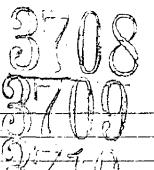
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General locality Puget Sound			
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DEPARTMENT OF COMMERCE

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. (F) 37/0
State Washington
General locality. Puget. Sound Locality. City of Seattle Chief of party. John A. Daniels
Locality City of Seattle
Chief of party. John A. Daniels
Surveyed by . C. John A. Daniels
Date of survey
Scale/:5000
Heights in feet above
Contour interval feet.
Inked by . J.A.D Lettered by
Records accompanying sheet (check those forwarded): Photographs,
Descriptive report, Horizontal angle books, Field computations,
Data from other sources affecting sheet Blue print of.
Data from other sources affecting sheet Blue print of. Survey by Durvanieh Waterway Communication
Remarks:

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
REGISTER NO. 3708
State Washington
General locality Alki Point to East Waterway
Locality Seattle Harbor
Scale 1: 5,000 Date of survey 1917
Vessel
Chief of party John A. Daniels
Surveyed by D. Karr
Inked by
Heights in feet aboveto ground to tops of trees
Contour, Approximate contour, Form line intervalfeet
Instructions dated, 19
Remarks:

DESCRIPTIVE REPORT

to accompany

TOPOGRAPHIC SHEETS (D. E AND F) 3708,3709,3710

EAST AND WEST WATERWAYS

AID VICINITY.

Seattle, Washington.

1917

John A. Daniels, Jr. H. & G. E., Chief of Party.

DESCRIPTIVE REPORT

TOPOGRAPHIC SHEETS D, E & F.

SCALE, LIMITS.

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Three sheets on a scale of 1:5000 include the shoreline and closely adjoining land area from Alki Point to the limit of the dredging in the new Duwamish Waterway. They include the waterfront of the East and West Waterways and the industrial area between the Waterways and the high land to the eastward from them. No contouring was done upon these sheets for the reason that former surveys by the Coast & Geodetic Survey, by the Duwamish Waterway Commission, and by the city of Seattle, have determined the various elevations and their changes up to the present.

OBJECT OF SURVEY.

The object of this resurvey is to map the changes that have taken place along the waterfront through the addition of wharves, warehouses, bulkheads and reclaimed land. All details were very carefully located so that any points that could be identified, such as gables, chimneys, etc., could be safely used for signals in the hydrographic work.

METHODS.

The regular C. & G. S. planetable outfit with jointed telemeter rods was used throughout. A party of two rodmen using street cars or automobiles for transportation was used. Careful allowances were made for distortion of sheet where it occurred and frequent three point determinations checked all traverses. Sheets D and E were surveyed by Douglas. Karr, and sheet F by the Chief of Party. All sheets were inked in the Washington office by the Chief of Party. Triangulation control was obtained from a scheme executed by the revision party during 1917. The inside details of some of the shipyards were not included in the survey but are available from blue prints of the layouts obtained from the engineers of the yards. Attention is especially called to a print, secured from the Duwamish Waterway Commission of a survey that shows contours in the lower Duwamish Valley and gives property and street lines in more detail than our survey. It is thought that this print will be of considerable value in the compilation of a chart of this locality.

> Respectfully Submitted, John A Daniels. J. H. & G. E.