

2459<sup>A</sup>

Department of Commerce and Labor  
COAST AND GEODETIC SURVEY

.....  
*Superintendent.*

*State:* .....

DESCRIPTIVE REPORT.

*Hyd.* Sheet No *2459*

LOCALITY:

191

CHIEF OF PARTY:

5  
2  
H  
2

DEPARTMENT OF COMMERCE  
Coast and Geodetic Survey

O. H. Tittman, Supt.

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A DESCRIPTIVE REPORT ON THE HYDROGRAPHIC SHEET OF MALA BAY, LAHAINA  
DISTRICT, MAUI ISLAND, ..... HAWAIIAN ISLANDS.

SCALE 1:10,000

Surveyed in December, 1913 by the C. & G. S. Str. PATTERSON.

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James B. Miller, Assistant, C. & G. Survey, Chief of Party.  
Geo. C. Mattison, Aid, C. & G. Survey, in charge of hydrographic party.

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The sheet shows inshore launch hydrography covering Mala Bay; which is a bight in the shoreline of Western Maui, northward of Lahaina, and bounded on the southward by Puunoa Point.

A system of lines was run 1/8 mile apart perpendicular to the shore. The features developed are unimportant, and may best be understood by referring to the sheet.

Signals were located by triangulation done at the time, and by sextant angles recorded in the sounding book. Tide reducers are obtained from the U. S. Engineers record at Hilo, ~~as from staff readings at Lahaina made at the time.~~ or from the tide tables.

Respectfully submitted,

*James B. Miller,*  
Chief of Party, C. & G. Survey.

Honolulu, T.H.,  
March 8, 1914.

STATISTICS

SHEET 68

SOUTH MAUI, <sup>A</sup>MOLA BAY

Date	Boat	letter	Vol.	Hours	Pos.	Sdgs.	Stat. Miles.
1913							
Dec.24	Launch47	a	1		88	168	13.6

DEPARTMENT OF COMMERCE

Coast and Geodetic Survey,

O.H. TITTMANN, Supt.

HAWAIIAN ISLANDS

MOLOLA BAY, LAHINA DISTRICT, MAUI ISLAND

ORIGINAL HYDROGRAPHIC SHEET NO. ~~66~~ 2459<sup>a</sup>

Surveyed in December, 1913, by the party on  
the U.S.C&G.S. ~~Lanark~~ <sup>47</sup> Patterson

SCALE: 1:10000

Soundings in fathoms at mean low<sup>er</sup> water.

James B. Miller, Assistant, C.&G. Survey, Chief of Party.  
Geo. C. Mattison, Aid, C&G. Survey, in charge of hydrographic party.

Plotted by.....

V.  
July 20, 1914

HYDROGRAPHIC SHEET 2459A.

Maui Island, T. Hawaii, by Assistant J. B. Miller in  
1913.

TIDES.

	Hilo ft.
Mean lower low water, or plane of reference on staff	0.1
Lowest tide observed " "	-0.9
Highest " " " "	3.5
Mean range of tide	1.5