

4358

Form 504

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

....., Director

B. & G. SURVEY

L. & A.

AUG 21 1928

Acc. No.

State: Florida

DESCRIPTIVE REPORT

Topographic

~~Hydrographic~~

Sheet No. ²

4358

LOCALITY

E. Coast

Cape Canaveral

1928

CHIEF OF PARTY

R.L. Schoppe

GOVERNMENT PRINTING OFFICE

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DEPARTMENT OF COMMERCE
U.S.COAST AND GEODETIC SURVEY
E. LESTER JONES, DIRECTOR.

DESCRIPTIVE REPORT

to accompany

TOPOGRAPHIC SHEET #2 4358

CAPE CANAVARAL, FLA.

1928

S.S. RANGER

R.L.Schoppe,
Chief of Party

Revised May 16

DESCRIPTIVE REPORT
to accompany
TOPOGRAPHIC SHEET #2

Cape Canaveral, Fla.

LIMITS OF SHEET:

This survey extends from Cape Canaveral, north, a distance of two miles. The work lies between the limits of the meridians $80^{\circ} 31'$ and $80^{\circ} 33'$ and the parallels $28^{\circ} 27'$ and $28^{\circ} 30'$.

GENERAL DESCRIPTION:

The shore line in this strip of coast is a broad sandy beach about thirty (30) meters wide at low tide. The high watermark is a sandy bank two or three meters high covered with a thick growth of palmetto palms and bush. The country in back of the high water mark is flat and thickly covered with bushes with occasional clumps of palmetto palms.

SURVEY METHODS:

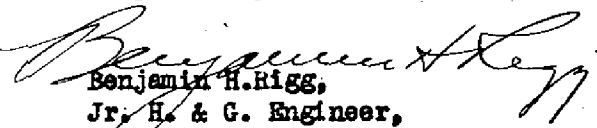
The table was set up at Cape Canaveral (Old light house), the foundation of which remains and was oriented on the new light house. From this point a traverse was run to the end of the work on this sheet. The traverse was run along the top of the bank marking the high water mark. Check rod readings were taken on each set up and re-sections as a check were taken on the new light house.

The position of the wreck shown on the sheet was obtained by plane table cuts.

I had hoped to check the traverse on station BURNHAM but the station now is under water. From local information I learned that the beach in this locality is liable to change due to storms.

This traverse was run primarily to locate the wreck marked near the northern extremity of the work but due to the changes in the shore line it was felt advisable to finish inking the sheet and send it into the office. The high water mark shown is practically the present shore line. Due to the limited time only part of the low water line was shown.

Respectfully submitted


Benjamin H. Rigg,
Jr., H. & C. Engineer,
Topographer.

STATISTICS SHEET #2

TOPOGRAPHY OF CAPE CANAVERAL,
FLORIDA.

New area surveyed in square statute miles	0.0
Area resurveyed in square statute miles	0.0
Length of detailed shoreline in statute miles	2.0
Length of shoreline, rivers and creeks resurveyed in statute miles.	0.0
Length of roads in statute miles	0.0

IN REPLY ADDRESS THE DIRECTOR
U. S. COAST AND GEODETIC SURVEY
AND NOT THE SIGNER OF THIS LETTER

AND REFER TO No. 11-DRM

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

WASHINGTON

September 20, 1928.

SECTION OF FIELD RECORDS

Report on Topographic Sheet No. 4358

Cape Canaveral, Florida

Surveyed in 1928

Instructions dated April 19, 1928 (RANGER)

Chief of Party, R. L. Schoppe.

Surveyed and inked by B. H. Rigg.

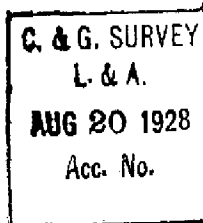
1. The records as well as the plan and character of the survey conform to the requirements of the General Instructions.
2. The plan and extent of the survey satisfy the specific instructions.
3. The shoreline at the northern end of the survey has receded 130 meters since the last survey (made in 1876-7) and at the southern end it has receded 40 meters. The work fails to join with the previous survey by the distances stated.
4. No additional surveying is needed until it is found possible to make a resurvey of the entire coast in the locality.
5. The purpose of this survey was to locate the remains of the wreck of the Steamer ALBERT SOPER. Additional details regarding it will be found in letter 271 (1928), Chart Division files.
6. The character and scope of the surveying and field drafting are excellent.
7. Reviewed by E. P. Ellis, September, 1928.

Approved:


Chief, Section of Field Records (Charts)


Chief, Section of Field Work (H. & T.)

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY



REG. NO.
4358

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. 2

REGISTER NO. ⁴³⁵⁸
4358

State FLORIDA

General locality East Coast

Locality Cape Canaveral

Scale 1:10,000 Date of survey May 14, 1928

Vessel R A N G E R

Chief of Party R.L.Schoppe

Surveyed by B.H.Rigg

Inked by B.H.Rigg

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

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

Instructions dated April 19, 1928

Remarks: The primary object of this survey was the location
of a wreck lying off the beach some two miles north of Cape
Canaveral Lighthouse.

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