

7118a&b

Graphic Control

Disg'd. on Diag. Ch. No. 8864-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Graphic Control

Type of Survey. ~~Topographic~~

T-7118a & b

Field No. EX-C-48 Office No. T-7118a & b

LOCALITY

State Alaska

General locality Rat Islands

Locality Little Kiska Island

1948

CHIEF OF PARTY

F.B.T. Siems

LIBRARY & ARCHIVES

DATE MAR 16 1949

B-1870-1 (1)

7118a&b

Graphic Control

MAR 16 1949

Form 537a
Ed. Nov. 1929

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

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. EX-C-48

REGISTER NO.

State Alaska

General Locality Rat Islands

Locality Little Kiska Island

Scale 1:20,000 Date of survey June-September, 1948

Vessel EXPLORER

Chief of party F.B.T. Siema

Surveyed by E. W. Richards

Inked by E. W. Richards

Heights in feet above MLW to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated 3 February 1938, Supplements to
10 February 1948, 19____

Remarks: _____

REG. NO. T-7118a & b GRAPHIC CONTROL

NAUTICAL CHARTS BRANCH

SURVEY NO. *T 7118 a+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.

DESCRIPTIVE REPORT

to accompany

GRAPHIC CONTROL SURVEY

~~TOPOGRAPHIC SHEET~~

T-7118 a. & b (1948)

Field No. EX-C-48

Rat Islands - Little Kiska Island

1948

Ship EXPLORER, Ronald R. Moore, Comdg.

Surveyed by: E. W. Richards

INSTRUCTIONS:

Instructions for Project GS-218 dated 3 February 1938;
supplemental instructions dated 10 February 1948. ✓

LIMITS OF SURVEY:

This 1:20,000 sheet covers South Pass, Little Kiska Island and Tanadak Pass. Little shoreline was rodded because the area is well covered by air photos. The foul area in the vicinity of triangulation station ROCK 1904 was done on the reverse side of sheet *EX-C-48 on a 1:10,000 scale. No projection was used, therefore an initial orientation from ROCK 1904 to triangulation station AGE (USE) 1943 is indicated on the sheet. ✓ *T-7118 b.

CONTROL:

Existing second and third order triangulation and current unadjusted triangulation was used for control. Triangulation stations used were: ORIENT 1948, LITTLE 1904, SALE 1948, CHUTE 1904, TAR 1943, SOUTH HEAD2 1945, OLE (USN) 1935, ROC 1948, YUG 1948, LUMP 1904, TANADAK (USN) 1935, RIDGE2 (USE) 1944 and AGE (USE) 1943. ✓

DATUM:

North American 1927. ✓

SURVEY METHODS:

Standard topographic methods were used throughout. Signals in the vicinity of South Pass were, in general, located by plane table cuts. Other signals were obtained by a combination of plane table cuts and short traverses which closed within allowable limits. ✓

COMPARISON WITH PREVIOUS SURVEYS:

Comparison with a photostat of the 1904 topographic survey indicates that the area in the vicinity of ROCK (1904) is not in agreement. A few additional rocks have been located. The rock shown on the 1904 survey in latitude $51^{\circ}55.95$ N, longitude $177^{\circ}36.15$ E. does not exist. The 1904 survey of the islets in South Pass, off the west end of Little Kiska Island, shows a better agreement than does chart 9124. ? ?

COMPARISON WITH HYDROGRAPHIC SURVEY:

There ^{are} ~~is~~ no discrepancies between this survey and the hydrographic survey. ✓

ADEQUACY OF SURVEY:

This survey should be supplemented with the nine-lens and single lens air photo for shoreline. The rocks and islets around station TAR (1943) were not surveyed in detail. ✓

LANDMARKS FOR CHARTS:

There are no objects or topographic features within the area of the survey considered suitable for chart landmarks. ✓

GEOGRAPHIC NAMES:

No additional geographic names are suggested. ✓

Respectfully submitted

E. W. Richards

E. W. Richards
Ensign, USC&GS

16 November 1948

Approved and forwarded.

*Compared with H-7708 (1948)
10/18/50 J.A. Dinomark*

Ronald R. Moore
Ronald R. Moore
Commander, USC&GS