Form 504

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

State: Hawaiian Islands

11-3615

DESCRIPTIVE REPORT.

Topographic Sheet No. 4781

LOCALITY:

Kaunakakai

Molokai Island

1930

CHIEF OF PARTY:

O.W. Swainson
DESCRIPTIVE REPORT
To Accompany
Sheet 495 - Keunakakai, Molokai Island, T. H.

AUTHORITY
The area covered in this work was done in accordance with instructions dated August 19, 1930, for Project No. 69.

GENERAL DESCRIPTION
This is a revision survey for the purpose of locating the new territorial dock, and the oil tanks of the Standard Oil Company.

The new dock is a concrete structure built on concrete pilings, and extends from the end of the old road or mole for a distance of approximately 230 meters. Two cranes are operated on the dock for the purpose of loading pineapple and cattle. The outer face of the dock is built to afford a landing for small boats.

The white tanks of the Standard Oil Company show very prominently when approaching the harbor. The warehouse east of the tanks does not show off-shore on account of the thick growth of Algeroba trees in the vicinity.

METHODS
The usual method of traverse was used. Due to the fact that Keunakakai was situated in a grove of Algeroba trees, no nearby triangulation stations were visible and an azimuth line to Kaulahuki was plotted on the sheet and used for orientation. The traverse was closed by plotting cuts taken from the last set-up to stations off the sheet. The present road leading out to the dock extends approximately 23 meters beyond the 'End of Mole', as shown on survey of 1925, Sheet 494.

SCALE
The scale of the sheet is 1 : 5,000.

PROMINENT NEW LANDMARKS
. . . Oil tanks of Standard Oil Company.

P. L. Bernstein
Lieut. (j.g.) C. & G. Survey,
U.S.C. & G.G.S. PIONEER.

Approved and forwarded:

O. W. Swainson,
Lieut. Comdr., C. & G. Survey,
Commanding PIONEER.
# Plane Table Positions

**Sheet No.**

Kaunakakai, Molokai Island, T.H.

<table>
<thead>
<tr>
<th>Object</th>
<th>Lat.</th>
<th>DM</th>
<th>Long.</th>
<th>DM</th>
<th>Height</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oil Tank (Standard Oil Company)</td>
<td>21 05</td>
<td>+76lm.</td>
<td>157 01 30</td>
<td>+47</td>
<td>25 ft.</td>
<td>Northerly of two white tanks.</td>
</tr>
<tr>
<td>Wireless Mast</td>
<td>21 05</td>
<td>+680m.</td>
<td>157 01 30</td>
<td>+70</td>
<td>100 ft. (app.)</td>
<td></td>
</tr>
<tr>
<td>Church</td>
<td>21 05</td>
<td>+720m.</td>
<td>157 01 30</td>
<td>+156</td>
<td>25 ft.</td>
<td>Cross.</td>
</tr>
</tbody>
</table>
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

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. __C________

REGISTER NO. 4781

State _______Hawaiian Islands______________________________

General locality _______Molokai____________________________

Locality _______Kaunakakai_______________________________

Scale _______1:5000____ Date of survey _______November_____, 1930

Vessel _______U. S. C. & G. S. S. Pioneer____________________

Chief of Party _______O. W. Swainson_______________________

Surveyed by _______P. L. Bernstein__________________________

Inked by _______""__________________________

Heights in feet above _______to ground to tops of trees

Contour, Approximate contour, Form line interval _______feet

Instructions dated _______August 19th__________, 1930

Remarks: ________________________________

______________________________

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