

Graphic Control

4533

Form 504  
Ed. June, 1928

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

R.S. Patton, Director

State: Florida

DESCRIPTIVE REPORT

Topographic  
~~Hydrographic~~

B  
Sheet No.

4533

LOCALITY

East Coast

St Lucie Inlet

1930

CHIEF OF PARTY

C.A. Egner

U. S. GOVERNMENT PRINTING OFFICE: 1928

Graphic Control

Graphic Control

C. & G. SURVEY  
L & A  
MAY 20 1930  
Acc. No.

DESCRIPTIVE

REPORT

Topographic Sheet "B"

St. Lucie Inlet Florida

Motor Vessel Natoma

C.A. Egner, Commanding.

1:10,000

Season 1930

DESCRIPTIVE REPORT

to accompany

TOPOGRAPHIC

SHEET "B"

St. Lucie Inlet

Florida.

1:10,000 Scale.

Motor Vessel Natoma,

C.A. Egner, Commanding.

Season 1930.

DESCRIPTION TO ACCOMPANY SHEET "B"

ST. LUCIE INLET, EAST COAST, FLORIDA

INSTRUCTIONS: The work was done under Instructions (project 449) dated December 20, 1929.

METHODS: The work was done in accordance with usual Coast Survey methods. Triangulation in advance of the topographic furnished control. Closing errors were adjusted by the adjustment diagram.

DESCRIPTION: The St. Lucia Inlet is a man-made inlet and not a natural inlet. Sand from the channel has been pumped into dykes on the south-side of the inlet. The north side is lined with trees and overhanging mangrove. The channel is poorly marked and the project for improving it appears to have been abandoned. Great Pocket which is inside and south of the inlet, is lined with overhanging mangrove. The signals used in Great Pocket were located along the edge of the mangrove. Because of the thickness of this mangrove on the east side, high water line determination was impossible. On the west side, however, the high water line lies five to ten meters inside the outer edge of mangrove.

PHOTO-CONTROL  
WORK:

Around each triangulation station, detail which shows up well on the photographic prints was carefully rodded in.

STATISTICS: Statute miles of shore line: 10.4

Respectfully submitted

*Fred A. Riddell*

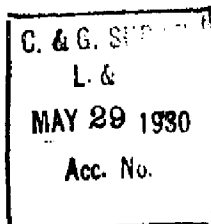
F.A. Riddell  
Aid

*Respectfully forwarded*  
*C. H. Egner*  
*Cordy Watson*

# PLANE TABLE POSITIONS

STATION	LATITUDE	D.M.	LONGITUDE	D.P.	HEIGHT	REMARKS
1. Pat	27° 07'	(238)	80 08	--	(730)	Banner signals
2. Dole	27 08	50(1800)	80 08		(623)	"
3. Trit	27 08	345(1500)	80 08		(528)	"
4. Bite	27 08	470(1378)	80 08		(468)	"
5. Stump	27 08	510(1342)	80 08		(512)	"
6. Drop	27 08	616(1231)	80 08		(412)	"
7. Mile	27 08	810(1037)	80 08		(315)	"
8. Sig	27 08	1015(832)	80 08	1386	(266)	"
9. Wrap	27 08	1209(638)	80 08	1455	(197)	"
10. Gros	27 08	1600(247)	80 08	1523	(127)	"
11. Able	27 09	245(1602)	80 09	83	(1569)	"
12. Bank	27 09	581(1266)	80 09	301	(1351)	"
13. Cat	27 09	872(975)	80 09	569	(1083)	"
14. Haw	27 09	1137(710)	80 09	768	(880)	"
15. Chan	27 09	1093(754)	80 09	1006	(646)	"
16. Spit	27 09	1429(418)	80 09	1000	(652)	"
17. Post	27 10	26(1821)	80 09	782	(870)	"
18. Ded	27 10	554(1393)	80 09	830	(822)	"
19. Hak	27 10	922(925)	80 09	890	(762)	"
20. Kit	27 10	1243(604)	80 09	946	(706)	"
21. Non	27 10	1540(307)	80 09	998	(654)	"
22. Naw	27 10	205(---*) <del>128(654)</del>	80 12	1318	(330)	"

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY



REG. NO. 4533

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. "B"

REGISTER NO. 4533

State Florida

General locality East Coast

Locality St. Lucie Inlet, ~~Martin County~~

Scale 1:10,000 Date of survey February, 192<sup>30</sup>

Vessel M.V. Natoma

Chief of Party C.A. Egner

Surveyed by F.A. Riddell

Inked by F.A. Riddell

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated December 20, 192<sup>9</sup>

Remarks: