

4675

4675

Form 504

U. S. COAST AND GEODETIC SURVEY  
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey *Hydrographic*

Field No. \_\_\_\_\_ Office No. *4675*

LOCALITY

State *Washington*

General locality *Pacific Coast*

Locality *Puget Sound*  
*Edmonds approaches*

1927

CHIEF OF PARTY  
*G. E. Jones*

LIBRARY & ARCHIVES

DATE \_\_\_\_\_

4675 4675

Form 504

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEYS

S. & C. SURVEY  
L. & A.

State: WASHINGTON

11-5013

Acc. No.

DESCRIPTIVE REPORT.

TOPOG. & HYDRO Sheet No.  
Showing also Topog.

4675

LOCALITY:

PACIFIC COAST

PUGET SOUND

EDMONDS

~~WASHINGTON~~

1927

CHIEF OF PARTY:

G. C. JONES, H. & G. E.

4675

DESCRIPTIVE REPORT TO ACCOMPANY TOPOGRAPHIC & HYDROGRAPHIC

S H E E T

EDMONDS, WASHINGTON.

U. S. M. V. NATOMA.

G. C. JONES, COMDG.

S E A S O N - 1 9 2 7

AUTHORITY.

The work was done in accordance with the Director's Instructions dated May 3, 1927.

EXTENT.

The topography on this sheet is on the east shore of Puget Sound and includes the shoreline from Pt. Edwards to about 400 meters north of the ferry slip at Edmonds, Washington.

SURVEY METHODS.

The scale of the sheet is 1 : 5000. There is only one triangulation station "EDWARDS" on the sheet from which the shoreline was mapped by plane table traverse. Signal was built at station "APPLE" and the azimuth "EDWARDS" to "APPLE" plotted for orientation.

This work was done primarily to locate the ferry slip. In traversing from EDWARDS the detail was mapped because of additional landmarks and buildings not shown on the chart.

LANDMARKS.

GENERAL PETROLEUM TANKS.

W. TANK	47 - 48'	451.6 m.
	122 - 23	600.5 m.
E. TANK	47 - 48'	453 m.
	122 - 23	532 m.

The tanks are on top of the bluff at Pt. Edwards and make a prominent landmark.

H Y D R O G R A P H Y.

*This sheet is filed H. 4675*

*(showing also Topography)*

*C. A. Bowman*

*Nov 9, 1927*

The hydrography is shown on a sub plan on the topographic sheet. Hydrography was done at the ferry slip and out to the 8 fathom curve to develop the approaches.

The wheel of the ferry tends to deepen the water in the slip as the bend in depth curve shows.

The north side of the dock is lumpy due to some gravel barges dumping here and vessels of any draft should not lay here.

RECOMMENDED FOR APPROVAL

*G. C. Jones*  
G. C. JONES, CHIEF OF PARTY

Respectfully submitted

*A. F. Jankowski Jr.*  
A. F. JANKOWSKI JR. H. & G. E.

T.J.H.

(11)

December 1, 1927.

Division of Hydrography and Topography:

Division of Charts:

Tide reducers are approved in  
volumes of sounding records for

**1**  
HYDROGRAPHIC SHEET

**4675**

Locality:

**Edmonds, Puget Sound, Washington.**

Chief of Party:

Plane of reference **G.I.G. Jones, 1927.**

ft. on tide staff **M.L.L.W**

**1.8**

**Edmonds**

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.

*G. H. Rude*

Chief, Division of Tides and Currents.

Report -  
Sheet No. 4675.

Surveyed on October 12, 1927.

Report on inking and verifying Hydrography.

G. C. Jones, Chief of Party.

Surveyed by A. F. Jankowski.

Protracted by R. W. Woodworth.

Soundings plotted by R. W. Woodworth.

Verified and inked by Robt. C. Johnson.

Topography done in field (inking etc.)

1. The records conform to the requirements of General Instructions and were complete and legible.
2. The plan and character of development fulfills requirements of General Instructions.
- 3.

4. The sounding line crossings are adequate, however, position 8(a) with a depth of 14 fathoms seems misplaced but is located on locus of the one angle given and checks Boat Sheet. No other information given. It is the beginning of a line.

5. The usual depth curves can be drawn.

6. The field plating was well completed. However, the positions were not fully numbered.
7. No extra work was done by draftsman in office except to number positions in some cases. The work was as accurately done and time intervals adhered to in plating soundings.
8. Junctions with adjacent sheets are satisfactory.
9. No further surveying required to develop this area intended in survey around dock.

IN REPLY ADDRESS THE DIRECTOR  
U. S. COAST AND GEODETIC SURVEY  
AND NOT THE SIGNER OF THIS LETTER

AND REFER TO NO. 11-DRM

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

WASHINGTON

January 14, 1928.

SECTION OF FIELD RECORDS

Report on Hydrographic Sheet No. 4675

Approach to Edmonds, Wash.

Surveyed in 1927

Instructions dated May 3, 1927.

Chief of Party, G. C. Jones.

Surveyed by A. F. Jankowski.

Protracted and soundings plotted by R. W. Woodworth.

Verified and inked by Robert C. Johnson.

1. The records conform to the requirements of the General Instructions.
2. The plan and character of development conform to the requirements of the General Instructions.
3. The plan and extent of development satisfy the requirements of the specific instructions.
4. There are no sounding line crossings of importance but a comparison of soundings on adjacent lines shows a generally good agreement except a discrepancy between the sounding of 14 feet on position 8a and the adjacent soundings. Plotting of positions and spacing of soundings in this area are correct. Several positions had to be plotted from the boat sheet. This non-agreement of soundings may be caused by the deepening of the approach to the ferry slip by the wheel of the ferry. This was noted in the descriptive report. The rows of piling on either side of the slip may act as a sort of jetty.
5. The usual depth curves can be completely drawn except the low water line. This is not shown on the topographic sheet and the soundings are not complete enough to show it.

6. The field plotting was completed to the extent prescribed in the General Instructions.
7. The office draftsman did not have to do over any of the work done by the field party.
8. The topography was executed in accordance with the General Instructions.
9. No further surveying is required to fully develop important areas within the limits of this sheet.
10. Rating of work:
  - a. Character and scope of the surveying, good.
  - b. Field drafting, good.
11. Reviewed by C. M. Durgin.

Approved:

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Chief, Section of Field Records (Charts)

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Chief, Section of Field Work (H. & T.)



DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

REG. NO. 4675

HYDROGRAPHIC TITLE SHEET  
*Showing also Topography*

The Hydrographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. 11

REGISTER NO. 4675

State Washington

General locality Puget Sound

Locality Edmonds

Scale 1 : 5000 Date of survey October 12th, 1927

Vessel Natoma

Chief of Party G.C. Jones

Surveyed by A.E. Jankowski

Protracted by R.W. Woodworth

Soundings penciled by R.W. Woodworth

Soundings in ~~fathoms~~ feet

Plane of reference MLLW

Subdivision of wire dragged areas by

Inked by

Verified by

Instructions dated May 3rd, 1927

Remarks: *Shows also Topography on same Sheet  
(see attached sheet)*

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

REG. NO.

TOPOGRAPHIC TITLE SHEET

*attach to Title Sh. - Hyd. - 4675*

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. "J"

REGISTER NO. 4675

State Washington

General locality Puget Sound

Locality Edmonds

Scale 1 : 5000 Date of survey October 10-11, 1927

Vessel Natoma

Chief of Party G.C. Jones

Surveyed by A.F. Jankowski

Inked by A.F. Jankowski

Heights in feet above \_\_\_\_\_ to ground to tops of trees

Contour, Approximate contour, Form line interval \_\_\_\_\_ feet

Instructions dated May 3rd, 1927

Remarks: This work is on sheet filed H. 4675

Applied to Chr. 6437

Aug. 1942 SR.