

4584

Form 504
Ed. June, 1928

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
R. S. Patton, Director

U. S. COAST & GEODETIC SURVEY
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MAY 23 1931

State: S. W. Alaska

Acc. No.

DESCRIPTIVE REPORT

Topographic
Hydrographic

Sheet No.

"G"
4584

LOCALITY

Kodiak Island, S. W. Alaska

Olga Bay

1930

CHIEF OF PARTY

F. H. HARDY, H&GE.

DESCRIPTIVE REPORT

to accompany

TOPOGRAPHIC FIELD SHEET "G",

Str. SURVEYOR.

F.H.HARDY, Com'd'g.

Olga Bay, Kodiak Island, S.W. Alaska.

Project No. 58.

4584

INTRODUCTION.

This survey was made according to Instructions dated April 1-st, 1930.

This sheet comprises that part of Olga Bay between Latitude $57^{\circ} 02.8'$ and $57^{\circ} 10.0'$ and Longitude $154^{\circ} 05.0'$ and $154^{\circ} 30.0'$.

This report covers the topographic work done in the survey of the above area.

GENERAL DESCRIPTION.

Olga Bay is surrounded by mountains with the exception of the west end, where a rolling tundra flat, dotted with numerous small ponds extends to the Pacific Ocean. This is less than one hundred feet in elevation.

Bluffs with rocky outcrops from ten to eighty feet in height surmounted by steep slopes of mountains varying in height to twenty five hundred feet, rise from the water's edge. These slopes are covered with a heavy growth of grass and alder brush with rocky outcrops.

LANDMARKS.

There is a prominent water fall in approximate Latitude $57^{\circ} 07.6'$ and Longitude $154^{\circ} 05.6'$. This is very prominent from the west and south. It is about thirty feet high.

The Cannery buildings and dock of the Alaska Packers Association in approximate Latitude $57^{\circ} 09.5'$ and Longitude $154^{\circ} 14.1'$ There is a small general store open the year around in connection with the cannery.

The Upper Station is a prominent building in approximate Latitude $57^{\circ} 03.2'$ and Longitude $154^{\circ} 22.0'$. This building is the property of The Alaska Packers Association and was formerly used by them when seining was allowed in the Bay. Building used as O Day.

CHARACTER OF CONTROL.

The control for this survey was a scheme of third order triangulation determined by the Party of F.H.HARDY, 1930.

Because of the proximity of the triangulation stations and their visibility, resection was used in this survey, with the exception of the several small bays. These were run by closed traverse, each checking within the allowable error in distance and azimuth.

DISTORTION OF SHEET.

The distortion of this sheet during the field season was two meters per minute of Latitude, and five to seven meters per minute of Longitude.

During the field work on this survey the planetable was oriented on signals when possible parallel to the edges of this sheet from the point occupied. Where this was not possible, allowances were made for the positions of stations oriented on.

JUNCTION OF SHEET.

This sheet joins Topographic Field Sheet "F" on the east, where a satisfactory junction was made, both as to form lines and shore lines.

The form lines on the west portion of this sheet join those of Topographic Field Sheet "B", making a satisfactory junction.

LIST OF NAMES.

(1) Well established local names :-

- ✓ Stockholm Point. Olga Bay
- Goat Bay. =
- ✓ Gertie Story Bay.
- ✓ Stintz Bluff.
- ✓ Red Salmon Creek.
- ✓ Upper Station.
- ✓ Stormy Point.
- ✓ Silver Salmon Creek.
- ✓ Cannery Creek.

(2) Name assigned by Field Officers:-

- ✓ Gertie Story Rock.

FORM LINES.

All positions were located and their elevations determined by planetable, of the area covered by this survey.

GENERAL.

The Form, Land Marks for Charts showing new prominent objects, located by planetable, is attached to this report.

Respectfully submitted,

Lawrence W. Swanson
Lawrence W. Swanson,
Lieut. (j.g.) C. & G. Survey.

Approved.

J. H. Hardy

Comdg the Surveyor -

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO. 4584

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. 4584

State ~~S.W.~~ Alaska.

General locality Kodiak Island.

Locality Olga Bay.

Scale 1:20,000 Date of survey July 21-Aug. 15, 1950

Vessel Str. SURVEYOR.

Chief of Party F.H. HARDY.

Surveyed by L.W. SWANSON.

Inked by L.W. SWANSON.

Heights in feet above M.H.W. to ground ~~XXXXXXXXXXXX~~

~~XXXXXXXXXXXX~~ Form line interval 100 feet

Instructions dated April 1-st, 1950,

Remarks: