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Form 504

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

State: Oregon

11-5013

DESCRIPTIVE REPORT.

TOPO Sheet No. G 4365

LOCALITY:

Cape Sebastian
Hubbard Mound to Cape Sebastian

1918

CHIEF OF PARTY:

A. P. Ratti

DESCRIPTIVE REPORT TO ACCOMPANY SHEET G, HUBBARD MOUND TO CAPE SEBASTIAN.

A. P. Ratti, Chief of party.

1928.

INSTRUCTIONS:

This survey was made under instructions dated March 19, 1928.

EXTENT:

This sheet comprises a survey of the shore line and off-lying rocks from Hubbard Mound to Cape Sebastian, Oregon. It joins on the north with sheet F, 1:20,000 and on the south with the work of the DISCOVERER, summer of 1928.

SURVEY METHODS:

The shore line and off-lying rocks, with the exception of part of the rocks on Rogue River Reef were surveyed by the usual plane table methods. The larger rocks of Rogue River Reef were located by plane table cuts from shore, and the remainder of the rocks were located by sextant by C. A. Nelson. Position of rocks obtained by sextant were checked in all cases. The entire area of this sheet was examined carefully at low tide for all rocks showing. Traverses were run along shore between triangulation stations for controlling the shore line.

Roads on this sheet were transferred from blueprints borrowed from the State Highway Commission. The streets of the town of Gold Beach and some other sections of the road were rodged in. The south end of the Roosevelt Highway is controlled by triangulation station Sebastian, to which the highway had been tied in by the state highway engineers while running a location survey for a road out to the Cape from the highway.

DESCRIPTION:

This survey was confined to the shore line and off-lying rocks, as the contouring and inland topography is well done on T-1862. Aside from the revision work shown, there are no changes of any importance in the inland topography on T-1862.

Gold Beach is a town of about 300 population and Wedderburn about 100. The Roosevelt Highway at present crosses the Rogue River by ferry. A bridge is planned to be built soon, across the river as shown in pencil. The Rogue

The Rogue River Reef is very foul and, besides the rocks shown probably contains a large number of sunken rocks.

COMPARISON WITH CHART 5951:

1. North-west Rock extends in the direction as shown instead of north and south as shown on the chart. This was cut in from shore by plane table and sketched from the launch while close aboard. The long part of this rock lines up almost exactly with Hubbard Mound. Signal NOR is the highest point of this rock.

2. Chart 5951 shows a rock symbol, directly in front of and close to the letter R of the word ROGUE in "Rogue River Reef". This rock was probably taken from H-1945, as the photostat shows a rock symbol in the same place. This is an error as there is no rock in this area.

Descriptive Report, topo sheet G, continued:-

3. More rocks 'awash were located in the reef than are shown on the present chart. This entire area was carefully checked at low tide for all rocks showing.

4. The position, shape and number of rocks in the southern part of the reef were changed considerably from those shown on the present chart.

5. More rocks were found along shore between Hubbard Mound and Rogue River than shown on the present chart. This area was checked at low tide for all rocks showing.

STATISTICS:

Statute miles of shore line	19.5
" " roads	21.8

Respectfully submitted,

Approved,

Augustus P. Ratti

Chief of Party.

Thos B Reed

Inspected and found adequate. The junctions with the adjoining sheets are satisfactory, except that the shoreline at the south end should have been carried several hundred meters further to affect a junction with and assist in adjustment of T. 1588. The specific instructions were complied with.

E. P. Reed

Feb. 1929.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO.

TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. G

REGISTER NO. 4365

State Oregon

General locality ~~Coast~~ Cape Sebastian

Locality Hubbard Mound to Cape Sebastian

Scale 1:20,000 Date of survey August, 1928

Vessel Chartered launch Rogue.

Chief of Party A. P. Batti

Surveyed by Thos. B. Reed and G. A. Nelson

Inked by Thos. B. Reed

Heights in feet above H. W. to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated March 19, 1928

Remarks: _____