

Form 504
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

State: *Alaska*

11-5613

DESCRIPTIVE REPORT.

Topo. Sheet No. *3717*

LOCALITY:

Keete Inlet -

Southeastern Alaska.

Cordova Bay

1918

CHIEF OF PARTY:

John W. Maupin

3717

DESCRIPTIVE REPORT.

To accompany Topographic sheet No. ~~3717~~

Keete Inlet - Southeastern Alaska.

Instructions dated July 2, 1918

John W. Maupin, Chief of Party.

(1) GENERAL DESCRIPTION.

Keete Inlet is on the south end of Prince of Wales Island, between Nutka and Haggiah Inlets. It is about five miles long, extending about three miles in an easterly direction, then two miles to the northward. The shores are bold and steep, and it is comparatively free from dangers. The surrounding mountains are heavily wooded and range from one to two thousand feet in elevation.

(2) ISLANDS.

A small wooded island, about 150 feet in elevation lies about one quarter of a mile off shore on the south side of the entrance to Keete Inlet, and a small rounded bare rock lies about 130 yards out (N.W. true) from this island. A long wooded island, about 160 feet in elevation, lies close to the south shore about half way between the entrance and the north bend of Keete Inlet. At the crook of the arm of the inlet, on the north side, a small round wooded island, about 145 feet in elevation, lies about two hundred yards off shore. In the center of the entrance to a large bite which forms the elbow of the inlet, a low shale island is located about 4 feet above H.W. and a small wooded island, about 25 feet in elevation, lies two thirds the distance in a N.E. direction from the low island to shore. There are a number of other small islands and rocks in Keete Inlet which are located close to shore and of no importance.

(3) REEFS AND SHOALS.

There are two dangerous shoals in Keete Inlet. The first is about six hundred yards north of the wooded island, on the north side of the entrance, having a diameter of about one hundred yards, and a least depth of about 5 feet at low water. The other is a smaller shoal, which bares at half tide, lying about 900 yards north of the island which is close to the south shore and half way between the entrance and the north bend of the inlet.

(4) ANCHORAGES.

Vessels may anchor in most any part of the clear bay of Keete Inlet. The anchorages at the head of the north arm are generally used, where a depth of 10 fathoms without bottom is found. During heavy southerly weather small vessels usually shift to a small bite on the south side of the bend of the inlet.

(5) CONTROL AND METHODS.

The topographic survey of Keete Inlet is controlled by a scheme of triangulation brought in from Cordova Bay. This scheme extends about half way up the north arm. The head of the north arm, for about one mile, is controlled by plane table triangulation. Points are frequent and so located that additional signals may be located with ease. The methods used were those generally in use by plane table parties. Frequent use was made of the three point problem. The work is considered quite accurate.

(6) GENERAL REMARKS.

The currents are not strong and set fair with the channel. Southerly winds sometimes draw through the north arm with more or less force. Fresh water is abundant and there are many small mountain streams. There is a small copper mine shaft on shore near the head of the north arm. A recommended track for vessels entering Keete Inlet is indicated in dash lines on the topographic sheet. From the topographic sheet, herein described, it will be seen that Keete Inlet extends about double the distance inland as shown on the old chart #3100.

Respectfully submitted,

John W. Maynard,
H. & G. E. U. S. C. & G. S.

Planimeter Positions.

To accompany Topographic sheet No. 3717, Keete Inlet, Southeastern Alaska.

Object & description	Latitude	D. M.	Longitude	D. P.	Height	Remarks.
Top, topographic Sta.	55-02	Feet. 28	132-28	Feet. 983	Feet. 0	Iron bolt.
Hlt,	"	55-04	132-29	430	0	Copper bolt
Loy,	"	55-04	132-29	100	0	Iron bolt
Rip,	"	55-03	132-29	364	0	Copper bolt.
Oak,	"	55-03	132-29	814	0	"
Back,	"	55-03	132-28	760	0	"
Dim,	"	55-02	132-31	510	0	"
See,	"	55-02	132-32	213	0	"
Hun,	"	55-03	132-31	495	4	"

H A G E, U S C & G Survey.

John W. Maupin

