

4328

Diag. Sht. No. 8252-1

<p>Form 504  DEPARTMENT OF COMMERCE  U. S. COAST AND GEODETIC SURVEY</p>	
<p>State: <u>S.E. Alaska</u></p>	
<p>11-5413</p>	
<p>DESCRIPTIVE REPORT.</p>	
Hydrog.	Sheet No. <u>4328</u>
<p>LOCALITY:</p>	
<p><u>Baranof Island</u></p>	
<p><u>New Port Walter -</u></p>	
<p><u>Port Walter</u></p>	
<p><u>(Reconnaissance)</u></p>	
<p>_____</p>	
<p>1923</p>	
<p>_____</p>	
<p>CHIEF OF PARTY:</p>	
<p><u>T.J. Maher</u></p>	

4328

DESCRIPTIVE REPORT

to accompany

Hydrographic and Topographic sheet of

New Port Walter, Baranof Island  
Southeastern Alaska - 1923.

U. S. S. SURVEYOR

Henry E. Finnegan,  
Topographer.

Thos. J. Maher  
Chief of Party.

DESCRIPTIVE REPORT

to accompany

Hydrographic and  
Topographic sheet of New Port Walter, Baranof Island,  
Southeastern Alaska - 1923.

Object of Survey.

This work was executed under instructions contained in telegram from the Director dated August 7th in reply to letter dated July 21st from the Commanding Officer, Str. Surveyor. A tracing was furnished to the owner of the dock to be used in obtaining a patent for a dock site from the U.S. Army Engineers. This survey also provided a chart which was used when the Surveyor docked at New Port Walter for the purpose of obtaining fresh water and inspecting the tide gauge.

General Description of Beach.

The beach is steep to and rocky ledge. At the head of the Bay there is a good sized fresh water stream.

Signals shown on Sheet.

A beacon was erected on the rock located 545 meters, S 30° W of the most Southerly corner of the dock and marked by a standard hydrographic mark, cemented in a crevice of the rock, on which the name (WAL) is stamped. The rock has an elevation of about 1 1/2 feet above mean high water.  
Signal On is marked by a nail set in cement in a crevice of the rock ledge.  
Signal Bo is the Northeast corner of the main part of the dock.  
Signal At is the Southeast corner of the mess house.  
Signal Nu is the Northwest corner of small red house on East shore of head of Bay.  
Signal Cor is the Southwest corner of a net drying structure on East shore of Bay.  
Signals End, Mid and Tan are not marked but were inked in on the topographic sheet for use in plotting the soundings taken in the Bay.

Control.

The topography is a detached survey made by plane table. There being no triangulation nor hydrographic stations in this vicinity, the survey is not tied into any point of which the geographic position is known.

The magnetic meridian was drawn on the sheet at signal Wal by means of the declinoire. The true meridian was constructed graphically on this sheet in the office using the magnetic variation for this locality.

Hydrography.

A few soundings were taken in the Bay and around the edge of the dock. These soundings were plotted on the topographic sheet.

Respectfully submitted

*Henry E. Finnegan*

Henry E. Finnegan  
Jr. H. & G. E.

ADDRESS THE DIRECTOR  
U. S. COAST AND GEODETIC SURVEY

AND REFER TO No. 4-DRM

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

WASHINGTON

April 28, 1924.

SECTION OF FIELD RECORDS

Report on Hydrographic Sheet No. 4328

New Port Walter, Baranof I., Alaska

Surveyed in 1923

Contains both hydrography and topography

Instructions dated August 7, 1923.

Chief of Party, T. J. Maher.

Surveyed by H. E. Finnegan.

Protracted and soundings plotted and inked by H. E. Finnegan.

Verified by G. Risegari.

1. The records conform to the requirements of the General Instructions.
2. This survey is a reconnaissance only and the plan and character of the work do not conform to the requirements of the General Instructions for a complete survey.
3. The plan and extent of development satisfy the specific instructions.
4. The usual field plotting and the inking of the hydrography were done by the field party.
5. As indicated in the descriptive report no triangulation data were available for this survey, nor was it accompanied by any information by which the cartographer could properly place it on the chart. Its approximate position is shown on the chart diagram from verbal information from Capt. Maher.
6. New Port Walter should be completely surveyed when this locality is surveyed.
7. Considered as a reconnaissance, the character of the surveying and field drafting are good.
8. Reviewed by E. P. Ellis, April, 1924.

*Where is it located?  
E.P.*

March 31, 1924

Division of Hydrography and Topography:

Division of Charts:

Tide reducers are approved in  
I volumes of sounding records for

HYDROGRAPHIC SHEET 4528

Locality: New Port Walter, S.E. Alaska.

Chief of Party: T.J. Maher in 1923

Plane of reference is mean lower low water reading

6.8 ft. on ~~tide gauge~~ at North Port Walter  
auto. gauge

For reduction of soundings, condition of records satisfactory  
except as checked below:

1. Locality and sublocality of survey omitted.
2. Month and day of month omitted.
3. Time meridian not given at beginning of day's work.
4. Time (whether A.M. or P.M.) not given at beginning of day's work.
5. Soundings (whether in feet or fathoms) not clearly shown in record.
6. Leadline correction entered in wrong column.
7. Field reductions entered in "Office" column.
8. Location of tide gauge not given at beginning of each day's work.
9. Leadline corrections not clearly stated.
10. Kind of sounding tube used not stated.
11. Sounding tube No. entered in column of "Soundings" instead of "Remarks".
12. Legibility of record could be improved.
13. Remarks.



Chief, Division of Tides and Currents.

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

~~Hydrographic~~  
~~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. 4328

State Southeastern Alaska . . . . .

General locality Baranof Island . . . . .

Locality New Port Walter - Port Walter . . . . .

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

Surveyed by Henry E. Finnegan . . . . .

Date of survey July 21st, 1923 . . . . .

Scale 1:2000 . . . . .

Heights in feet above . . . . .

Contour interval . . . . feet.

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

Records accompanying sheet (check those forwarded): Photographs,

<sup>X</sup> Descriptive report, Horizontal angle books, Field computations,

Data from other sources affecting sheet . . . . .

**One volume of soundings, which were plotted on this sheet.**

Remarks: