Form 594
DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

State: ____________________________

DESCRIPTIVE REPORT.

Sheet No. 3548

LOCALITY:

CHIEF OF PARTY:
DESCRIPTIVE REPORT

TO ACCOMPANY TOPOGRAPHIC SHEET No. 3848

OF

MARY ISLAND AND POINT ALAVA, ALASKA.

WORK DONE UNDER INSTRUCTIONS FROM THE SUPERINTENDENT

DATED MARCH 24, AND APRIL 30, 1915

SEASON 1915

PARTY OF STEAMER McARTHUR

ASSISTANT C. G. QUILLIAN

Chief of Party.

Topography by R. E. C. Briggs, Aid.

and

S. Davis Winship, Aid.
This sheet shows, on a 1/30000 scale, the east shore of Mary Island and the north point of Revillagigedo Island. The limits of the sheet are from latitude 55° 00' to 55° 14' and from longitude 131° 00' to 131° 21'.

GENERAL DESCRIPTION

Mary Island is low and very thickly wooded, with a broken shoreline and numerous offlying rocks and reefs, especially on the south end. The portion shown on this sheet has a general north and south trend and a succession of alternate small coves and steep points. The shores on the east side are considerably steeper than elsewhere, and there is little low water area. The trees come close to the edges of the bluffs, which rise in places to a height of 25 feet above H.W.

Point Alava is rugged and steep, hills 1000 feet in height rising abruptly from the water. It is thickly covered with trees to the tops of the bluffs which rise in places to a sheer height of 40 feet. The shoreline is somewhat broken by small coves, but, except one small group of islets lying 400 metres from shore, there are no cutlying menaces to navigation.

DETIALED DESCRIPTION

There are no rocks far enough off the east shore of Mary Island to be dangerous to navigation. The small island off the southeast point Mary Island on which 6 Mar is located, is thickly wooded, has steep shores, and shows prominently from the southwest. It is surrounded by reefs, and a small rocky islet shows 6 feet above H.W., 200 metres NNE true. One and one-half miles true north from this island is another small densely wooded island 600 metres off shore. The shores of this island are steep and there is apparently deep water all around it.

All the coves open to the southeast and there are no good anchorages.

Three quarters of a mile SSW of Mary Island Lighthouse is a very prominent point about 50 feet high, which has been cleared of trees to render the light visible from the south. The lighthouse itself, about 60 feet high, is upon a low grassy point.
DEScriptive report to accompany
topographic sheet no. 3848 of
Mary Island and Point alava, Alaska.

With the exception of a few rocks within two or three hundred metres from shore, and the group of islands already mentioned, on which is located C Alava, Point Alava is apparently free from any dangers to navigation. All the coves open to the southeast and there are no good anchorages.

Survey methods.

The regulation outfit of the Coast Survey, including Plane Table, Alidade, and Telemeter Rods, was used for this survey. The projection was made and triangulation stations plotted before the topography was done. The locations on the Mary Island shore were by three point fix, using triangulation stations on the opposite shore. The same methods were used on the Point Alava shore.

The east shore of Mary Island was run by R.C. Briggs, Aid, and the Point Alava shore was run by S. Davis Winship, Aid.

Respectfully submitted,

R. C. Briggs
Aid.

S. Davis Winship
Aid.
PLANE TABLE POSITIONS

TO ACCOMPANY TOPOGRAPHIC SHEET No.____

MARY ISLAND and POINT ALAVA, ALASKA.

<table>
<thead>
<tr>
<th>LAT.</th>
<th>D.M.</th>
<th>LONG.</th>
<th>D.P.</th>
<th>FT. ABOVE</th>
<th>HEIGHT IN</th>
<th>REMARKS</th>
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<td>638</td>
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