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.
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 algae 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
<table>
<thead>
<tr>
<th>OBJECT</th>
<th>Description</th>
<th>Latitude</th>
<th>D.M.</th>
<th>Longitude</th>
<th>D.M.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coco</td>
<td>The SE corner of house in coconut</td>
<td>21 05</td>
<td>1739</td>
<td>157 02</td>
<td>807</td>
</tr>
<tr>
<td></td>
<td>grove</td>
<td></td>
<td>108</td>
<td></td>
<td>923</td>
</tr>
<tr>
<td>Tar</td>
<td>White painted target 12' high.</td>
<td>21 05</td>
<td>1060</td>
<td>157 01</td>
<td>1536</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>785</td>
<td></td>
<td>195</td>
</tr>
<tr>
<td>Rear range</td>
<td>Heavily built permanent structure.</td>
<td>21 05</td>
<td>987</td>
<td>157 01</td>
<td>1019</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>860</td>
<td></td>
<td>712</td>
</tr>
<tr>
<td>Front</td>
<td></td>
<td>21 05</td>
<td>834</td>
<td>157 01</td>
<td>1126</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1011</td>
<td></td>
<td>605</td>
</tr>
<tr>
<td>Get</td>
<td>Similar to Tar.</td>
<td>21 05</td>
<td>501</td>
<td>157 01</td>
<td>149</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1344</td>
<td></td>
<td>1583</td>
</tr>
<tr>
<td>Top</td>
<td>Whitewash target 8' high.</td>
<td>21 15</td>
<td>133</td>
<td>157 00</td>
<td>1216</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>1712</td>
<td></td>
<td>512</td>
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</table>
September 16, 1925.

SECTIOI\N 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.
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. X. G.

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

1930-1931
<table>
<thead>
<tr>
<th>Decimal -- Elevation</th>
<th>Latitude</th>
<th>feet</th>
<th>Longitude</th>
<th>feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deer -- -- The E corner of house in coconut grove.</td>
<td>31 35</td>
<td>1739</td>
<td>157 02</td>
<td>807</td>
</tr>
<tr>
<td>Deer -- -- White pointed tent 12' high.</td>
<td>31 05</td>
<td>1060</td>
<td>157 01</td>
<td>1856</td>
</tr>
<tr>
<td>Deer -- -- Recently built temporary structure.</td>
<td>31 05</td>
<td>785</td>
<td>157 01</td>
<td>195</td>
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<tr>
<td>Deer -- --</td>
<td>31 05</td>
<td>923</td>
<td>157 01</td>
<td>1019</td>
</tr>
<tr>
<td>Deer -- --</td>
<td>31 05</td>
<td>623</td>
<td>157 01</td>
<td>712</td>
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<tr>
<td>Deer -- --</td>
<td>31 05</td>
<td>1011</td>
<td>157 01</td>
<td>405</td>
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<tr>
<td>Deer -- -- Similar to Deer.</td>
<td>31 05</td>
<td>101</td>
<td>157 01</td>
<td>140</td>
</tr>
<tr>
<td>Deer -- -- 35' pole</td>
<td>31 05</td>
<td>142</td>
<td>157 00</td>
<td>1126</td>
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<td>Deer -- -- 35' pole</td>
<td>31 05</td>
<td>1713</td>
<td>157 00</td>
<td>1246</td>
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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. 4114

State . Territory of Hawaii
General locality . Molokai Island
Locality . Kaunakakai Harbor
Chief of party . F. 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: