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Survey

Department of Commerce and Labor
COAST AND GEODETIC SURVEY

ALASKAN BOUNDARY SURVEY

O. H. Tittmann, Commissioner.

U. S. C. & G. SURVEY
Reg. No.

Descriptive Report

OPERATION

Stadia Traverse, West Mouth
Alsek River to Ocean Cape
4 Sheets.

LOCALITY

INSTRUMENT

1906

CHIEF OF PARTY

Fremont Morse

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ALASKA BOUNDARY SURVEY.

STADIA TRAVERSE, WEST MOUTH OF ALSEK RIVER TO OCEAN CAPE.4 SHEETS

This traverse is controlled by the main triangulation scheme of the Alaska Boundary Survey supplemented by additional triangulation and three point locations.

The shore line between control points was run by transit and stadia and frequent points located and marked for future reference.

Plotting is done on the scale of I:20,000.

Mean high water mark is indicated on the sheets.

The contour interval is ten feet but the topography indicated is only approximate and is intended only to bring out the main features.

In the stretch from the Italio River to Ocean Cape an attempt was made to show the mean high water mark of inland waters as well as the inside "Water and land" route.

The island between the the West mouth of the Alsek River and the Ko-ko-he-ni river is flat and sandy and subject to overflow by very high tides.

To the Italio River spit the land is higher with timber approaching near to the ~~bank~~ shore.

From the Italio River to the AHRN-Klin River the shore is low and sandy and subject to overflow by very high tides.

From the Ahrn-Klin River to Ocean Cape a line of low timbered hills runs along the shore, back of which the country is generally marshy

RIVERS.

Alsek River at flood tide has a narrow changing channel carrying about ten feet of water.

Ko-ko-he-ni River is shallow and full of quick sands.

Ah-Quay River is fairly deep with rough outer bar.

Italio River has about I2 feet of water at flood tide for about half a mile.

Dangerous River is wide and deep at mouth but a mile further up is shallow, full of quick sands and snags.

The Ahrn-Klin River is navigable for a mile or two for small craft. A navigable slough at high tide around Black Sand Island c connects this river with the See-Tuck River.

The See-Tuck River is navigable for small craft at high tide from the mouth to the end of the railroad running from the Yakutat cannery.

The Ankau River flows both ways from the middle lake of a chain of three lakes. One mouth is in the coast and the other in Yakutat Bay.