DESCRIPTIVE REPORT

To Accompany

Sheet T-58 B

Manele Bay, Lanai Is., T. H.

AUTHORITY

The area covered in this work was done in accordance with instructions dated August 12, 1930, Project #69.

GENERAL DESCRIPTION

This is a revision survey of Manele Bay, Lanai Island, T. H., on a scale of 1:5000. This bay is about 1/4 mile wide and indents the coast for about 1/4 mile. The most prominent landmark is Puupeha-rock on the westerly side. This is a bare, brown precipitous rock, 90 feet in height and separated from the shore by a sand and rocky spit. The shoreline on the westerly side of the bay consists of bluffs, 100 ft. high, which decrease as they approach the head of the bay, where there is a sand and rocky beach. From the head of the bay to the easterly side the shoreline consists of bluffs which increase in height to an elevation of 280 ft., and which are very precipitous.

One the west side of the bay there is a cattle chute used to load live stock. There is an old wooden landing at the head of the bay which may have been used to load live stock onto a barge.

There are two important outlying rocks which are clearly shown on the sheet.

METHODS

The method of traverse, checked by resection cuts was used. As there were no triangulation stations that could be plotted on the sheet, an azimuth line from Puu Pehe to Kea were used for orientation. There was no closing error.

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

Approved and forwarded:

O. W. Swainson,
Lieut. Comdr., C. & G. S.,
Commanding PIONEER.
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. B

REGISTER NO. 4780

State Hawaiian Islands

General locality Lanai

Locality Manele Bay

Scale 1:5000 Date of survey March 1931

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 H. W. to ground tops of trees

Contour, Approximate contour, Form line interval 100 feet

Instructions dated August 19 1930

Remarks

640