

Graphic Control

4539

Form 504  
Ed. June, 1928

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

G. & B. SURVEY  
L. & A.  
JUL 24 1930  
Acc. No.

State: Florida

DESCRIPTIVE REPORT

Topographic  
~~Hydrographic~~

Sheet No. **4539**

LOCALITY

East Coast, Indian River  
South of Fort Pierce Inlet

1930.

CHIEF OF PARTY

C. A. Egner

U. S. GOVERNMENT PRINTING OFFICE: 1928

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DESCRIPTIVE

REPORT

Topographic Sheet "K" 4539

Ft. Pierce Inlet, St. Lucie  
South, Co. Fla.

Motor Vessel Natoma,

C.A. Egner, Commanding.

1:20,000 Season 1930

DESCRIPTIVE REPORT

to accompany

TOPOGRAPHIC

SHEET "E"

of

Ft. Pierce Inlet, south, St. Lucie  
County, Florida.

1:20,000 Scale.

M.V. Natoma,            C.A. Egner, Commanding.

Season, 1930.

DESCRIPTIVE REPORT TO ACCOMPANY

SHEET "F"

ST. LUCIE COUNTY - EAST COAST FLA.

INSTRUCTIONS: The work was done under Instructions (project #49) dated December 20, 1929.

METHODS: The work was done in accordance with usual Coast Survey methods. Triangulation stations, located approximately four miles apart, furnished control, and the shore line and other topographic detail was located by ordinary traverse. Since the errors of closure fell within the prescribed limits, they were adjusted by the adjustment diagrams.

LIMITS: The sheet covers the area from Fort Pierce Inlet southward to triangulation station "THIN", where it overlaps topographic sheet "D".

DESCRIPTION: The shore line as a whole consists of a sloping sandy beach, with the grass line or storm high water line marked by a distinct bank, varying from one to three feet in height. Northward from triangulation station "THIN" for a distance of about  $3\frac{1}{2}$  miles, along the beach, there is a line of scattered rocks, whose inner edge is awash at low water.

INSERTS: The 1:10,000 scale inserts were made to show the topography around triangulation stations "WALTON" "KIRKART" and "WHITE", to be used in the reduction of photographs.

STATISTICS: Statute miles of shoreline - 10.8

Respectfully submitted,

*James C. Tison, Jr.*  
J.C. Tison, Jr.,  
D.O., U.S.C & G.S.

PLANE-TABLE POSITIONS

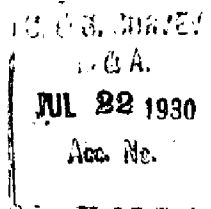
STATION:	LATITUDE:	D.M.	LONGITUDE	D.P.	HEIGHT	REMARKS
1. Bea	27° 28'	<sup>Meters</sup> 745(1102)	80° 17'	<sup>Meters</sup> 894(753)	30'	Range Beacon lighted.
2. Cas	27° 28'	350 (1496)	80° 17'	793(894)		N.E. Corner Beach Casino.
3. Yel	27° 27'	1386(461)	80 17	575(1073)		N.E. Corner 2-story yellow frame house.
4. Stuc	27 27	1243(604)	80 17	512(1136)		N.E. Corner Stucco house.
5. Cent	27 26	1725(122)	80 16	1614(34)		Center of old frame ho.
6. Lot	27 25	1564(283)	80 16	942(706)		Banner signal.
7. Roof	27 22	1325(521)	80 15	324(1325)		South gable of old bath-house.
8. Shoe	27 21	1147(699)	80 14	996(653)		Banner signal
9. It	27 20	1800(46)	80 14	493(1156)		" "
10. Girl	27 20	1028(819)	80 14	158(1491)		" "
11. Trip	27 20	111(1736)	80 13	1505(144)		" "

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Form 537a  
11-5813

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY



REG. NO.

4539

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. "E"

REGISTER NO. **4539**

State Florida

General locality East Coast, Indian River

Locality South of Fort Pierce, Inlet, St. Lucie County

Scale 1:20,000 Date of survey May, 1930

Vessel Motor Vessel Natoma

Chief of Party C.A. Egner,

Surveyed by J.C. Tison

Inked by J.C. Tison

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

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

Instructions dated December 20, 1929, 192

Remarks:.....