DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

E. LEWIS JONES
Director

C. C. SURVEY
L. & A.

APR 6 1923
Aca. No.

State: CALIFORNIA

DESCRIPTIVE REPORT
Topographic | Sheet No. 4405

LOCALITY
Point Saint George
Lakes Earl
NORTH OF CRESSENT CITY
NORTHERN CALIFORNIA

1923

CHIEF OF PARTY
F. G. ENGEL, H. E. O. ENGINEER
A traverse was run from triangulation station Tank at the Radio Station north along the beach to Triangulation station Dune. The traverse was checked at the two intervening triangulation stations New and Pipe and minor discrepancies adjusted. While running this traverse the signals were located.

Flags were planted on prominent points between the lakes and also around the shore of Lake Earl. These were located by plane-table triangulation and later used as control for running in the details of the sheet including the shore-line of the two lakes.

Starting at flag No 1 a traverse was run south and around Lake Earl. The traverse was checked at each of the flags that had been previously located. All traverses checked within the allowable error. All the details shown on the sheet were located by rod readings. A traverse was also run around Lake Tollawa starting at triangulation station Pipe and ending at triangulation station New.

Party consisted of one officer, three men; using a White Truck.

Work on this sheet was executed from Aug. 3, to Aug 29th, 1928, according to instructions dated March 13, 1928.

| Magnetic declination scaled | 20°36' |
| Declinometer correction    | -5.9   |
| Declination observed       | 20°41.9 |

RESPECTFULLY SUBMITTED,

A.C. THORSON, Jr. H.G. E. TOPographer.

APPROVED AND FORWARDED,

F. G. ENGLE, H.G. E.
Chief of Party.

CONRAD DASCHNER

Inspected and found adequate.

E. Thuc.
July 1928
DESCRIPTIVE REPORT

TO ACCOMPANY

TOPOGRAPHIC SHEET NO. _____ SCALE 1:10,000

COAST OF NORTHERN CALIFORNIA

NORTH OF CRESSENT CITY

LIMITS: THIS sheet includes the shore-line of northern California
nort of Crescent City, between the latitudes, 41° 47' and
41° 53' North and extending inland as much as three miles so as to
include Lake Tollawa and Lake Earl and surrounding territory.

GENERAL DESCRIPTION: THE shore-line on this sheet is flat and sandy.

From Point Saint George to the northern limits
of the sheet low sand dunes extend inland. South of Lake Tollawa the
dunes covered with a scant growth of grass extend inland a quarter of
a mile or more where they meet a dense growth of scrub pine. The
territory north of Lake Tollawa and between Lake Earl and the ocean
is covered with dunes, grassy pasture land and some patches of brush
as shown on the sheet.

The lakes are shallow and their limits are seasonal. The
low water line, as shown by a dash line on the sheet is the extent of
the water during the dry summer season. During the rainy season the
lakes cover considerable more territory. The area between the low
and high water lines is grass covered and affords good summer pasture.
There is a heavy growth of swamp grass around most of the low water
line in Lake Earl. The greater portion of Lake Earl is surrounded
with a growth of pines.

The neck of land between Lake Tollawa and the ocean is
open during the rainy season.

A hand propelled ferry operates across the narrows between
the two lakes.

CHANGES IN SHORE LINE: Only a slight change in the ocean shore-
line was noted on this sheet. The shore
line of Lake Tollawa has receded due to drifting sands that are gradu-
ally filling the lake.

SURVEY METHODS: The triangulation stations, Point St. George Radio
station Tank, New, Pipe and Dune were used for control
for this sheet.

Twenty-five signals were built and twenty three of them
were used for hydrography. Those used for hydrography were: Post,
End, Wash, Cat, Sign, Nat, Smi, Root, Quad, Pen, Ned, Pod, Wan, Sim,
Bob, Lago, Try, Ban, Log, Poles, Trees, Nox, and Maud. None of these
signals were permanently marked.
<table>
<thead>
<tr>
<th>Object</th>
<th>Latitude D.H.</th>
<th>Longitude D.P.</th>
<th>Height</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Post</td>
<td>41 52 1420</td>
<td>124 12 762</td>
<td>10</td>
<td>Post erected and white washed.</td>
</tr>
<tr>
<td>End</td>
<td>41 52 413</td>
<td>124 12 955</td>
<td>8</td>
<td>Pole and Sq. cross banner</td>
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<tr>
<td>Wash</td>
<td>41 51 1776</td>
<td>124 12 1033</td>
<td>16</td>
<td>Sq. banner on sand dune.</td>
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<tr>
<td>Cat</td>
<td>41 51 1377</td>
<td>124 12 1120</td>
<td>12</td>
<td>Pole and square banner.</td>
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<tr>
<td>Sign</td>
<td>41 51 1032</td>
<td>124 12 1181</td>
<td>18</td>
<td>Tripod covered white cloth.</td>
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<tr>
<td>Nat</td>
<td>41 51 210</td>
<td>124 12 1372</td>
<td>10</td>
<td>White washed pile of driftwood</td>
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<tr>
<td>Smi</td>
<td>41 50 1583</td>
<td>124 13 66</td>
<td>15</td>
<td>Tripod covered with cloth on top of sand dune.</td>
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<tr>
<td>Root</td>
<td>41 50 1168</td>
<td>124 13 247</td>
<td>5</td>
<td>Rood of log white washed.</td>
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<td>Quad</td>
<td>41 50 411</td>
<td>124 13 398</td>
<td>12</td>
<td>Pole with sq. cross banner.</td>
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<tr>
<td>Pen</td>
<td>41 50 84</td>
<td>124 13 509</td>
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<td>Pennant on pole.</td>
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<tr>
<td>Ned</td>
<td>41 49 1453</td>
<td>124 13 636</td>
<td>12</td>
<td>Pole and square banner.</td>
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<tr>
<td>Pod</td>
<td>41 49 1123</td>
<td>124 13 733</td>
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<td>Tripod covered with white cloth.</td>
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<tr>
<td>Wen</td>
<td>41 49 400</td>
<td>124 13 975</td>
<td>13</td>
<td>Pile of driftwood white washed.</td>
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<tr>
<td>Sim</td>
<td>41 49 32</td>
<td>124 13 1101</td>
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<td>Pole with cross banner.</td>
</tr>
<tr>
<td>Bob</td>
<td>41 48 1564</td>
<td>124 13 1282</td>
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<td>White washed log on the beach.</td>
</tr>
<tr>
<td>Lago</td>
<td>41 48 1201</td>
<td>124 13 1336</td>
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<td>Object</td>
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<td>Longitude</td>
<td>D.M.</td>
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<tr>
<td>Try</td>
<td>41 48</td>
<td>551</td>
<td>124 14</td>
<td>213</td>
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<tr>
<td>Ban</td>
<td>41 43</td>
<td>215</td>
<td>124 14</td>
<td>357</td>
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<td>Log</td>
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<td>1721</td>
<td>124 14</td>
<td>512</td>
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<td>Pole</td>
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<td>1368</td>
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<td>1022</td>
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<td>547</td>
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<td>Nox</td>
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<td>694</td>
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<td>1072</td>
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<td>Maud</td>
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<td>381</td>
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<td>Statute miles of shore line</td>
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<td>Statute miles shore line of lakes</td>
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<td>Statute miles of creeks</td>
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<td>Statute miles of roads</td>
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<td>Square statute miles topography</td>
<td>11.00</td>
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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 Letter: E

REGISTER NO. 4405

State: CALIFORNIA

General locality: NORTHERN CALIFORNIA Point St. George

Locality: NORTH OF CRESCENT CITY Lake Earl

Scale: 1:10,000

Date of survey: AUG. 3 to 29, 1928

Vessel: STR. DISCOVERER

Chief of Party: F. G. ENGLE

Surveyed by: A. C. THORSON

Inked by: A. C. T.

Heights in feet above MHW to ground ______

Contour interval 20 feet

Instructions dated: MARCH 13, 1928

Remarks: