

4241

4241

Form 504
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
State: Florida
11-5613
DESCRIPTIVE REPORT.
Field sheet A
TOPO Sheet No. 4241
LOCALITY:
Off Pensacola
Gulf Coast, Florida
Part
Position of Santa Rosa Island.
East of Pensacola, Fla.
1926 - 1927
CHIEF OF PARTY:
Ray L. Schoppe

DESCRIPTIVE REPORT  
TOPOGRAPHIC SHEET  
SANTA ROSA ISLAND, FLA.  
STEAMER BACHE, FEBRUARY 1927.

DESCRIPTIVE REPORT OF TOPOGRAPHIC SHEET

SANTA ROSA ISLAND, FLORIDA

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.  $86^{\circ} 44.3'W$  to Long.  $87^{\circ} 01.1'W$  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

# PLANE TABLE POSITIONS

Object & Description	Lat.	D. M.	Long.	D. P.	Remarks
BUNCH TIMBER (Front Light)	: 30-23	: 1246.4	: 86-53	: 233.9	: TOP
BUNCH TIMBER (Rear Light)	: 30-23	: 1571.2	: 86-52	: 1463.8	: TOP
LOWER PRITCHARD LONG POINT.	: 30-23	: 1528.2	: 86-49	: 1447.1	: TOP
UPPER PRITCHARD LONG POINT.	: 30-23	: 1541.3	: 86-47	: 1064.5	: TOP
EGG - - (110 foot signal marked with 2" pipe 10 ft. long set in concrete)	: 30-23	: 377.2	: 86-50	: 1206.7	: TOP
KAY - - (110 ft. sig.)	: 30-23	: 1320.1	: 86-45	: 1125.6	: TOP
MAST - - ( Wrecked ship on shore, high and dry)	: 30-21	: 1068.3	: 86-58	: 1473.7	: Top of most southerly mast.
SHIP - - (Wrecked ship on beach)	: 30-23	: 590.4	: 86-46	: 1106.8	: Main mast at yard arm.

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

REG. NO.

4241

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 Gulf of Mexico Off Pensacola

Part of Santa Rosa Island

Locality ~~Santa Rosa Island, Off Pensacola~~

Scale 1:20000 Date of survey Nov. and Dec., 1926  
January, 1927

Vessel Cache

Chief of Party Ray L. Schompe

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 12, 1926

Remarks: Sheet uncompleted, See Directors letter dated

January 18, 1927 File 14-r.s.