

1. *U. pinnatifida* (L.) (Fig. 1)

Form 504

DEPARTMENT OF COMMERCE

U.S. COAST AND GEODETIC SURVEY

State: *Florida*

11-5613

DESCRIPTIVE REPORT.

Topographic Sheet No. (B) *"B4066"*

LOCALITY:

*East Coast of Florida*

*Bikes Prairie to Halifax Beach*

191

CHIEF OF PARTY:

*J.H. Hawley*

# DESCRIPTIVE REPORT

To accompany

TOPOGRAPHIC SHEET "B"

Northeast Coast of Florida.

Lat. 29°35' to Lat. 29° 21'

U.S.S. LYDONIA

J. H. Hawley, Com'd'g.

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Scale, 1/20,000

Date, January & February, 1924.

The topography executed on this sheet was for revision of the present charts, and was surveyed by a sub-party from the Str. Lydonia.

The method used in making this survey was the usual plane table and stadia method.

The portion of the chart between station Rheems and station Nine was surveyed in January and February, the party leaving Jacksonville, January 28th, and returning to Jacksonville February 9th, quarters were had, during this period at Flagler Beach Florida.

Twenty-two (22) small signals were built and located, also six (6) objects were located to be used by the launch hydrographic party. They are given in an accompanying list of plane table positions.

The following traverses were run, with their approximate length and error of closure, from station Haulover to station Rheems, a distance of 9687 meters: error of closure 70 meters. The traverse was rerun when party returned to Flagler beach March 12, there was no error in this second traverse. From station Haulover to station Bard a distance of 4206 meters: no error. From station Bard to, station Oso a distance of 8747 meters: error of closure 50 meters. This traverse was rerun with a closure of 15 meters, this traverse was adjusted. From station Oso to station Nine a distance of 4198 meters, error of closure 15 meters, this traverse was adjusted.

There is one small settlement, Flagler Beach, shown, which has not heretofore been charted. Flagler Beach consists of a few cottages and two stores.

Along the shoreline for the entire length of the sheet, excepting near station Rheems is a well packed sandy beach. The portion left bare at low water is sufficiently hard to support a vehicle. Near station Rheems the portion left bare at low water is covered with boulders, which makes it dangerous to land a small boat in the section under any weather conditions. The sand barriers beginning just back from the high water mark are the same as shown on old chart. The land back from the sand dunes is low and flat and is covered with palmettoes and scrub oak for a distance of three quarters of a mile. Here the timber begins and has the appearance from the sea as being very dense and about fifty to seventy feet tall.

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The form, landmarks for charts, is submitted with this report, giving position of one land mark. This being a fishing dock at Flagler Beach, Fla. it extends about two hundred feet from the shore, and can be seen as a black spot on the white beach for several miles off shore.

Magnetic meridians were drawn at stations Rheems, Haulover and Refuge.

Respectfully submitted.

*E.M. Denbo*

E.M. Denbo, Aid, Topographer.

April 30, 1924.

*Approved  
J.H. Hawley  
Comdg*

\* Filed as letter #40 of 1925 in files of Chart Div.

PLANE TABLE POSITIONS

HYDROGRAPHIC NAME	LATITUDE		D.M. 'Meters'	LONGITUDE		D.P. 'Meters'	REMARKS AND DESCRIPTION
Fen	29	34	(541) 1306	81	10	(859) 756	Temporary, small signal
Bow	29	34	(1200) 647	81	10	(1101) 514	Temporary, small signal
Dan	29	33	(145) 1702	81	10	(1392) 223	Temporary, small signal
Bad	29	33	(742) 1105	81	09	(17) 1598	Temporary, small signal
Fog	29	33	(1424) 423	81	09	(308) 1307	Temporary, small signal
Hal	29	32	(750) 1097	81	09	(808) 807	Temporary, small signal
Mar	29	32	(1547) 300	81	09	(1153) 462	Temporary, small signal
Bell	29	31	(567) 1280	81	09	(1512) 104	Standard, U.S.C. & G. Mark
Campbell	29	31	(426) 1421	81	09	(1411) 205	Standard, U.S.C. & G. Mark
Den	29	31	(919) 928	81	08	(71) 1545	Temporary, small signal
Dot	29	31	(1847) 00	81	08	(481) 1135	Temporary, small signal
Mat	29	30	(827) 1020	81	08	(863) 753	Temporary, small signal
Dog	29	29	(513) 1334	81	08	(1476) 140	Temporary, small signal
Fat	29	29	(1223) 624	81	07	(180) 1436	Temporary, small signal
Gob	29	29	(1585) 262	81	07	1308 (308)	Cement house, seaward gable
Dock	29	28	(1671) 176	81	07	(580) 1036	End of fishing dock
But	29	28	(420) 1427	81	07	(596) 1020	Chimney on red house
Tank	29	27	(559) 1288	81	07	(1436) 180	Water tank, back of house
You	29	27	(1417) 430	81	06	(182) 1435	Temporary, small signal
Yap	29	26	(475) 1372	81	06	(534) 1083	Temporary, small signal
Refuge	29	26	(1550) 297	81	06	(944) 673	Tall hydrographic signal
Cat	29	26	(632) 1215	81	06	(1335) 282	Temporary, small signal
Pet	29	25	(1730) 117	81	05	(123) 1494	Seaward gable, Red house

PLANE TABLE POSITIONS

HYDROGRAPHIC NAME	LATITUDE		D.M. ' Meters'	LONGITUDE		D.P. ' Meters'	REMARKS AND DESCRIPTION
Ran	29	24	(733) 1114	81	05	(504) 1113	Temporary, small signal
Yel	29	24	(1550) 297	81	05	(796) 822	Temporary, small signal
C	29	23	(711) 1136	81	05	(1208) 410	Cupola, on lone house
Bun	29	23	(1366) 481	81	05	(1488) 130	Temporary, small signal
Pat	29	22	(235) 1612	81	04	(171) 1447	Temporary, small signal

Note ( ) inverse

ADDRESS THE DIRECTOR  
U. S. COAST AND GEODETIC SURVEY

AND REFER TO No. 4-DFM

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

WASHINGTON      January 24, 1925.

SECTION OF FIELD RECORDS

Report on Topographic Sheet No. 4066

Bikes Prairie to Halifax Beach

Surveyed in 1924

Instructions dated November 4, 1922

Chief of Party, J. H. Hawley.

Surveyed and inked by E. M. Denbo.

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 junctions with the adjoining sheets are satisfactory.
4. The character and scope of the surveying and field drafting are excellent.
5. Reveiwed by E. P. Ellis, January, 1925.

## TOPOGRAPHIC TITLE SHEET

The finished Topographic Sheet is to be accompanied by the following title sheet, filled in as completely as possible, when the sheet is forwarded to the Office.

U. S. Coast and Geodetic Survey.

Register No. (B) 4066

State **FLORIDA.**  
General locality **EAST COAST OF FLORIDA.**  
Locality **BIKES PRAIRIE to HALIFAX BEACH.**  
Chief of party **J. H. HAWLEY, COMMANDING.**  
Surveyed by **E. M. DENBO, JR. HYDROGRAPHIC & GEODETIC ENGINEER.**  
Date of survey **JANUARY-FEBRUARY 1924/**  
Scale **1/20,000**  
Heights in feet above  
Contour interval . . . . feet.  
Inked by **E. M. DENBO.** Lettered by **E. N. DENBO.**  
Records accompanying sheet (check those forwarded): Photographs,  
Descriptive report, Horizontal angle books, Field computations,  
Data from other sources affecting sheet

Remarks: