

3708 3709  
3710

3708  
3709  
3710

Diag. Cht. Nos. 6450-2 & 6460-1

Form 504	
U. S. COAST AND GEODETIC SURVEY DEPARTMENT OF COMMERCE	
<b>DESCRIPTIVE REPORT</b>	
Type of Survey	Topographic
Field No.	Office No. T-3708, T-3709 & T-3710
LOCALITY	
State	Washington
General locality	Puget Sound
Locality	City of Seattle
194	
CHIEF OF PARTY	
John A. Daniels, Jr. Hr. Eng.	
LIBRARY & ARCHIVES	
DATE	April, 1918

3708  
3709  
3710

U. S. SURVEY  
& G. A.  
APR. 20 1913  
No.

Form 504  
DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

State: WASHINGTON

11-5613

DESCRIPTIVE REPORT.

Sup Sheet No. 3708  
3709  
3710

LOCALITY:

1917

CHIEF OF PARTY:  
John A. Daniel Fitzgibbon

3708  
3709  
3710

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) 3710

State . . . Washington . . . . .

General locality . . . Puget Sound . . . . .

Locality . . . . . City of Seattle . . . . .

Chief of party . . . John A. Daniels . . . . .

Surveyed by . . . John A. Daniels . . . . .

Date of survey . . . 1917 . . . . .

Scale . . . . . 1:5000 . . . . .

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

Survey by Duwamish Waterway Commission

Remarks:

DEPARTMENT OF COMMERCE  
U.S. COAST AND GEODETIC SURVEY

REG. NO. 3708

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 ....., ~~19~~ .....

Vessel .....

Chief of party John A. Daniels .....

Surveyed by D. Kerr .....

Inked by .....

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

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

Instructions dated ....., 19 .....

Remarks: .....

DESCRIPTIVE REPORT  
to accompany  
TOPOGRAPHIC SHEETS (D, E AND F) 3708, 3709, 3710

EAST AND WEST WATERWAYS  
AND VICINITY.

Seattle, Washington.

1917

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

## DESCRIPTIVE REPORT

### TOPOGRAPHIC SHEETS D, E & F.

#### SCALE, LIMITS.

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*  
*Jr. H. & G. E.*