

4309

Form 504
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY & A.
Acc. No.
State: S. W. Alaska
11-5613
DESCRIPTIVE REPORT.
Topographic Sheet No. K 4309
LOCALITY:
Prince William Sound
Port Bainbridge - Puget Bay
1927
CHIEF OF PARTY:
R. R. Lukens

Descriptive Report to Accompany Topographic
Sheet No. K of Port Bainbridge and Puget
Bay, Prince William Sound, S. W. Alaska.

Limits and extent:- This sheet covers the west shore of Port Bainbridge from Cape Puget to a point 1-3/4 miles north of Bainbridge Glacier and also Puget Bay.

General Description of the Coast:- Cape Puget is a steep rocky headland with a wooded peak about 680 feet high.

There are numerous rocks close to the cape, the farthest one, which bares about 4 feet at H. W., is 243° (true), SW 3/4 S, 1/4 mile from Δ Puget. There is a breaker 270° (true), SW x W 1/2 W, 330 meters from Δ Puget.

A bare, pinnacle rock, 75 feet high, is located close to the cape. There is a flat rock which bares about 3 feet at H. W. 180° (true), SE 1/2 S, 120 meters from Δ Puget.

These rocks are the most outlying rocks off the cape. There are several rocks to the northeastward of Cape Puget. The most outlying is 70° (true), NE 1/4 N, 0.6 miles (1013 m.) from Δ Puget. There are numerous rocks along the shore and close to it, from Cape Puget to \odot Pin which are awash at L. W. This stretch of shoreline is bold and cliffy. From \odot Pin to a point 1-3/4 miles north of Bainbridge Glacier, the shore is bold and rocky, with the exception of gravel beaches south of \odot Able; at \odot Easy; at \odot Jug; and along the face of Bainbridge Glacier.

At Δ Able there is a large natural arch which is open from the northward and when close to shore.

At Δ Halt there is a large prominent rocky slide. This is also true of the formation north and close by Δ Bain.

The lake at \odot Jug is of brackish water.

The shore between Δ Puget and \odot Cake is a soft rocky formation and looks like a landslide.

The lake off \odot New is of brackish water. The low water line south of Δ New and south of \odot Pet to the bluff point is reefy. Landings should not be attempted along this section. Landing, except in very rough weather can be made between \odot New and \odot Mac. There is considerable drift wood along this section of beach.

Inshore Dangers:- There is a rock which bares 3 feet at H. W. 90 meters off \odot Cap.

A rock awash at H. W. is located 300 meters 274° (true) SW x W 3/4 W from \odot Van.

There are a group of rocks which bare at H. W. 1130 meters 70° (true), NE 1/4 N from \odot Pur.

Rock baring 4 feet at L. W. 153 meters 262° (true), SE 3/4 E from \odot Mat.

Rock baring 2 feet at L. W. 220 meters 146° (true), S x W from Δ Start.

Survey Methods:- Survey in Port Bainbridge is well controlled by triangulation stations and a satisfactory junction was made with topo. sheet field no. "R".

Plane table triangulation was executed in Puget Bay, the stations controlling same were Δ Start, Cape and Mid, which were located by triangulation. The plane table was used exclusively on this sheet.

Remarks:- The shore line from \odot Pin on the west side of Port Bainbridge to Δ Brid, on the same side, was surveyed by E. H. Kirsch, Aid.

Respectfully submitted,

Augustus P. Ratti

Augustus P. Ratti
H & G Eng., C & G Survey

*Approved
R. P. Lukens*

Examined and found adequate. The authority for the names shown in pencil on the sheet should have been given in the descriptive report.

E. P. Ellis

Mar. 19, 1928

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

C. & G. SURVEY
L. & A.
JAN 24 1928
Acc. No.

REG. NO.

4309

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. K

REGISTER NO. 4309

State S. W. Alaska

General locality Prince William Sound

Locality Port Bainbridge, W. Shore and Puget Bay

Scale 1:20,000 Date of survey June - July, 1927

Vessel Str. SURVEYOR

Chief of Party R. R. Lukens.

Surveyed by A. P. Ratti and E. H. Kirsch

Inked by A. P. Ratti

Heights in feet above H. W. to ground ~~xxxxxx~~

~~Contour interval 100 feet~~ Form line interval 100 feet

Instructions dated February 3rd, 1927

Remarks: _____