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Department of Commerce and Labor
COAST AND GEODETIC SURVEY

Superintendent.

State: Alaska

DESCRIPTIVE REPORT.

Top Sheet No. 3399

LOCALITY:

Kuskokwim Bay

1913

CHIEF OF PARTY:

Hardy & Smith

511-1045

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COAST AND GEODETIC SURVEY

O. H. TITTMANN, SUPERINTENDENT.

TOPOGRAPHIC SHEET NO. "A".

KUSKOKWIM BAY, ALASKA.

LATITUDE 59 18 TO 59 46

LONGITUDE 161 34 TO 162 18.

TOPOGRAPHY BY E. E. SMITH, ASSISTANT.

INKED BY TOPOGRAPHER.

AUGUST 1913

F. H. HARDY ASSISTANT, CHIEF OF PARTY.

COMMANDING STR. YUKON.

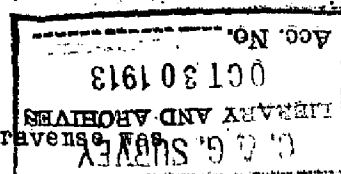
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DEPARTMENT OF COMMERCE.

COAST AND GEODETIC SURVEY.

Descriptive report to accompany Topographic Sheet No. A

Kuskokwim Bay, Alaska.



Beginning at Station Jack Smith No. 1 a plane table traverse was carried along the beach to Quinhagak. After triangulation was finished the shore line was adjusted to it. The contour interval is 100 feet, great freedom being used in sketching.

The country near the shore is very flat tundra, spotted with many small lakes. Further back the range of hills runs in an approximately straight line terminating in the hill whose highest point forms Station Last. East of this range but off of the sheet are other ranges terminating in a line bearing approximate N.E. (Mag.) from Last. But thirty or forty miles inland another range passes far North of this line terminating in the peak known as Signal End, as shown on another sheet. And all the way back to these hills is flat tundra as described.

Northward from Jack Smith Bay a wide mud flat bares at low tide. Except in Jack Smith Bay, there is a sand beach next to the high water mark.

The stream of chief importance is the Kanektok River at whose mouth is found Quinhagak, but only pulling boats can enter here at high water, neap tides. Launches can enter at high water spring tides and at low tide find plenty of water, once they are inside. Arolic Creek presents a feature of interest in the fact that it divides several miles inland seeking the sea through two mouths. The North mouth is wider but the South one is deeper, perhaps a fathom after getting into the creek proper. On Butte Creek are some placer claims which are at present yielding pay. Supplies reach

these claims by way of Arolio Creek. Qinhagak boasts of a store, a church and a school in connection with a Moravian Mission. It is also a post office . There are about a hundred people, native, living in a row of small log houses and barabaras on the bank of the stream just North of the church, but the houses are not shown on account of their size and closeness and the scale of the sheet. The houses shown are those pertaining to the mission. The mission, as well as the Government, have herds of reindeer in this vicinity which feed on reindeer moss, a short gray moss about as crisp and dry as shredded wheat but which desolves in the mouth more quickly and would probably make as good breakfast food if given the advantages of cream and sugar.

When seen from the Southward Signal Last shows as a very low hill at the end of the range. A photograph made from Carter Spit, though poor, gives the outline of the hills as seen from this direction. On the west slope of the hill whose peak is Signal Sharp there are some gullies in which snow remains till about the middle of the summer. They form the Roman number four. This landmark is often referred to by people in this vicinity as Figure Four (IV) Mountain. When the light is favorable it may be seen after the snow has disappeared from it. Twin Mountain, the Southernmost one sketched on this sheet, is an easily recognized landmark.

Respectfully

E. E. Smith
Asst.

Respectfully submitted
J. H. Hardy
Asst C. G. S.

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List of Positions to Accompany Topographic Sheet No. 3399

Signal	Latitude	Met.	Longitude	Met.	Remarks.
Need	59 25	67	161 47	824	Highest point small hill.

Other permanent objects located by triangulation.

lost

Sharp

North Twin
South Twin

Cone

Cot

Tooth

low

From Carter