

4039

4039

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

State: S.E. Alaska

11-5613

DESCRIPTIVE REPORT.

Topog. Sheet No. 4039

LOCALITY:

Chatham Strait

Hazy Islands

23
1918

CHIEF OF PARTY:

T. J. Maher

DESCRIPTIVE REPORT

to accompany Topographic Sheet of Hazy Islands, S.E. Alaska.

General Description Of Islands.

There are five distinct rocky islands which make up the Hazy group, extending over a distance of $2 \frac{1}{4}$ miles in a North Westerly and South-Easterly direction. Between the three North-Westerly islands and the two South-Easterly islands there is an expanse of one and one-quarter miles of apparently clear water.

North Hazy has three definite peaks. The highest of these, (161 feet in elevation) on which Δ Hazy is located, is partly covered with grass. North by East of Δ Hazy is a small rocky Knob 113 feet in elevation. South of Δ Hazy is a peak 108 feet in elevation.

West Hazy consists of two small jagged rocks which are connected at low water but always appear as one island with two summits. Elevation of western summit is 88 feet; of the other approximately 50 feet.

Big Hazy, the most conspicuous of all the Hazy group, is a large dome shaped rock 258 feet in elevation, sheer on all sides and covered with scattered tufts of grass and moss. Δ Big is located on the summit of this island.

East Hazy has two grassy knolls 52 feet and 67 feet in height. On the summit of the highest knoll Δ Dome is located. From the East both knolls appear as one. Southwest of Δ Dome and in range with Δ Reef, on East Hazy, is a very sharp pillar shaped peak with an elevation of 58 feet. Southeast of East Hazy are two small outlying rocks about twelve feet in elevation.

South Hazy is a very low rocky reef averaging in elevation from ten feet on the North end to 25 feet on the South. Δ Reef is located about the middle of this island.

BREAKERS AND OFFLYING ROCKS.

215 meters S 65° 30' West(true) of Δ Big is a small rock that bears at $3/4$ tide.

177 meters and 189 meters S 75° W (true) of Δ Big are two small offlying rocks about ten feet in elevation which are connected at low tide.

250 meters N 18° W (true) of Δ Big is a small rock about 10 feet in elevation.

165 meters N 22° E (true) of Δ Big is the largest of four small offlying rocks, varying in elevation from 4 to 8 feet.

268 meters N 59° E (true) of Δ Dome a small breaker marked by kelp bares at half tide.

S 45° E (true) of Δ Dome are two small offlying rocks, in range, about ten feet in elevation, at distances 220 meters and 345 meters respectively from Dome.

448 meters S 27° E (true) of Δ Reef is a small rock on which a very light swell breaks. This rock bares at half tide.

300 meters N 38° W (true) of Δ Reef is a small rock which bares at one third tide, and on which a light swell breaks.

To the Northward of South Hazy and close inshore there are numerous small rocks which bare at various stages of the tide.

Kelp.

South Hazy is almost entirely surrounded by kelp. To the East and Northeast the kelp extends about 200 meters offshore.

East Hazy is almost entirely surrounded by kelp.

Currents.

The tidal currents are exceptionally strong around the islands causing eddies and tide rips in moderate weather.

Control.

The Topography of the Hazy Islands was done by plane table, using the triangulation signals Hazy, Big, Dome and Reef for orientation.

Respectfully submitted,

Henry E. Finnegan

Henry E. Finnegan,
Aid, C. & G.S.

*Approved.
J. H. Allen
Comd'g U.S. Survey.*

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
WASHINGTON

January 24, 1924.

SECTION OF FIELD RECORDS

Report on Topographic Sheet No. 4039

Hazy Islands, Chatham Strait

Surveyed in 1923

Instructions dated February 15, 1923.

Chief of Party, T. J. Maher.

Surveyed and inked by H. E. Finnegan.

1. The records conform to the requirements of the General Instructions.
2. The character of the survey fulfills the requirements of the General Instructions and the plan and extent of the survey satisfy the specific instructions.
3. No further surveying is required within the area of the sheet.
4. The character and scope of the surveying and field drafting are excellent.
5. Reviewed by E. P. Ellis, January, 1924.

TOPOGRAPHIC TITLE SHEET

The finished Topographic Sheet is to be accompanied by the following title sheet, filled in as completely as possible, when the sheet is forwarded to the Office.

U. S. Coast and Geodetic Survey.

Register No. 4039

State S.E. Alaska

General locality . . . Chatham Strait
~~Southeastern Alaska~~

Locality Hazy Islands

Chief of party . . . Thos. J. Maher.

Surveyed by . . . H.E. Finnegan

Date of survey . . . July 31, 1923

Scale 1:20,000

Heights in feet above M.H.W.

Contour interval . 50. . feet.

Inked by . H.E.F. . . Lettered by . H.E.F.

Records accompanying sheet (check those forwarded): Photographs,

Descriptive report, Horizontal angle books, Field computations,

Data from other sources affecting sheet

Remarks: