Department of Commerce and Labor
COAST AND GEODETIC SURVEY

Superintendent.

State: OI. T.

DESCRIPTIVE REPORT.

LOCALITY:
Maui—North Coast
Kahului Harbor vicinity

1912

CHIEF OF PARTY:

Gage and Lutz

11-1912
Kahului Harbor

Plan, Tables, Survey, Sinking by Capt. C. Kutz
Aid, C. S. Survey
August 1912
Projection by T. C. Spencer, Ass't C. S. Survey
Chief of Party
Scale 1:10,000

Shoreline 7.7 N. M. miles
Roads 35.0 " " "
Area 11.0 sq " " "
<table>
<thead>
<tr>
<th>Location</th>
<th>Latitude</th>
<th>Longitude</th>
</tr>
</thead>
<tbody>
<tr>
<td>P.Y. Point, Revo flag pole</td>
<td>20° 53' 16.97&quot;</td>
<td>53° 54' 54.7&quot;</td>
</tr>
<tr>
<td>Stack S</td>
<td>54° 8' 54.0&quot;</td>
<td>29° 7' 7.1&quot;</td>
</tr>
<tr>
<td>Stack S</td>
<td>53° 18' 0&quot;</td>
<td>27° 16' 47&quot;</td>
</tr>
<tr>
<td>Flagstaff</td>
<td>54° 8' 54.0&quot;</td>
<td>29° 7' 7.1&quot;</td>
</tr>
<tr>
<td>Soda Works Stack</td>
<td>54° 8' 54.0&quot;</td>
<td>29° 7' 7.1&quot;</td>
</tr>
</tbody>
</table>
Descriptive Report to Company
Sheet 3271
Kahului Harbor, Maui, T. H.

Kahului is the main port on the island of Maui, and its harbor is the only one that will accommodate the larger vessels. The breakwater shown on the sheet was completed in May of this present year. Whereon next spring work on deepening the harbor back to the breakwater. It is proposed if the improvements can be obtained (which is not certain) to build another breakwater from the western side of the cove & eventually make the whole cove an anchorage basin. Even now the harbor affords anchorage for two or three 10,000 ton ships of medium draft, at least one tug boat is always on hand to assist vessels in their maneuver. Fuel oil, water and supplies can be readily obtained here, but very little coal is handled.

The light on the breakwater is mounted on a steel, steel-backed, painted framework about 30 ft. high. It is an automatic intermitting light, about 41 ft. above sea level. The range lights at Kahului are mounted on four-legged diagonal brackets, white painted wooden seawalls, about ten to twenty feet high. The black house enclosing the front range light is painted red and that enclosing the rear range light is white. The day beacons on the sand hill
ridge west of the harbor are white wooden
structures surmounted by tetrahedral cap-
marks with alternate faces painted red
and white.

The purpose of this sheet was to sup-
ply the inshore topography for Chart
# 085, as far as charts from maps could
not be obtained for this area.

The blue print of Kahului intended
to supply part of this detail is an accurate
plan of the village as now laid out, It
will be noted that some of the houses
are still in the streets. There are minor
building and are to be removed shortly.

School Avenue, also, is not finished as
yet. I am indebted to Mr. J. H. Willings,
manager of the Kahului P.P.,
for this copy of this town site.

For other topography east of Kahului
needed for Chart #05 I consider the
English map of the Hawaiian Commercial
& Sugar Co's plantation amply good
enough. As far as is known this map
is correct at all essentials & carefully
prepared throughout. It is embargoed by
the original topographical Survey, States,
by supplementary triangulation. I am
indebted to Mr. Collens, Civil Engineer, for
the copy of this map.

A similar map is now being pre-
pared for the Wailuku Sugar Company.

I have asked the manager
of it what completed in the office of
the report that I gave to the engineer
The Wailuku Agricultural Company
is also preparing a similar map of its holdings. This, however, is not to be a contour map. When completed, I think it will prove quite useful in showing the golds, railroads, farm sites, irrigation ditches & gulches even if no elevations are given. A letter addressed to the Company at Pica, Brake T. N. will obtain a copy of this map if it should be desired.

John C. Spanger
Asst. U.S. Survey.