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DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

State: _____

11-8013

DESCRIPTIVE REPORT.

Yup. Sheet No. 3550

LOCALITY:

191

CHIEF OF PARTY:

3550

Coast and Geodetic Survey,

E. Lester Jones, Superintendent,

A Descriptive Report to Accompany Topographic Sheet ~~3550~~ 3550

Portillo Channel,

West Coast of Prince of Wales Island,

S. E. Alaska.

September - October 1915.

By Party on Steamer "GEDNEY"

F. H. Hardy, Assistant,
Chief of Party.

Limits; Scale; Methods; Control:

This sheet joins on the south end with sheet "C", Port
Real Marina.

The scale is 1:10,000

The plane table was employed exclusively.

The triangulation stations of 1907 were recovered and furnished excellent control. A short traverse was carried beyond Guraon the south end, and beyond Port on the north end.

The work was done by Mr. A. M. Sobieralski, Mr. Mattison, did the contouring of the southern part of the sheet.

All elevations are to top of trees.

Description of shore:

The shores of Portillo Channel are densely wooded to the high water line. The country is very hilly and irregular. The hills are all rounded, and inconspicuous, making it difficult to follow the various ridges and valley. The northern part of San Fernando

Island is especially featureless, there being no hill over 200 feet in height within the limits of the sheet.

The eastern shore of the southern part of Portillo Channel is rocky and steep to.

The western shore from Reef Pt. southward is very shoal, with many boulders, some of which are only at extreme low water scattered about. A gravel spit connects the islets with the shore. The outermost of these islets is bare, about 6 feet high. Off Reef Point are several rocks, the outermost one covering at extreme high water.

Reef Point is not conspicuous. Clam Island is wooded, about 108 feet high. The passage to the eastward of it is shoal, and a number of rocks and islets extend to the northward.

The rocks about 1/2 mile west of Clam Island are bare, about 8 feet high.

The islet near Δ Til is wooded about 90 ft. high and is a conspicuous landmark from the southward.

Snail Pt. is conspicuous, about 80 feet high and wooded.

The gravel spit on the west shore, west of Snail Pt. is conspicuous from the southward.

The islets in the middle of the northern part of the channel are low and bare.

The Island near Δ Port is wooded. There are three dangerous reefs to the northward which bare at about 1/2 tide, but break when there is any swell running.

Approved and Forwarded,

J. H. Stanley
Assistant, C. & G. Survey.

Respectfully Submitted,

A. M. Solieralski
Assistant, C. & G. Survey,