**DEPARTMENT OF COMMERCE**

**U.S. COAST AND GEODETIC SURVEY**

**State:** Florida

**DESCRIPTIVE REPORT.**

Field sheet A  
TOPO  
Sheet No. 4241

**LOCALITY:**

<table>
<thead>
<tr>
<th>Off Pensacola</th>
<th>Gulf Coast, Florida</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part</td>
<td>Position of Santa Rosa Island</td>
</tr>
<tr>
<td></td>
<td>West of Pensacola, Fla.</td>
</tr>
</tbody>
</table>

1926 - 1927

**CHIEF OF PARTY:**

Ray L. Schoppe
DESCRIPTIVE REPORT

TOPOGRAPHIC SHEET

SANTA ROSA ISLAND, FLA.

STEAMER BACHE, FEBRUARY 1927.
AUTHORITY -- By instructions to Commanding Officer Steamer
BACHE dated October 12, 1926 topography on this sheet was
carried on during the months of November, December, 1926 and
January 1927.

LIMITS -- This sheet includes the North and South shore-
lines of Santa Rosa Island from Long. 86° 44.3'W to Long. 87°
61.1'W where it overlaps about a mile of the work done by the
Steamer RANGER in 1920.

GENERAL DESCRIPTION OF COAST -- The shore line on both sides
of Santa Rosa Island has a sandy beach. On the South or Gulf
side of island the shore is perfectly straight. On the North
side of island the shore is very jagged consisting of many
small inlets with here and there a point and a bight. The
island has practically no grass or trees, being entirely sand
with many sand dunes of various sizes, some in groups or ranges
and some just single dunes by themselves.

CONTROL AND METHOD OF SURVEY -- Control was obtained from
recovered triangulation stations on the mainland across the
sound from Santa Rosa Island. One triangulation station only
being recovered on the island itself.
The method used was that of three point fixes and stadia traverse. The latter being used where a three point fix was not possible and where the topography was in advance of recovered stations. From about opposite LONG 2 to the end of sheet stadia traverse was used and without the aid of three point fixes on triangulation stations as it was not possible to do so. Triangulation stations were to be recovered along here but a suspension of work was ordered.

STATISTICS  - - - Statute miles of shore line  42.5
Number of triangulation stations  9
Number of hydrographic signals  18
Number of recoverable plane table positions  8
<table>
<thead>
<tr>
<th><strong>Object &amp; Description</strong></th>
<th><strong>Lat.</strong></th>
<th><strong>D. M.</strong></th>
<th><strong>Long.</strong></th>
<th><strong>D. P.</strong></th>
<th><strong>Remarks</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BUNCH TIMBER (Front Light)</strong></td>
<td>30-23</td>
<td>1246.4</td>
<td>86-53</td>
<td>233.9</td>
<td>TOP</td>
</tr>
<tr>
<td><strong>BUNCH TIMBER (Rear Light)</strong></td>
<td>30-23</td>
<td>1571.2</td>
<td>86-52</td>
<td>1463.8</td>
<td>TOP</td>
</tr>
<tr>
<td><strong>LOWER FRITCHARD LONG POINT.</strong></td>
<td>30-23</td>
<td>1528.2</td>
<td>86-49</td>
<td>1447.1</td>
<td>TOP</td>
</tr>
<tr>
<td><strong>UPPER FRITCHARD LONG POINT.</strong></td>
<td>30-23</td>
<td>1541.3</td>
<td>86-47</td>
<td>1064.5</td>
<td>TOP</td>
</tr>
<tr>
<td><strong>EGG -- (110 foot signal marked with 2&quot; pipe 10 ft. long set in concrete)</strong></td>
<td>30-23</td>
<td>377.2</td>
<td>86-50</td>
<td>1206.7</td>
<td>TOP</td>
</tr>
<tr>
<td><strong>KAY -- (110 ft. sig.)</strong></td>
<td>30-23</td>
<td>1320.1</td>
<td>86-45</td>
<td>1125.6</td>
<td>TOP</td>
</tr>
<tr>
<td><strong>MAST -- (Wrecked ship on shore, high and dry)</strong></td>
<td>30-21</td>
<td>1068.3</td>
<td>86-58</td>
<td>1473.7</td>
<td>Top of most southerly mast.</td>
</tr>
<tr>
<td><strong>SHIP -- (Wrecked ship on beach)</strong></td>
<td>30-23</td>
<td>590.4</td>
<td>86-46</td>
<td>1106.8</td>
<td>Main mast at yard arm.</td>
</tr>
</tbody>
</table>
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. A

REGISTER NO. 4241

State...Florida

General locality...Off Pensacola

Locality...Part of Santa Rosa Island

Scale...1:20000 Date of survey...Nov. and Dec., 1926

Vessel...Bache

Chief of Party...Ray. Schooge

Surveyed by...E. G. Johnson

Inked by...E. G. Johnson

Heights in feet above...to ground to tops of trees

Contour, Approximate contour, Form line interval...feet

Instructions dated...October, 1926

Remarks: Sheet uncompleted. See Director's letter dated

January 18, 1927 File 14-R-5