

4599

Form 804
Ed. June, 1923

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

R. S. Patton, Director

U. S. COAST & GEODETIC SURVEY

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APR 13 1931

State: Washington

Acc. No.

DESCRIPTIVE REPORT

Topographic

~~Hydrographic~~

Sheet No. A 4599

LOCALITY

Puget Sound
Sinclair Inlet, Bremerton Harbor.

Bremerton

1931

CHIEF OF PARTY

F. H. Hardy.

DESCRIPTIVE--REPORT

to accompany the
TOPOGRAPHIC SHEET

Revision Survey of Bremerton Harbor.

INTRODUCTION:

This survey was made according to instructions dated March 19, 1931.

This sheet comprises that part of Bremerton Harbor between latitudes $47^{\circ}-32.9$ - $47^{\circ}-34.4$ and longitudes $122^{\circ}-36.4$ - $122^{\circ}-39.3$.

Extensive new construction work is being done at the Navy Yard which will make many changes and additions. This information can be secured from the Navy Yard when the work is completed.

CONTROL:

Control for this survey was based on a scheme of triangulation. Stations WALL - MANETTE - NAVY and BENSON were recovered and were occupied by plane table, and table oriented by pointing on some two or more triangulation stations.

METHODS EMPLOYED:

Only those portions of the shoreline were surveyed where changes were found to exist. The remainder of the shoreline is shown on the sheet in pencil and was transferred from a photostat of Drawing Chart No. 6440 and the published chart No. 6440.

The Radio Towers, Stacks and Flagpoles in the Navy Yard, the Beacon in approximate latitude $47^{\circ}-33.8$, longitude $122^{\circ}-36.7$ and the tank in Port Orchard were located by cuts from three or more triangulation stations and excellent intersections were obtained. Some of these objects were used in controlling the traverse run.

That portion west of longitude $122^{\circ}-39.3$ was not surveyed as no changes were noted of sufficient importance to warrant its survey.

WHARVES, ETC.

Changes in the shoreline and wharf delineation are shown on the topographic sheet. The more important changes are given in detail as follows:

(1) The wharf shown at the foot of Wycoff Ave. on photostat should be as shown on the topographic sheet at the foot of Cambrian Ave. This is the Bremerton Yacht Club dock.

(2) A dock at the foot of Callow Ave. has been built by the Union Oil Co.

(3) A small dock has been built just to the East of the Union Oil Co. dock by the Texas Oil Co.

(4) In approximate latitude $47^{\circ}-33.'8$ and longitude $122^{\circ}-37.'4$ the ferry dock has been remodeled and should be shown as on the topographic sheet.

(5) In approximate latitude $47^{\circ}-34.'3$ and longitude $122^{\circ}-37.'0$ the dock should be as shown on the topographic sheet. There is no dock under the bridge nor on the north side of it in this vicinity.

(6) The bridge crossing Port Washington Narrows is as shown on topographic sheet. The concrete piers are also shown.

(7) In approximate latitude $47^{\circ}-32.'9$ and longitude $122^{\circ}-36.'9$ a new and larger dock has been built. This was the only major change noted on the Port Orchard side of Sinclair Inlet.

(8) The two stacks shown on the chart 6440 at the Navy Yard have been removed. Two new concrete stacks have been built, the position of these two stacks are shown on the topographic sheet.

(9) A new water tank in approximate latitude $47^{\circ}-32.'1$ and longitude $122^{\circ}-38.'1$ in the vicinity of Port Orchard has been built. This is probably the most prominent object in that vicinity.

(10) A beacon has been built in approximate latitude $47^{\circ}-33.'8$ and longitude $122^{\circ}-36.'7$. The red nun buoy has been removed.

(11) Mooring buoys No. 1, 2, and 3 were located as their positions did not check those shown on the photostat. The other mooring buoys are as shown on the photostat.

TRAVERSE:

A traverse was run from triangulation station Manette 1915 north on Trenton Ave. to 11th. St., then west to Winfield Ave. across the bridge to Washington Ave., south on Washington to 6th. St. then west on 6th. to Naval Drive, then south to Burwell St., west on Burwell to Callow Ave. and south to Farragut St., west on Farragut to Cambrian Ave. and south on Cambrian to the southwest corner of the Yacht Club dock ending on a three point fix. Triangulation stations Benson and Wall, Tank Port Orchard and several objects at the Navy Yard, Radio Towers and Stacks, were used in determining and checking this position.

This position did not check the traverse position by 20 meters. Rather than adjust the traverse the topographer reran a position of the traverse. Starting with the three point fix going north on Cambrian Ave. to Rodgers St., then east on Rodgers St. to Callow and

north on Callow to Burwell, checking the former position on Callow and Burwell by three meters.

It was possible to check the traverse position at intervals with the objects at the Navy Yard.

The survey commenced on March 23rd, and was greatly delayed by rainy weather.

The form Landmarks for Charts, showing new and prominent objects located by plane table is attached to this report.

Respectfully submitted,

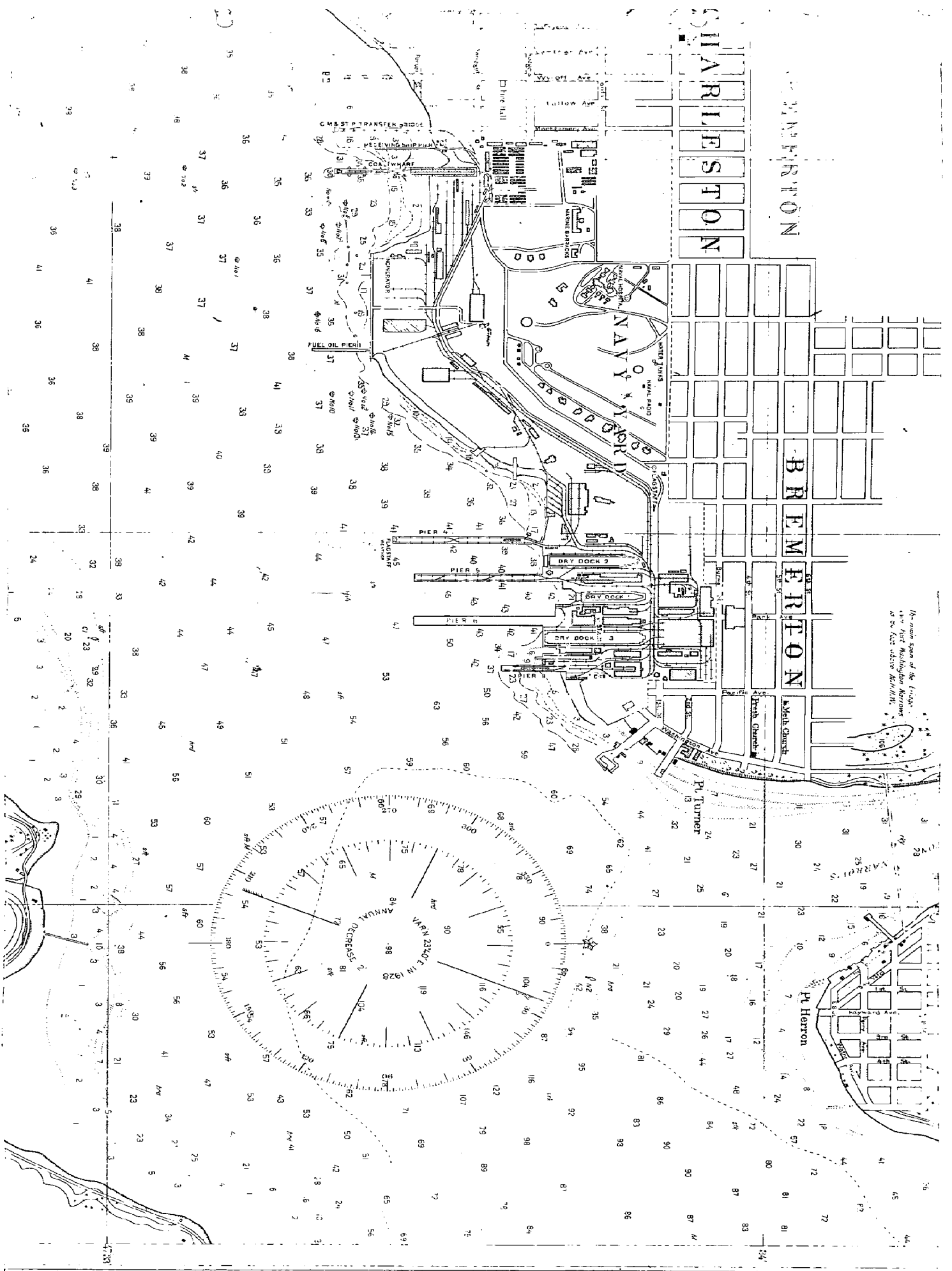
L. W. Swanson,

L. W. Swanson,
Jr. H. & G. E.

Approved and forwarded:

F. H. Hardy

F. H. Hardy,
Inspector, Seattle Field Station.



DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO. 4599

TOPOGRAPHIC TITLE SHEET

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. A

REGISTER NO. **4599**

State Washington

General locality Sinclair Inlet, Puget Sound

Locality Bremerton

Scale 1-10,000 Date of survey March 23 - Apr. 2 1931

Vessel -----

Chief of Party F. H. Hardy

Surveyed by L. W. Swanson

Inked by -----

Heights in feet above ----- to ground to tops of trees

Contour, Approximate contour, Form line interval ----- feet

Instructions dated March 19, 19231

Remarks: -----