

4001

G. & C. SURVEY
L. & A.
FEB 23 1923
Acc. No.

Form 501
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
State: <i>A. E. Alaska</i>
11-5613
DESCRIPTIVE REPORT.
<i>Topo</i> Sheet No. <i>4001</i>
LOCALITY:
<i>Clarence Strait</i>
<i>Wiblack Point to</i>
<i>Tolstoi Island</i>
1922
CHIEF OF PARTY:
<i>A. M. Roburalski</i>

4001

DEPARTMENT OF COMMERCE

E. Lester Jones, Director.

DESCRIPTIVE REPORT

to accompany

TOPOGRAPHIC SHEET "J"

Clarence Strait: Niblack Point to Tolstoi Point.

Season of 1922
Steamer WENONAH

A. M. Sobieralski, E. & G. E.
Chief of Party.

DEPARTMENT OF COMMERCE
E. Lester Jones, Director.

DESCRIPTIVE REPORT
to accompany
TOPOGRAPHIC SHEET "J"
Clarence Strait: Niblack Point to Tolstoi Point.

Season of 1922.
Steamer WENONAH

A. M. Sobieralski, H. & G. E.
Chief of Party.

DESCRIPTIVE REPORT
to accompany
TOPOGRAPHIC SHEET " J "
Clarence Strait: Niblack Point to Tolstoi Point.

PROJECTION:

The projection for this sheet is made in the usual way. At the dividing line in the center, however, four minutes of longitude have been left out. The reason for this was to allow space for the proper contouring of both shores of Clarence Strait. This, practically, puts the work of two sheets upon a single sheet.

GENERAL DESCRIPTION:

The area covered by this sheet includes both shores of Clarence Strait. The east shore of the Strait is shown from Niblack Point, north to within a half mile of Myers Chuck where the work joins that of topographic sheet number 3627. The west shore is shown from a point approximately one mile south of Lyman Point north to Tolstoi Point.

The east shore of Clarence Strait is fairly regular, no large indentations occurring. The shore is in general steep-to. Rocks, ledges, and small rocky islets are found frequently, but usually within 200 meters of the shore.

Ship Island is a small island (120 meters by 90 meters, approximately) lying 650 meters off shore, about four and one half miles north of Niblack Point. The island has a single large tree upon it, which, from the distance gives the island the appearance of a ship. A flashing light is located on this island. Rocks and reefs extend for 260 meters to the southward of the island.

North of Ship Island, approximately two and three quarters miles distant, there is found a small rocky islet lying 430 meters off shore. There are no trees on this islet.

Approximately six miles north of Ship Island there are found two small islands, quite similar in shape and size. The closer of these islands is 180 meters off shore. The islands are connected at low tide. Rocks and ledges are found to the south of these islands for 300 meters.

A small wooded islet lies approximately 320 meters to the north west of the two islands mentioned above. This islet is 530 meters off shore. Its shores are steep-to and rocky.

The shore line from topographic sheet number 3627 was supposed to meet that of this sheet at a point to the east of this latter islet, but since a noticeable discrepancy was found, and since a triangulation station is located on the islet, the shore line was carried on to the north to the next triangulation station where the shore line from sheet # 3627 was found to be correct.

The west shore of Clarence Strait has similar characteristics to the east shore. Rocks and small islands are found in profusion close to the shore. Two large indentations occur in this shore however.

Lyman Anchorage is a bay opening to the northward approximately one mile west of Lyman Point. This bay is about one half mile wide and one half mile deep. Protection from southern winds is afforded here. A rock baring at low water is found 260 meters from the west shore and 260 meters from the south shore of the bay. This rock is marked by a bouy anchored 100 meters to the north of it. An abandoned wharf about to fall apart is located in the south east corner of the bay. From the south west corner a narrow bight extends for three-quarters of a mile to the south west. This bight offers an exceptionally fine anchorage for small craft.

Hadley is an abandoned mining town located on the southern shore of Lyman Anchorage. The buildings are in a very dilapidated condition and the wooden streets have fallen apart.

Figgins Point is a very blunt point making to the eastward approximately one mile north of Lyman Anchorage.

Windfall Harbor is located about four miles north of Hadley and is a narrow, crooked inlet extending to the south west for approximately one mile. Its entrance is obstructed by islands, reefs, and rocks. It is a poor anchorage and should be avoided by all except the smaller fishing craft.

Tolstoi Point is a prominent point lying between Clarence Strait and Tolstoi Bay. It is approximately nine miles north of Hadley. Its shores are steep and rocky. A small, low, rocky islet lies to the north of the point and close to shore. The shore line ends on this point, just at the turn into Tolstoi Bay.

Tolstoi Island is a small island lying in the entrance to Tolstoi Bay. It is approximately two miles north of Tolstoi Point. It is low, and has but five trees upon it.

Kelp was found growing profusely about all the rocks located, and quite generally along the entire shore.

Seven fish traps were located on the eastern shore of Clarence Strait during this season.

FORM LINES

Considerable effort was made to secure sufficient elevations for the correct drawing of the form lines. Where such elevations could not be obtained without unduly delaying the party, the form lines were sketched and are shown on the sheet in dotted lines.

The country is heavily wooded with the exception of the peak of Kasean Mountain and the peaks to the east of Ship Island.

NEW NAMES

Only those names found on the charts are shown on this sheet.

Respectfully submitted,

W. G. Fielder.

W. G. Fielder, Aid,
Topographer.

ADDRESS THE DIRECTOR
U. S. COAST AND GEODETIC SURVEY

AND REFER TO NO. 4-DEM

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

March 23, 1923.

SECTION OF FIELD RECORDS

Report on Topographic Sheet No. 4001

Surveyed in 1922

Instructions dated February 18, 1922.

Chief of Party, A. M. Sobieralski

Surveyed and inked by W. G. Fielder.

1. The records conform to the requirements of the General Instructions.
2. The character and extent of the survey satisfy the General Instructions and the specific instructions.
3. The field drafting prescribed by the General Instructions was completed by the field party.
4. The junctions with adjoining surveys are satisfactory.
5. No further surveying is required within the limits of the sheet.
6. The character of both the surveying and field drafting is excellent.
7. Reviewed by E. P. Ellis, March, 1923.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

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. J 4001

State . . . S. E. Alaska
General locality . . Clarence Strait
Locality ~~Clarence Strait~~; Niblack Point to Tolstoi ^{Island} Point.
Chief of party . . . A. M. Sobieralski, H. & G. E.
Surveyed by W. G. Fielder, Aid,
Date of survey . . . July, 1922
Scale 1 : 20,000
Heights in feet above Mean Sea Level
Contour interval . . 100 feet.
Inked by W. G. F. Lettered by . . W. G. F.
Records accompanying sheet (check those forwarded): Photographs,
Descriptive report, Horizontal angle books, Field computations,
Data from other sources affecting sheet

Remarks: