

83
STA
1912

3268

C. & G. SURVEY,
LIBRARY AND ARCHIVES
OCT 14 1912
CO. No

Department of Commerce and Labor
COAST AND GEODETIC SURVEY

Superintendent.

State: *N.H.*

DESCRIPTIVE REPORT.

Topo. Sheet No. *3268*

LOCALITY:

*Maine - West Coast -
McGregor Pt to Keka Pt*

1912

CHIEF OF PARTY:

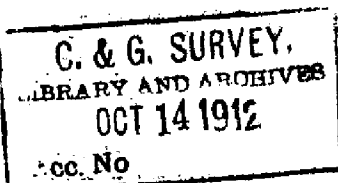
Gauger & Lutz

11-4045

3268

3268

Maui, T. H.



Kekaa Point
to
McGregor's Landing

Plane Table Survey + Inking by En. C. Lutz,
Aid, C. & G. Survey.

February 1912

Scale 1:20000

Projection by J. P. Gauger Asst. C. & G. Survey
Chief of Party.

Shoreline 15.5 sta. miles.
Roads 18.0 sta. miles.
Area 2.0 sq. " "

P. T. Points
 S. St. gable
 St. gable warehouse
 Pump Stack
 Wireless A (main pole)
 Wireless B (low pole)
 Stack
 Mile Post #22
 Lahaing Light
 Mill Stack
 House (cent)
 Closet (S.E. cor of tin closet built
 out over water line)
 Mile Post #20 (on projecting ledge)
 Boulder (largest in vicinity)
 Pyramid of Rocks
 Mile Post #15
 Mile Post #13
 Rock (large rock 12' high on
 high water line)
 Mile Post #11
 Mile Post #10
 McGregors Point Light

Latitude	Longitude
20° 56' 1039	156° 41' 888
55 1621	41 1400
53 735	40 1704
53 250	41 637
53 247	41 669
52 1653	40 1230
52 1271	40 1604
52 957	40 1497
52 841	40 472
51 1441	40 564
51 935	39 1726
51 589	39 1380
50 1139	39 401
50 214	38 983
48 1376	36 844
47 1633	34 1587
47 1385	34 258
47 659	33 713
47 162	32 1391
46 1555	31 909

Descriptive Report to Accompany
Sheet No.

Kekaa Point to Ina Gregor's Landing,
Kauai, T. H.

The land adjoining this coast line is in general low & gently sloping, for a half mile or more inland & supports a luxuriant growth of sugar cane whereas bare mountain peaks & slopes free from all vegetation rise abruptly immediately back of the cane fields. At the extreme southeast end of the sheet the mountainous slopes extend to the water's edge where they terminate in a succession of barren rocky bluffs 50 ft. high. Westward from this the shoreline consists mostly of alternations of sand & pebble beaches fringed with a narrow belt of algaroba trees, except at Kahaina, where coconut groves are a distinguishing feature.

A coral reef fringes the shoreline adjacent to the lowlands. The approximate position of which is indicated by the breaker line.

There are no harbors on the sheet but the Inter-Island Steamers make regular stops at Kahaina & Ina Gregor's during the trade wind season when these landings are in the lee & perfectly smooth. The anchorage off Oloupana is only used as the local needs of the Sugar Mill require. Inasmuch as all the landings are open roadsteads, none of them can be used during S by or Kona weather.

At Kahaina, the red buoy marks the usual

anchorage of the Inter Island boats drawing about 10 feet. A red lantern is always displayed on this buoy on all "steamer nights" to assist the steamers in approaching the anchorage.

Water is piped near the landing at Kahana & Olowalu.

The light at McGregor's is mounted on a pole & is about 125 ft. above sea level. This landing is extremely treacherous during dry weather & has proved most unsatisfactory. Money has now been appropriated to construct a boat landing at Pihei to replace this landing. When the landing at Pihei is in readiness McGregor's will undoubtedly be abandoned & the light transferred to the new wharf.

The rainfall within the limits of this sheet is very light & usually falls during the months of December, January & February, the dry or Kapa wind months. All the crops are raised by means of irrigation, the water being procured from the watershed in the higher mountains.

The various mill & pump stacks are the most conspicuous & well defined landmarks.

The survey was controlled by triangulation data furnished by the Territorial Survey & other triangulation previously executed by the C & G Survey in Maalaea Bay. A 5 mile traverse was made to connect the gap between Olowalu and a "Shed" which closed with an error of 39 meters & was adjusted. This work seems to indicate that the previous work executed in Maalaea Bay on Topographic Sheet # ended with a traverse at C Point. ^{Hawaii} that this traverse ~~could not~~ was not adjusted.

The true position of signal Point is shown on
this sheet.

Report by Melvin C. Lutz, Aid.
Slightly supplemented & revised by
John P. Ganger, Asst.