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

Superintendent.

State: *Alaska*

DESCRIPTIVE REPORT.

Hope, Sheet No. *3234*

LOCALITY:

Cook Inlet - West Shore
Harriet Pt. to Chisik Pt.

1901

CHIEF OF PARTY:

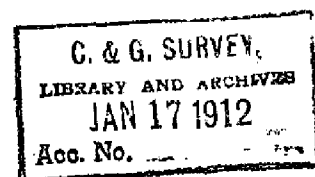
C. J. Sullivan

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Harriet Point to Chisik Island.

Scale 1-40,000.



This sheet joins at Harriet Point with the work in 1911 by Asst F. H. Hardy, Comdg Str Yukon and at the southern end joins on to the McArthur's 1-20,000 sheet called Tuxedni Harbor sheet and at signal Dot joins a 1-40,000 sketch sheet which shows the extension of the arm of Tuxedni Harbor some ten miles inland.

Character of Coast line.

From Harriet Point southward to Redoubt Point a clay or conglomerate bank, exposed and crumbling in most places, fronts directly on the water and a wide area of glacial boulders lie off shore for a half a mile. At signal Key there is a low and unobscured point with glacial rocks some distance off shore.

The fish trap (Known locally as Polly Trap) and ~~to~~ southward 1/2 mile was reported clear of boulders *with* and sandy bottom extending to the beach. The beach itself however is a mass of large boulders and landing in a surf is out of the question.

Southward of Redoubt Point (so called by the surveying party because of the location of signal Redoubt at this place) the shore line is a long sand beach extending into the northern entrance to Tuxedni Harbor with here and there a low bluff at the high water line and many large detached boulders are exposed at low water. A valley extends for a good many miles into the hilly country westward of this flat.

Prominent Objects.

Harriet Point is about 100 ft high with bare clay side and numerous boulders at the water line.

Redoubt Point is not prominent, it is about 2 to 300 ft high mostly overgrown with grass and alders and a few bare spots show.

Signal Wood and Woodchuck Island are not particular prominent.

The hills are not very prominent. Hill A is more so than the others and is a brown peak. Smooth Hill has so large a surface that it is not prominent and the bluff shown is far from remarkable.

Redoubt Volcano does not show on this sheet but it overshadows and dwarfs all the foot hills and with Iliamna Volcano to the southward and Mount Spurr to the northward commands the eye of all beholders anywhere in the vicinity.

Methods of execution of topography.

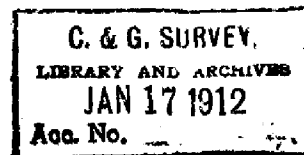
Signals had previously been established at Harriet Point and the summit of Chisik Island located. The last however was indefinite. The signals along the shore were cut in from the ship and checked by Plane table Traverse.

Signal Wood was located by a single triangle and the shoreline from Wood and Redoubt adjusted to fit the geographical position.

W. G. Bennett

3234

Top 3234



Department of Commerce and Labor

Coast and Geodetic Survey

O. H. Tittmann, Supt.

Western Shore of Cook Inlet, Alaska

HARRIET POINT to CHISIK ISLAND

Scale 1-40,000.

A plane table survey by Paul M. Trueblood, Asst.

1911.

C. & G. S. Str. "McARTHUR",

C. G. Quillian,

Asst. C. & G. Survey,

Chief of Party.

Inked by P. M. Trueblood, Asst.

Sketch of

(28 Naut. Miles)

324 statute miles

Harriet Peak & Chain Id. Chart

Harriet Peak & Chain Id. Chart scale 1/40000

Top. 3234.

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Station	Latitude	Longitude
	° ' m.	° ' m.
Bear	60 16 731	152 22 50
Big	60 15 1304	152 30 854
Boulder	60 21 467	152 19 667
Butte	60 20 15	152 23 164
Cap	60 14 1634	152 32 352
Fall	60 18 1722	152 23 409
Hill A		
" B		
" C		
Indian	60 16 1398	152 28 132
June	60 22 763	152 17 283
Key	60 21 881	152 19 11
May	60 17 1432	152 24 364
Med	60 16 1852	152 26 163
N. Bluff		
Ole	60 22 1849	152 15 822
Pile	60 18 965	152 23 373
Sharp Peak		
Spruce	60 21 457	152 21 686
Wash	60 17 720	152 24 665

Determined by hydrographic party.

Determined by hydrographic party.

Determined by hydrographic party.

Computed.

For description of stations see book "Description of Stations"