

7141 a & b

Diag. Cht. No. 8201-2.

Form 504

U. S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY

## DESCRIPTIVE REPORT

Type of Survey Planetable Topography

LJ-C-61

Field No. LJ-D-61

Office No. 7141 a&b

### LOCALITY

State Alaska

General locality Zimovia Strait

Locality Wrangell Island & Woronkofski Is.

19 61

CHIEF OF PARTY

L. G. Taylor

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JAN 23 1963

DATE

COMM-DC 61300

7141 a & b

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

Each Topographic and Graphic Control Sheet, and each Air Photographic Drawing should be accompanied by this form, completed so far as practicable, when forwarded to the Washington office.

REGISTRY No. T-7141 a

Field No. LJ-C-61

Scale 1:10,000

State Alaska General locality Zimovia Strait

Specific locality Wrangell Is. & Woronkofski Is.

Dates: Survey began 14 April 61 Completed 18 July 1961

Photography \_\_\_\_\_, Supplemented by ground surveys to \_\_\_\_\_

Project No. Special Project 2-61 Instructions dated 10 November 1960

Vessel } or LESTER JONES Chief of party CDR L. G. TAYLOR  
Party }

Field work by B. I. Williams Office work by B. I. Williams

Final inking by B. I. Williams

Ground elevations }  
Treetop elevations } in feet above { M. H. W.  
or  
\_\_\_\_\_

Contours }  
Approximate contours } by { Planetable } Interval \_\_\_\_\_ ft.  
Form lines } { Multiplex }  
\_\_\_\_\_

REMARKS \_\_\_\_\_

## DESCRIPTIVE REPORT

to accompany

Sheet LJ-C-61

### INSTRUCTIONS:

This work was done in accordance with Instructions - Special Project 2-61, Wrangell, Alaska dated 10 November 1960.

Organization of report based on paragraph 66, S.P. 144.

### a. SHORELINE:

The northeast shore of Woronkofski Island is steep and in some places almost vertical bedrock between triangulation station LEDGE, 1916-24 and hydro station ARM. From station ARM north to the project limits the shore is moderately sloping with beach material varying from sand to numerous large boulders.

The remainder of the shoreline on this sheet between triangulation stations BASE, 1916 and FORT WRANGELL N BASE 2, 1916-37 is the southwest shore of Wrangell Island. This portion of shoreline is in general gently sloping with beaches consisting of gravel and boulders and marked occasionally by rock ledges. All shoreline is backed by steep forested slopes.

### b. Inapplicable

### c. CONTROL:

Basic control consisted of four existing triangulation stations. Hydrographic control stations were located by intersection from basic control. Hydro signal BOB was marked as a topographic station.

### d. CLOSURE:

No difficulty was encountered with closures due to the short distances between control stations.

### e. LOCATION OF OFF-LYING FEATURES:

All off-shore features such as rocks, piling and reefs were located by plane table and rod. The elevations of rocks and reef high points were determined by hand level or reference to the water level at the time of observation.

The foul area in the vicinity of station BOB was only partially delineated by topographic party due to high water at the time the party visited the area. The extent of the foul area was further determined by the hydrographic launch party.

Descriptive Report  
LJ-C-61

f. Inapplicable.

g. CHANGES IN FEATURES PREVIOUSLY SHOWN:

The 3 piling shown on chart 8160 at Latitude 56-25.5' and Longitude 132-25.6' are no longer in existence.

h, i, j, k, l and m Inapplicable.

n. CHANGES IN SHORELINE:

Comparison between this survey and prior surveys was not practicable because of the small scale used on the previous survey.

o. Inapplicable.

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

## TOPOGRAPHIC TITLE SHEET

Each Topographic and Graphic Control Sheet, and each Air Photographic Drawing should be accompanied by this form, completed so far as practicable, when forwarded to the Washington office.

Registry No. T-7141 bField No. LJ-D-61Scale 1:10,000State Alaska General locality Zimovia StraitSpecific locality Wrangell Island & Woronkofski IslandDates: Survey began 14 April 61 Completed 18 July 1961

Photography \_\_\_\_\_, Supplemented by ground surveys to \_\_\_\_\_

Project No. Special Project 2-61 Instructions dated 10 November 1960Vessel } or LESTER JONES Chief of party CDR L. G. Taylor  
Party }Field work by B. I. Williams Office work by B. I. WilliamsFinal inking by B. I. WilliamsGround elevations }  
Treetop elevations } in feet above { M. H. W.  
or  
\_\_\_\_\_Contours }  
Approximate contours } by { Planetable } Interval \_\_\_\_\_ ft.  
Form lines } { Multiplex }  
\_\_\_\_\_REMARKS \_\_\_\_\_  
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## DESCRIPTIVE REPORT

to accompany

Sheet LJ-D-61

### INSTRUCTIONS:

This work was done in accordance with Instructions - Special Project 2-61, Wrangell, Alaska dated 10 November 1960.

Organization of report based on par. 66, S.P. 144.

#### a. SHORELINE:

The eastern shoreline of Woronkofski Island is nearly vertical bedrock off shore of the high water line.

The remainder of the shoreline shown on this sheet is moderately sloping with boulder strewn beaches except in the stretch of beach extending 1/4 mile northeast of triangulation station WRANGELL 2, 1916. This portion of the shoreline is nearly vertical or steep and composed of bedrock. All shoreline is backed by steep forested slopes.

#### b. Inapplicable

#### c. CONTROL:

Basic control consisted of six existing triangulation stations. Hydrographic control stations were located by intersection from basic control.

#### d. CLOSURE:

No difficulty was encountered with closures due to the short distances between control stations.

#### e. LOCATION OF OFF-LYING FEATURES:

All off-shore features such as rocks, piling and reefs were located by plane table and rod. The elevations of rocks and reef high points were determined by hand level or reference to the water level at the time of observation.

#### f. Inapplicable

#### g. CHANGES IN FEATURES PREVIOUSLY SHOWN:

The log boom shown on chart 8160 at the head of the small bay immediately north of East Point at Latitude 56-23.4', Longitude 132-24.6' is no longer in existence.

Descriptive Report  
Sheet LJ-D-61

h, i, j, k, l, and m. Inapplicable.

n. CHANGES IN SHORELINE:

Comparison between this survey and prior surveys was not practicable because of the small scale used on the prior survey.

o. Inapplicable.

## NAUTICAL CHARTS BRANCH

SURVEY NO. T-7141 a and B

### 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.