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Form 504	
DEPARTMENT OF COMMERCE	
U. S. COAST AND GEODETIC SURVEY	
State: <u>SOUTHEAST</u> <u>ALASKA</u>	
11-5013	
DESCRIPTIVE REPORT.	
Topographic	Sheet No. <u>4105</u>
LOCALITY:	
<u>Baranof I. - SW Coast</u>	
<u>Whale Bay - Great and Small Arms</u>	
1924	
CHIEF OF PARTY:	
<u>A. M. Sobieralski</u>	

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

E. Lester Jones, Director.

DIRECTOR
HYDROGRAPHIC
SALES
GEODETIC

JUN 27 9 30 AM '25

DESCRIPTIVE REPORT

OFFICE

to accompany

TOPOGRAPHIC SHEET " "

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

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Season of 1924

U.S.S. Surveyor

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

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. Sobieralski, H. & G.E., Chief of party.

DESCRIPTIVE REPORT

to accompany

TOPOGRAPHIC SHEET " "

Arms of Whale Bay, Baranof Island, S.E. Alaska

Scale 1:20,000

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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 Necker 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 Makhnati Islands.

DANGERS.

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

Respectfully submitted,

Casper M. Durgin

Casper M. Durgin, H. & G.E.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

WASHINGTON October 14, 1925.

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. Sobieralski,

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 Δ Tel which required adjustment in the office. *
7. The plan and character of the surveying and field drafting are good.
8. Reviewed by E. P. Ellis, October, 1925.

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

Nov. 17, 1925

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. E 4105
4105

State . . . S.E. ALASKA

General locality . BARANOF ISLAND - SW Coast

Locality Whale Bay - Great and Small Arms
~~ARMS OF WHALE BAY~~

Chief of party . . A.M. SOBIERALSKI

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.

Inked by R.W.K. & E.B. Roberts^{ts} Lettered by R.W. Knox

Records accompanying sheet (check those forwarded): Photographs,

Descriptive report, Horizontal angle books, Field computations,

Data from other sources affecting sheet

Remarks: