

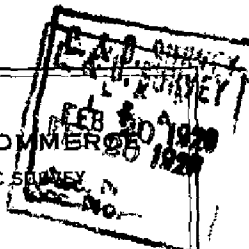
3782



Form 504

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY



State: *Alaska*

11-5813

DESCRIPTIVE REPORT.

Topo. Sheet No. *3782*

LOCALITY:

S. W. Alaska

West Side of Shelikof Strait

Vicinity of Cape Nekumoi

1
20000

1919

CHIEF OF PARTY:

Hardy, J. H.

3782

DESCRIPTIVE REPORT

To accompany Topographic Sheet No. 2.3782

To the Superintendent-

Under your instructions of May 16, 1919, a survey was made of the shoreline around Cape Kekurnoi, S.W. Alaska, by the triangulation observing party which occupied station KEKURNOI in September 1919; the days not suitable for observing being used for topographic work.

Locality-

The sheet embraces the shoreline around Cape Kekurnoi, between Alinchak Bay and Cold Bay, a distance of about five miles.

Control- - Methods-

The ^{work} was done before the geodetic positions of the stations used were computed, therefore no projection could be used.

With an initial position at triangulation station KEKURNOI, and an assumed orientation, traverses were run along shore in both directions. Direction lines were drawn to stations KUBUGAKLI, and KARLUK. The only check on the traverse was by resection on the initial position. Four peaks on the cape, estimated elevations 1500 to 1800 feet were cut in during the progress of the work.

General-

A steep bluff, varying in height from 50 to 100 feet, increasing in height toward the southwest point, runs along shore, and is fringed with numerous rocks, mostly close inshore, and awash at various stages of tide.

Behind the bluffs the country is rolling, with the low bare hills interspersed with swampy areas and numerous small streams. In the sheltered ravines along the streams is a thick growth of grass and bushes.

About a mile back from the shoreline is the first range of hills, running in a general northeast and southwest direction.

Off the northern point, in Alinchak Bay, is a low island, and a long reef shows just south of it, awash at about half tide, which appears to run in a general northwest and southeast direction.

Off the southwest point a large group of rocky islands and ledges extends to the south and southwest, dotting the northerly part of the entrance to Cold Bay?

It was not possible to locate the islands off the southwest ^{point} without the use of a boat, which was not available during the progress of the work.

Respectfully submitted,

F. H. Hardy,
Hyd. and Geod. Eng'r.
Chief of Party.

STATISTICS SHEET

Date 1919	Latter	Volume	Positions	Soundings	Statute Miles	Vessel
August 5	A	1	33	52	123	SURVEYOR
" 6	B	1	0	24	52	"
" 8	C	1	0	22	103	"
" 13	D	1	16	48	30	"
" 16	a	2	9	9	6.3	"
" 20	b	2	20	20	21	"
" 23	c	2	51	51	58	"
Sept. 2	d	2	45	45	32.7	"
" 6	e	2	27	27	32	"
TOTAL			201	298	458	

AND REFER TO NO. 9-~~FG~~

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
WASHINGTON

SECTION OF FIELD RECORDS.

Report on topographic Sheet 3782.

Surveyed in 1919.

Chief of Party: F. H. Hardy.

Surveyed by R. R. Moore.

Drawn by R. R. Moore.

1. The records of this survey as contained in the descriptive report conform to the General Instructions.
2. The plan and character of the survey fulfills the requirements of the General Instructions, except that the magnetic meridian is not shown. Marks with the distance separating them should have been made on the sheet. By this means the scale of the survey could be checked. The descriptive report should have given some description of the region in the interior, and information as to the extent that the locality is settled.
3. The omission of form lines and elevations and other topographic details prevent the survey being considered as fully satisfying the specific instructions. Nevertheless, the survey will be useful, as far as it goes, for charting purposes.
4. The projection was drawn in the office.
5. The shoreline appears to be well executed, but additional topographic details of the interior should be supplied when opportunity offers.
6. Rating of the work: Character and scope of the surveying: Fair.
Field drafting (quality): Excellent.
7. Reviewed by E. P. Ellis, October 11, 1920.
8. Two copies of this report to be sent to Division of Hydrography and Topography.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

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. 3782

State Alaska
General locality S.W. Alaska, West side of Shelikof Strait.
Locality Vicinity of Cape Kekurnoi.
Chief of party F.H. Hardy.
Surveyed by R.R. Moore.
Date of survey September, 1919.
Scale 1 to 20,000
Heights in feet above
Contour interval feet.
Inked by R.R. Moore . . Lettered by RR. Moore.
Records accompanying sheet (check those forwarded): Photographs,
☒ Descriptive report, Horizontal angle books, Field computations,
Data from other sources affecting sheet

Remarks: