

4114

4114

Form 504

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

State: HAWAIIAN ISLANDS

11-5613

DESCRIPTIVE REPORT.

Topographic

Sheet No.

4114

LOCALITY:

Molokai

Kaunakakai Harbor

1925

CHIEF OF PARTY:

R. W. Woodward

DESCRIPTIVE _ _ REPORT

to accompany

TOPOGRAPHIC SHEET "B".

of

KAUNAKAKAI HARBOR.

Molokai Island , Terr.of Hawaii

Scale = 1 : 5000

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

Chief of Party.

PROJECT : Surveys of Anchorages.

INSTRUCTIONS : November 26, 1924.

DESCRIPTIVE REPORT to accompany topographic sheet "B" :

KAUNAKAKAI, Molokai I., T.H.

DESCRIPTION of LOCALITY : Kaunakakai waterfront consists of a few wooden houses showing thru the trees, and a mole ending in a wooden wharf extending a half mile off the shore.

East of the wharf the shoreline presents a narrow stretch of sand beach backed by dense algeroba growth. West of the wharf extends a region of marsh and tidal flats.

About $3/4$ miles west of the wharf is a large and prominent coconut grove.

CHANGES : The only change noticeable in the shoreline is an apparent building up of the tidal flats to the west of the wharf.

A new wharf is to be built over the old location, this construction to be commenced within the year.

SURVEY METHODS : Plane table traverse was run between the triangulation station on the west and station WIRE at the end of the wharf, this line closing perfectly.

It being impossible to establish a triangulation station at the easterly limit of the shoreline desired, the signal at this end was cut in by plane table intersection from triangulation SHACK and from cuts along the traverse line. The traverse between WIRE and this easterly station was re-run as a check, obtaining a closing error of four meters in distance.

Respectfully submitted,



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

Chief of Party

1925

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<u>OBJECT</u> -- <u>Description</u>	<u>Latitude</u>	<u>D.M.</u>	<u>Longitude</u>	<u>D.M.</u>
◦ <u>Coco</u> - - - The SE. corner of house in coconut grove.	21 05	1739 108	157 02	807 923
◦ <u>Tar</u> - - - -White painted tar- get 12' high.	21 05	1060 785	157 01	1536 195
<u>Rear range</u> -Heavily built per- manent structure.	21 05	987 860	157 01	1019 712
◦ <u>Front</u> " " "	21 05	834 1011	157 01	1126 605
◦ <u>Get</u> - - - -Similar to Tar.	21 05	501 1344	157 01	149 1583
◦ <u>Top</u> - - - -Whitewash target 8' high.	21 05	133 1712	157 00	1216 512

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

September 16, 1925.

SECTION OF FIELD RECORDS

Report on Topographic Sheet No. 4114

Kaunakakai, Molokai, T. Hawaii

Surveyed in 1925

Instructions dated Nov. 26, 1924

Chief of Party, R. W. Woodworth.

Surveyed and inked by W. F. Malnate.

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

Approved
EP

RECOVERY NOTES TOPO STATIONS

SHEET 4114

TAR These were not searched for, but were not observed by
GET party building signals along the beach.
TOP

C.J.W.

COCO Recovered as described, used as signal.

REAR RANGE, Recovered as described.

FRONT RANGE, Recovered as described.

C. K. G.

U. S. C. & G. S. S. PIONEER, O. W. Swainson, Chief of ²Party,
p

1930-1931

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OBJECT -- Description	Latitude	D.M.	Longitude	D.M.
<u>Coco</u> - - - The S.E. corner of house in coconut grove.	21 05	1739 108	157 02	807 923
<u>Tar</u> - - - White painted tar- get 12' high.	21 05	1060 785	157 01	1536 195
<u>Rear frame</u> - - - Newville built over- parent structure.	21 05	637 850	157 01	1019 712
<u>Front</u> - - - " " "	21 05	934 1011	157 01	1126 605
<u>Set</u> -	21 05	501 1344	157 01	145 1583
<u>Can</u> -	21 05	123 1712	157 00	1016 512

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. B 4114

4114

State . . . Territory of Hawaii

General locality . . . Molokai Island

Locality . . . Kaunakakai Harbor

Chief of party . . . R. W. Woodworth

Surveyed by . . . W. F. Malnate

Date of survey . . . January 1925

Scale . . . 1 : 5000

Heights in feet above . . . MHW

Contour interval feet.

Inked by . . . WFM Lettered by . . . WFM

Records accompanying sheet (check those forwarded): Photographs,

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

Data from other sources affecting sheet

Remarks: