

4143

Form 504
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
State: <del>SW</del> Alaska
11-5613
DESCRIPTIVE REPORT.
Topo. Sheet No. 4143 L
LOCALITY:
Alaska Pen.
Sarana I. and Vic.
1925
CHIEF OF PARTY:
R. F. Luce

## DESCRIPTIVE REPORT

To accompany Topographic sheet "H"

Iliasik Island to Dolgoi Island.

Survey made under Directors orders March 20, 1925.

### DOLGOI ISLAND

Triangulation station Entrance was first recovered and a signal built. Then banners and white wash signals were placed at Bad, Nel, Pil, Dal, Ted, and Fing. These stations were then occupied in turn with a sextant and located by fixes taken to triangulation stations Church, Lite, Outer, Hunter, and Rock 2. Cuts were also taken from each signal occupied to all the others in sight. In addition, intersection cuts were taken from the launch anchored in several positions off shore.

As the topography had been previously executed no attempt was made to sketch in the shore line.

Signal Bal found on the boat sheet was located from the launch by sextant cuts while the hydrography was in progress.

\* This station in error 120m. See Rev., H-6591 (1940) for affected sheets. H.W.M. 6/17/41

### OUTER ILLIASIK ISLAND

Starting at station Sum the signals Red, Pil, Nel, Gas, Mis were run in by plane table traverse. Cuts were taken to a patch of breakers about .8 mile west of Sum, to the reef .5 mile west of Pil and to the two rocks marked Big and Little Brother. As the topography of this section had already been executed no attempt was made to locate the shoreline.

The area between signal Pied and the beach and for half a mile to the northward along the beach is very foul with ledgerrock and boulder patches covered by only a few feet of water. The entire shoal area is marked by kelp.

### SARANA ISLAND

The topography of Sarana Island was executed by Mr. Morton. Station Sar had already been located. by triangulation cuts and, at the time the topography was done, station Ran was occupied with a 7" Berger, thus assuring a check on location and orientation. The shore line was run in by plane table traverse and the off lying rocks located by cuts.

The beachline of the island is very narrow and composed principally of irregular blocks of rock which fact makes it a very difficult place on which to land. The entire south and southeast sides of the island are faced with sheer cliffs averaging 30 or more feet in height. The north side is slightly less precipitous the cliffs being only 10 to 20 feet in height. The entire surface of the island above the cliffs is covered with coarse grass.

The area to the eastward and south westward appears to be foul and is marked by kelp.

ANCHORAGES

None recommended.

LANDMARKS

The hill marked by station Sar is 135 feet in height and rounded in shape.

CURRENTS.

Apparent ly only tidal.

Sheet inspected by Comdg. Officer Aug. 22 & 25, 1925.

*R. H. Lee*  
Comdg. Officer.

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

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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. 4143 L

State Alaska

General locality Alaska Peninsula

Locality Sarana I. and Vicinity  
~~Iliasik Island to Delgoi Island~~

Chief of party R. F. Luce

Surveyed by E. P. Merton and S. B. Grennell

Date of survey August 1925

Scale 1 - 20,000

Heights in feet above High water

~~Form Line~~  
Contour interval 100 feet.

Inked by S. B. Grennell Lettered by S. B. G.

Records accompanying sheet (check those forwarded): Photographs,

Descriptive report, Horizontal angle books, Field computations,

Data from other sources affecting sheet

Remarks: *Recommend approval of sheet, Aug. 29, 1925.*

*R. F. Luce*  
Comdg. Officer.