4150

Form 504

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

State: Hawaiin Is.

11—5613

DESCRIPTIVE REPORT.

Topo *Sheet No.* 4150

2330 LOCALITY:

Oahu I.

Honolulu Harbor

1925

CHIEF OF PARTY:

E.R. Hand

4150

ORIGINAL ORIGINAL

DESCRIPTIVE REPORT

To accompany Chart 4109, Honolulu Harbor, as revised, December 1925.

Eoline R.Hand, Chief of Party.

These corrections were made under authority of Office letter on November 12, 1925 (I-LE)

The chart was used as a field sheet, and the changes were controlled by the fixed lights, the red brick chimney next to Fort Armstrong, the cupola of Immigration Bldg., the flagstaff at Quarantine Island, and also the wharf corners and the street intersections when proved correct. Many of these are triangulation locations. A number of additional landmarks are shown: they are, the great warehouse at Kewalo Basin, Federal Bldg., Flagstaff and cupola (on twin towers), Aloha Tower, The twin stacks of the Hawaiian Electric Co. (behind pier 7) and the immense gas tank(red) in Iwilei. These new landmarks have all been taken care of in my recent Landmark Location project (Orders Oct22) but the computed positions are not yet available. As I have stated, the new work is consistent with the old, being controlled by it, when exact enough. The computed positions, when plotted, might not come exactly where placed graphically, but I feel certain they are shown here closely enough for all practical purposes: for if my positions are shifted, then of course the whole layout of streets etc. must be likewise moved.

It is urged that my descriptive notes of the landmarks be placed upon this chart. Otherwise the navigator is not going to be able to identify them with certainty, warranting him in using them. Outside, forced to anchor and await Doctors and Customs, he is in no humor to ascertain what is what by the tedious process of experimental elimination. On the other hand, there is nothing that makes the sailor approaching a strange port feel feel more thoroughly "at home" than to recognize at once on his chart the objects he spots ashore.

The complaint is that at present there is insufficient means of getting a fix outside the entrance. Of the two places marked "chy" east of Ft. Armstrong there is nothing to guide one to the knowledge that the seaward one is the mark to be used, the other being practically invisible. Nor can the navigator at present associate that slender cupola of glaring yellow with the Immigration Station.

The warehouse at east end should be shown, with clear description, as a guide to Kewalo Basin. It is suggested that the pine tree symbol be placed all over Quarantine Id., for (grown up solid as it is with this characteristic dark green all inside the symmetrical oval) the west tangent would make a fine thing to take bearings on.

My sheets "I", "J", 9 and 10 (now in hands of Army) will show new water information.

There is a concrete pier now at Kewalo Basin: along it is dredged to 27 ft. This was erected as a sampan (Jap. small fish boats) dock, so that the slip between 15 and 16 would be available for bigger craft.

I have written my detailed descriptions directly on the sheet. In this regard Aloha Tower is noteworthy. There will be a time ball, four faced clock, and a light. The kind of light is not yet agreed upon.

As to the opening up of Kapalama Basin, only what is hachured on the blueprint is in immediate prospect. This present work,(now under way) is for the accomodation of the pineapple cannery interests.

Customs House and Post Office now in Federal Building, as shown. The great square towers of this structure prominent from seaward. One has flag, one a small instrument cupola.(Weather Bureau)

I am submitting five blueprints and tracings, further elucidating the harbor changes.

Approved L.O.R.

Eoline R. Hand

Eoline R.Hand, H&GE.

ORIGINAL

Form 537a
11—5818

4150

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

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. 4150

State . . . ~~T.H.~~ Hawaiian Is. . . . . .

General locality . Oahu, T.H. (Oahu I.) . .

Locality . . Honolulu Harbor . .

Chief of party . Colin R. Hand . . .

Surveyed by . . . " . . . . . " . . . . . .

Date of survey . . . . . Dec. 1925 . . . . . .

Scale . . . 1:5000 . . . . . .

Heights in feet above . . . . . .

Contour interval . . . . feet.

Inked by . . . . . ERH. . . . . Lettered by . . . . . .

Records accompanying sheet (check those forwarded): Photographs,

Descriptive report, Horizontal angle books, Field computations,
5 tracings & blue prints
Data from other sources affecting sheet . . . . . .

Remarks:

revision of chart 4109
see Office letter 11/12/1925 (7-LE)