*Horizontal angle books,\*Field computations,

Data from other sources affecting sheet . . . . .

Remarks: