

6988

Diag. Cht. No. 8551-2.

Form 504

U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Topographic

Field No. Bo-A-56 Office No. T-6988

LOCALITY

State Alaska

General locality Prince William Sound

Locality Whittier

19/56

CHIEF OF PARTY

Curtis Le Fever

LIBRARY & ARCHIVES

DATE October 29, 1957

8-1870-1 (1)

6988

FORM 537a
(9-24-47)

DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

REGISTER NO. T - 6988

TOPOGRAPHIC TITLE SHEET

FIELD NO. BO-A-56

Each Planetable and Graphic Control Sheet should be accompanied by this form, completed so far as practicable, when forwarded to the Washington Office.

STATE

Alaska

GENERAL LOCALITY

Prince William Sound

LOCALITY

Whittier

SCALE

1:5000

DATE OF SURVEY

June, 1956

VESSEL

Ship BOWIE

CHIEF OF PARTY

Curtis Le Fever

SURVEYED BY

J. Frank May, Jr.

INKED BY

J. Frank May, Jr.

HEIGHTS IN FEET ABOVE MHW OR

☐ TO GROUND

☐ TO TOPS OF TREES

CONTOUR

APPROXIMATE CONTOUR

FORM LINE INTERVAL FEET

PROJECT NUMBER

12770

REMARKS

DESCRIPTIVE REPORT
to accompany
TOPOGRAPHIC SHEET BO-A-56

Project: 12770
Ship BOWIE

Curtis Le Fever
Chief of Party

Detailed topographic survey of the marginal wharf, DeLong Pier, shoreline and other dock areas of Port of Whittier. Graphic control for hydrographic survey ^{H-8310 (1956)} was accomplished on this sheet to accompany stations established by triangulation. ✓

A. PROJECT:

This survey is to give a detailed topographic survey for the Whittier Dock area. required by the Director's letter dated 7 May 1956, 22/MEK, S-2-BO, *Project 1277.* ✓

B. SURVEY LIMITS AND DATES:

Survey BO-A-56 covers the shoreline area between Longitudes 148° 38' 55" and 148° 41' 20". Field work was done during the month of June. ✓

C. CONTROL:

Control for this survey was furnished by existing triangulation and triangulation established by this party. ✓

D. SURVEY METHODS:

The survey was accomplished by three closed Plantable traverses. First traverse was run between stations UNION 1948 and MARGIN, 1956. Second, PUNT, 1956 to MARGIN, 1956 and third, between stations PUNT, 1956 and Put. All traverses were within the allowable closing error. Points such as hydro signs, high water line, and corners of docks and piers were located by means of rod readings. ✓

E. MISCELLANEOUS:

Blueprints were obtained from the Corp of Engineers, Whittier of the General Plans and docking facilities of Port of Whittier and will accompany this report. Landmark VENT* and daybeacons, DAY and BEA were located by triangulation and will be submitted with the triangulation. Recovery notes for triangulation will be mailed to Washington. *see Bp 55729-31*

*Form 567 in
Desc. Report
of H-8310*

** no record of such landmark found - JVE 1/16/59*

Respectfully submitted:

J. Frank May, Jr.
J. Frank May, Jr.
Ensign, C&GS

APPROVED:

for Fred Katala
Curtis Le Fever
Chief of Party

SIGNALS LOCATED

Bob
Go
Fat
Hat
Gin
Kel
Net
Nel
Lad
Fox
Fig
Mid
Bad
Tip
End
Hag

TRIANGULATION USED

DUG 2, 1948
FALL, 1913
WHITTIER COLUMBIA LUMBER CO. WEST STACK, 1948
UNION, 1948
MARGIN, 1956
PUNT, 1956
PUT, 1956 (n.m.)
WHITTIER, GREEN WATERTANK, 1948

DIVISION OF CHARTS

REVIEW SECTION - NAUTICAL CHART BRANCH

REVIEW OF TOPOGRAPHIC SURVEY

REGISTRY NO. T-6988

FIELD NO. BO-A-56

Alaska, Passage Canal, Whittier

Surveyed in June 1956

Scale 1:5,000

Project No. 1277

Plane Table Survey

Aluminum Mounted

Chief of Party - Curtis LeFever

Surveyed by - J. Frank May, Jr.

Inked by - J. Frank May, Jr.

Reviewed by - L. V. Evans, 16 January 1959

Inspected by - R. H. Carstens

1. Basic control for this planetable survey was triangulation established by H. A. Karo, 1948 and Curtis LeFever, 1956.
2. This survey falls within the area of the unreviewed photogrammetric survey T-9131 (1949), 1:20,000 scale. Since the date of T-9131 extensive artifical changes have been made in the area of the present survey, principally the Delong Pier, replacing the former Army pier, and the new Marginal Wharf. The shoreline at the eastern limit of the present survey and the two piers at its western limit are in good agreement with the prior survey. Rock information near the eastern limit of this survey has been carried forward from T-9131 and with that addition the present survey is adequate to supersede T-9131 for shoreline and offshore details within its limits.
3. The present survey falls within the area of prior topographic survey T-3404 (1913), 1:10,000, and T-7073a (1948), 1:10,000. Since the date of T-3404 the shoreline covered by the present survey has been altered quite

extensively by the construction of piers and wharves. T-7073a was primarily graphic control and in the present survey area shows only the Union Oil pier and the former Army pier. The present survey shows an extension (added in 1953) on the former and an entirely new installation replacing the latter. The present survey is adequate to supersede these prior surveys in the common areas.

4. The present survey has been applied to Chart 8521 (print date 12/23/57).

NAUTICAL CHARTS BRANCH

SURVEY NO. T. 6988

Record of Application to Charts

[illegible]

M-2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.