DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

State: SOUTHEAST ALASKA

DESCRIPTIVE REPORT.

Topographic Sheet No. 4105

Locality:

Baranof I. - SW Coast
Whale Bay - Great and Small Arms

1924

Chief of Party:
A.M. Sobieralski
DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

E. Lester Jones, Director.

DESCRIPTIVE REPORT

TOPOGRAPHIC SHEET "  "
Arms of Whale Bay, Baranof Island, S.E. Alaska
Scale 1:20,000

Season of 1924

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

JUN 27, 9:30 AM 25

U.S.S. Surveyor
DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY
E. Lester Jones, Director

DESCRIPTIVE REPORT

to accompany

TOPOGRAPHIC SHEET " "
Arms of Whale Bay, Baranof Island, S.E. Alaska
Scale 1:20,000

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Season 1924

U.S.S. Surveyor

A.M. Sobierski, R.& G.E., Chief of party.
DESCRIPTIVE REPORT

to accompany

TOPOGRAPHIC SHEET "A"
Arms of Whale Bay, Baranof Island, S.E. Alaska
Scale 1:20,000

This sheet includes the Great Arm and Small Arm of Whale Bay
with the exception of the end of the Small Arm which appears on the
Hecker Bay sheet, Topographic Sheet "F".

THE GREAT ARM.
The Great Arm is about eleven miles, running in almost a
straight line in a north-northeasterly direction. The shore line is very
bold. The hills on either side rise to an elevation of about 2500 feet.
They are heavily wooded to an elevation of about 1700 feet.

Beyond triangulation station Hood all the peaks on both sides
are a pronounced gray in color above the timber line. There are no ship
anchorages in the Great Arm in less than thirty fathoms of water.

THE SMALL ARM.
The Small Arm extends in a north-northeasterly direction
for about five and one half miles. The shores are very bold with high
hills and peaks on both sides with an average elevation of 2200 feet,
heavily wooded to an elevation of about 1700 feet. Northeast of the end
of the Small Arm all the peaks are gray. The peak at the head of the Small
Arm is a noticeable gray peak and a good landmark which can be seen.
from Whale Bay or from offshore when looking through Whale Bay.

There are no ship anchorages in the Small Arm except in deep water at the head of the Arm or north of the Makhamti Islands.

Dangers:
There are no dangers in either Arm except very close to the beach.

Respectfully submitted,

Casper M. Durgin, M.E. G.E.
SECTION OF FIELD RECORDS
Report on Topographic Sheet No. 4105
Whale Bay, Baranof Island
Surveyed in 1924.
Instructions dated February 6, 1924.

Chief of Party, A. M. Schieralski,
Surveyed by C. M. Durgin.
Inked by R. W. Knox and E. B. Roberts.

1. The records conform to the requirements of the General Instructions.

2. The plan and character of the survey conform to the requirements of the General Instructions.

3. The plan and extent of the survey satisfy the specific instructions.

4. The sheet was inked in the field. Triangulation point Take was found to be 40 meters out of position. The point has been correctly plotted and the necessary adjustment of topography has been made.

5. No further surveying is required.

6. The junctions with the adjoining sheet are satisfactory with the exception of the elevation and form lines west of A Tel which required adjustment in the office.

7. The plan and character of the surveying and field drafting are good.

8. Reviewed by E. F. Ellis, October, 1925.

* The necessary correction has been made from information furnished by Mr. Durgin

E. F. E.
Nov. 17, 1925
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. 4105

State . . . . S.E., ALASKA

General locality . BARANOF ISLAND—SW.Coast

Whale Bay—Great and Small Arms

Locality . . . . ARMS OF WHALE BAY

Chief of party . A.M. SOBERALSKE

Surveyed by . CASPER M. DURGIN

Date of survey. SEPT. 1st. to OCTOBER 4th, 1924

Scale . . . . . . 1:20,000

Heights in feet above MEAN HIGH WATER

Contour interval 100 feet.


Records accompanying sheet (check those forwarded): Photographs, Descriptive report, Horizontal angle books, Field computations, Data from other sources affecting sheet

Remarks: