

4551

Form 504  
Ed. June, 1928

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

R. S. Patton Director

State: Florida

DESCRIPTIVE REPORT

*Topographic*

*Hydrographic*

Sheet No.

4551  
**4551**

LOCALITY

West Coast

South Shore of Santa

Rosa Island

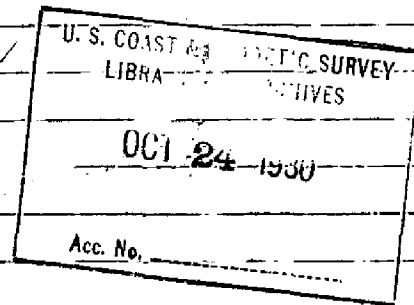
1930

CHIEF OF PARTY

F. L. Peacock

ORIGINAL

DEPARTMENT OF COMMERCE  
U.S. COAST AND GEODETIC SURVEY  
R.S. Patton, Director.



DESCRIPTIVE REPORT  
Topographic Sheet, Field Letter A.  
Santa Rosa Island, East of Pensacola, Florida.  
1930

Fred. L. Peaddock, H. & G.E., C. & G. Survey,  
Chief of Party.

DESCRIPTIVE REPORT  
Topographic Sheet, Field Letter A.

Santa Rosa Island, East of Pensacola, Florida.

INSTRUCTIONS:

This topography is a part of Project No. 54, instructions for which were dated January 29, 1930.

PURPOSE:

The primary reason for this survey was the location of signals for inshore launch hydrography, and, while traversing the beach for the location of signals, the shore line was relocated.

EXTENT:

This sheet includes the outer shore line between longitude 87° 00' 40" and longitude 86° 46' 15" and covers area previously covered by sheet T-4241 in 1926.

SURVEY METHODS AND CONTROL:

A plane table traverse was run along the entire length of the shore line, using as control, triangulation stations: RED, AGASSIZ 2, PEAK 3, COVE 3, JOHN 3, TUCK 3, and BEACH 3. Between stations RED and JOHN 3, distance on the traverse was measured with a 100 meter wire. Between station RED and signal WEST, distance was obtained by stadia, running back to station RED as a check. Traverse from JOHN 3 to BEACH 3 was by stadia. Between stations JOHN 3 and TUCK 3, the traverse closed with an error of 10 meters, which was adjusted. Between stations TUCK 3 and BEACH 3 the closing error was 8 meters, which was adjusted. All other traverses closed with errors too small to adjust.

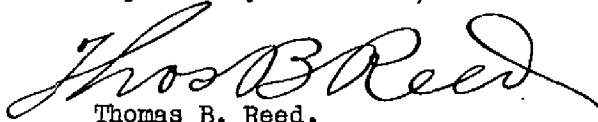
GENERAL DESCRIPTION:

This area is low and composed of a fine white sand which shifts freely in the wind forming in dunes about thirty to forty feet in height. About a quarter of the area is covered with scrub vegetation with a few scrub trees in some of the more sheltered places. Since there is nothing along this stretch of beach prominent enough for charting as a permanent landmark; and none of the topographic signals are very permanent, no list of plane table positions is submitted with this report.

Most of the shore line relocated has built out somewhat to seaward, as much as forty meters in places. The high water line is well defined along this section. There is only from ten to twenty meters between the high and low water line along the entire sheet.

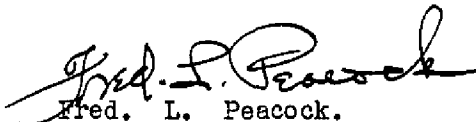
During the progress of the work a visual inspection was made of the shore line on the north side of Santa Rosa Island and no changes were noted since the 1926 survey (Sheet T4241).

Respectfully submitted,

A handwritten signature in cursive script, reading "Thos B Reed".

Thomas B. Reed.  
Jr. H. & G.E. C. & G. Survey.

Approved and Forwarded

A handwritten signature in cursive script, reading "Fred. L. Peacock".

Fred. L. Peacock.  
H. & G. E., Chief of Party.

# LIST OF STATISTICS

Topographic Sheet, Field Letter A.

Santa Rosa Island, East of Pensacola, Florida.

Statute Miles of Shore Line.	14.4
Statute Miles of Roads and Railroads.	0.0
Statute Miles of Creeks and Rivers.	0.0
No. of Plane Table Signals Located.	41.0

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

REG. NO.

4551

## 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 AREGISTER NO. 4551State FloridaGeneral locality West CoastLocality Part of South Shore of Santa Rosa IslandScale 1:20,000 Date of survey April, 19<sup>30</sup>Vessel OCEANOGRAPHERChief of Party Fred. L. Peacock.Surveyed by Thos. B. ReedInked by Thos. B. Reed

Heights in feet above \_\_\_\_\_ to ground to tops of trees

Contour Approximate contour Form line interval \_\_\_\_\_ feet

Instructions dated January 29, 19 30

Remarks: \_\_\_\_\_