

4206

Form 504

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

State: Hawaiian Islands

11-5613

DESCRIPTIVE REPORT.

Topographic Sheet No. 4206

LOCALITY:

~~Koloa Landing, Kauai Id.~~

Koloa Landing and

~~Pt. H.~~

Makahuena Pt.

19²⁶

CHIEF OF PARTY:

Clem L. Garner, Lieut. Comdr.

DESCRIPTIVE REPORT
to accompany

TOPOGRAPHIC SHEET NO. _____.

KOLOA LANDING, KAUAI ISLAND, T. H.

Clem L. Garner - - - - - Chief of Party.
Instructions dated Nov. 23, 1925.

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TERRITORY COVERED: This survey covers the shoreline of the south Coast of Kauai in the vicinity of Koloa Landing, from the Spouting Horn eastward to a point about $2\frac{1}{2}$ miles northeast of Makahuena Point.

GENERAL DESCRIPTION OF THE COAST: The most conspicuous feature of the area is Makahuena Point, the summit of which is an old crater about 130 feet above sea level. From seaward the point appears as a long sandy ridge terminating in rocky cliffs from 10 to 40 feet in height. Makahuena Point Lighthouse was found as described in the current light list. Inshore from Makahuena Point is a long, low ridge, the first summit being marked by a rocky crater, the final summit being covered with low brush. The slopes of the ridge are planted in cane. To the westward of Makahuena Point is a group of houses extending along the coast about $\frac{3}{4}$ mile. The remaining half mile to Koloa Landing is covered with a thick growth of cactus.

Koloa Landing is an open roadstead, with a small slip of timber, rock and concrete to accomodate whaleboats. The platform on the west side of the slip is housed over with an open wooden shed, and a derrick run by a donkey-engine is located on the east side. There is a small wharf about 100 feet from the land.

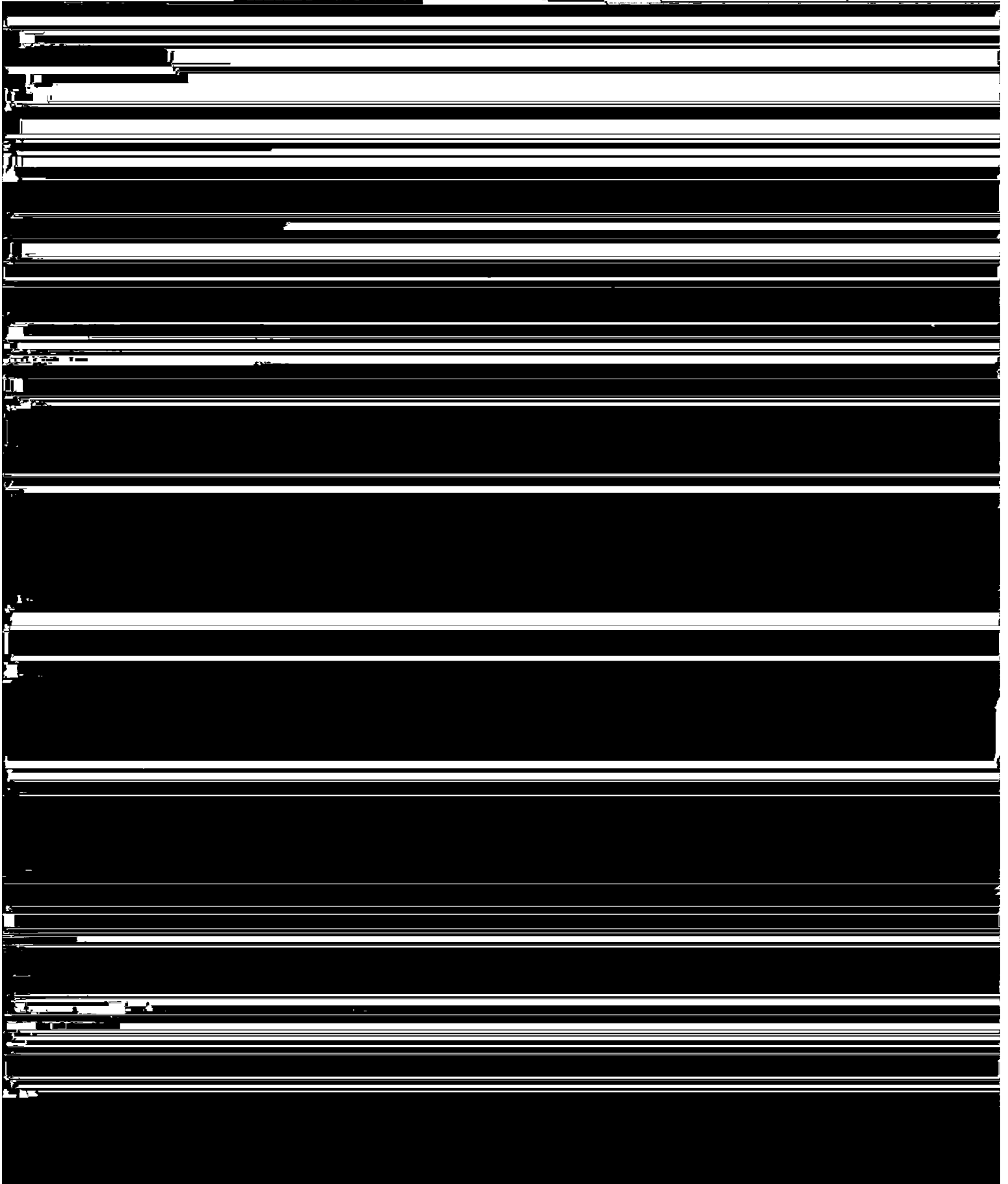
LANDMARKS: As stated above, the principal landmark located by the survey is Makahuena Point, with the light-house near its extremity. The low cliff at Koloa Landing serves as a convenient mark for coming in to the anchorage, as does the small bight about 30 meters west of the landing. The Spouting Horn, at the western extremity of Kukuiula Bay, throws a column of water in the air even in smooth weather. Koloa Mill Chimney is quite conspicuous from seaward.

PERMANENCY OF THE COASTLINE: There appears to be no likelihood of any perceptible change in the coastline as the determining points are of hard rock, and the short sand beaches seem well established. There are no active volcanoes in this region.

SURVEY METHODS: Beginning at Δ Horn, with orientation on Makahuena Light (old position) a plane table traverse was run eastward along the beach, checking on such old stations as could be recovered. A four inch iron pipe set in concrete was found at the approximate position of Δ Post, and is believed to be a re-marking of this station by a local survey. In passing Δ Small White House, the traverse was checked by a rod reading on the house. A spur traverse was run to Δ Koloa Warehouse, East Gable, checking exactly on the center of the east end of an old foundation. The warehouse itself has been removed. The main traverse was continued up the beach, checked but not corrected by resections on Δ Koloa Church Spire, past High Gable S.E., on which an approximate check was had by re-

(2)

STATIONS RECOVERED: Stations, Horn, Post, Small White House,



STATISTICS SHEET TO ACCOMPANY TOPOGRAPHIC
SHEET NO. _____

Miles of shoreline : 8.5 (Statute)

Miles of roads: 9.5 "

Area: 9.5 (Sq. Statute)

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

4206

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. 4206

State . . . Hawaiian Islands

General locality Kauai Island

Locality Koloa Landing and Makahuena Pt.

Chief of party . . Clem L. Garner, Lieut. Comdr.

Surveyed by . . . Earl M. Buckingham, Lieut. (j.g.)

Date of survey . . January & February, 1926.

Scale 1:10,000

Heights in feet above . Mean High Water

Contour interval 100 . . feet.

Inked by . . E.M.B. Lettered by . . E.M.B.

Records accompanying sheet (check those forwarded): Photographs,

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

Data from other sources affecting sheet

Remarks: