



3419

C. & G. SURVEY,  
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Department of Commerce and Labor  
COAST AND GEODETIC SURVEY

\_\_\_\_\_  
Superintendent.

State: \_\_\_\_\_

DESCRIPTIVE REPORT.

*Top* Sheet No. *3419*

LOCALITY:

191

CHIEF OF PARTY:

11-4645

3419

Descriptive Report to accompany Topographic Sheet# 3419

This sheet shows the shore line in the vicinity of Swanson Harbor, Icy Strait, S.E. Alaska. It is a planetable survey on 1-20 000 scale, and not connected with any triangulation. The shore line is perceptibly different from that shown on the chart, more so beyond Point Couverden. Wherever the shoreline is shown as rocky bluff, the bluff is from 10 to 20 feet high, the remainder of the shore being rocky beach. The vegetation is fir and under brush and grass as shown on sheet.

At the northern end of Ansley Island is the frame work for what appears to be a foundation for a cannery. It is a stable structure and at low water it is probably dry on the spit that makes out off this point. Off the southern end of Entrance Is. is a fish trap, the end of which was located and the remainder sketched in.

There is no water (fresh) of much value, the two streams that enter the harbor being colored a reddish tint by the vegetation. Small fishing boats would use the vicinity of Obow as an anchorage. Most of the shacks shown on the sheet were not occupied. The elevations given are to the ground level and the higher one the elevation of the tree tops, which are also materially different from those given on the chart.

The shoreline as shown on this sheet was carefully rodged in and any differences from between this and that given on the chart is more apt to be error of chart.

Respectfully submitted  
Harry Leyboldt  
and C. J. S.



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Department of Commerce and Labor  
COAST AND GEODETIC SURVEY

*O. Pittman*  
Superintendent.

State: *Alaska*

DESCRIPTIVE REPORT.

*Top.* *3419*  
Sheet No. *3419*

LOCALITY:

*Swanson Harbor,*  
*Ley Strait,*  
*Alaska*

191

CHIEF OF PARTY:

11-4645

3419

## Department of Commerce and Labor

## COAST AND GEODETIC SURVEY

Washington, 12 27, 1913

Respectfully { returned  
referred } to  
11-683 { forwarded }

Acad. in Charge

When descriptions return  
be filed with the  
description reports  
and by day inspection  
reports. Done

Page No. 3419.

DESCRIPTION OF HYDROGRAPHIC SIGNALS

SWANSON HARBOR, ICY STRAITS,

ALASKA.

----- 0 -----

Only two signals are marked. All signals located by a plane-table traverse, and the light on Rocky Island cut in is the only connection with triangulation.

SIGNAL CAN: A small pole signal on the north end of Couverden Island, unmarked.

SIGNAL ENT: A whitewash on boulder on the north side of Entrance Island, is unmarked and is not prominent; but is on the highest point of the most northerly rock on Entrance Island.

SIGNAL ART: Whitewashed a white boulder 2-1/2 X 2-1/2 feet and set a flag pole on top securing same with boulders, unmarked.

SIGNAL DYKE: South side of Couverden Island, whitewashed face of slate rock at a point. A lone tree stands some 10 meters clear of the woods, and 10 meters inshore of the rock. Marked the signal by a 4 inch T in the perpendicular surface of the rock, and six feet above high water. An outcrop of a brownish yellow dyke is just below the high water mark in front of the signal.

SIGNAL DEN: A pole signal built of beach lumber on the southern point of Couverden Island. Is built on a flat portion of slate rock some 10 feet above high water and some 40 meters clear of the trees. Several large boulders are piled on top of rocks back of the signal. Signal is marked by a sopper bolt 3/2" in diameter and lettered



Signal Den Cont'd.

Reference Marks were established as follows:

R.M. No. 1, a blazed triangle with apex down on the off-shore side of a tree. A triangle of tacks with apex up in the blaze. R.M. No. 1, is distant 53.5 feet from the signal and  $149^{\circ}$  to the left of the light on Rocky Island.

R. M. No. 2, a blazed triangle with apex up, and inside a triangle of tacks with apex down. Distant 47 feet from the signal and  $19-1/2^{\circ}$  to the left of R.M., No. 1.

SIGNAL CHESS: A braced pole signal on the south side of Entrance Island, unmarked. Is built over a white boulder some  $2-1/2'$  x  $2-1/2'$  in diameter and about 30 meters inshore of a white boulder 8 feet high and with a black pointed top. The signal is some 10 meters from slate rock and near the high water mark.

DESCRIPTION OF HYDROGRAPHIC SIGNALS -- HIDDEN INLET, ALASKA.

1913.  
Pip. On southerly of two small islands just south of cannery bight. It is a single scantling mast covered with white signal cloth entire length, and braced with two scantlings, a sapling, and rocks. There is a three foot black flag at the top with a three foot white flag underneath. It is placed on the ledge on the easterly side of the island, about twenty feet from the perpendicular ledge about halfway between the ledge and H.H.W. and above the latter, toward the most easterly point of the island. Old Pip not recovered.
- 1913  
Lid. A nine foot flag nailed to a tree on the northerly point of Cannery Cove-- the tree trunk whitewashed.
1913.  
Yap. A square target 10 feet above high water 250 meters SW of signal Lid.
- Gull. A nine foot banner three feet wide stretched between two trees. 200 meters SW of signal Pip.
- Bill. A ten foot vertical flag with a five foot horizontal banner across its base, just at the entrance to Hidden Inlet, on the northerly side.
- Tree. Cloth wrapped around tree trunk with a four foot white flag at the top. On S'y side of entrance to Hidden Inlet, 50 meters W of Bill.
- Dash. 250 meters S of Tree and about 1/3 mile north of cannery It is a white banner stretched between two trees. It is about fifteen feet above H.W.
- Geat. A six foot square white target 30 ft. above H.W. 1/4 mile north of cannery.
- Dock. A banner 8 ft. by 3 ft. , four feet above H.W., 100 meters north of cannery.
- Pile White cloth wrapped around three piles set to SE of cannery 150 meters north of S'y side of cove, 300 meters to eastward of group of huts.

Note: Name of stations of original Survey recovered.

C. G. Q.