**DESCRIPTIVE REPORT**

<table>
<thead>
<tr>
<th>Graphic Control</th>
<th>Topographic</th>
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<tr>
<td>Type of Survey</td>
<td>T-7118a &amp; b</td>
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<tr>
<td>Field No.</td>
<td>EX-0-48</td>
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<tr>
<td>Office No.</td>
<td>T-7118a &amp; b</td>
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**LOCALITY**

<table>
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<tr>
<th>State</th>
<th>Alaska</th>
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<tr>
<td>General locality</td>
<td>Rat Islands</td>
</tr>
<tr>
<td>Locality</td>
<td>Little Kiska Island</td>
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</tbody>
</table>

**CHIEF OF PARTY**

| F.E.T. Siems |

**LIBRARY & ARCHIVES**

| DATE | MAR 16 1949 |

**DIAG. on Diag. Ch. No. 8864-2**

**Form 504**

U.S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE
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 _____________________________________________________________________ E. H. T. Siemens

Surveyed by ______________________________________________________________________ E. W. Richards

Inked by _________________________________________________________________________ E. W. Richards

Heights in feet above MLLW to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

3 February 1938, Supplements to
Instructions dated 10 February 1948

Remarks: __________________________________________________________________________
### Record of Application to Charts

<table>
<thead>
<tr>
<th>DATE</th>
<th>CHART</th>
<th>CARTOGRAPHER</th>
<th>REMARKS</th>
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</table>

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 3. 5 (1948)

Field No. EX-C-48

Rat Islands - Little Kiska Island

1948

Ship EXPLORER, Ronald R. Moore, Comdg.

Surveyed by: E. W. Richards

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INSTRUCTIONS:

Instructions for Project CS-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.

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, TAB 1943, SOUTH HEAD 1945, OLE (USE) 1935, BOO 1948, YUG 1948, LUMP 1904, TANADAK (USE) 1935, RIDGE (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°55.95 N, longitude 177°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 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
Ensign, USCGS

16 November 1948

Approved and forwarded.

Ronald R. Moore
Commander, USCGS

Compared with H-7708 (1948)
10/19/50