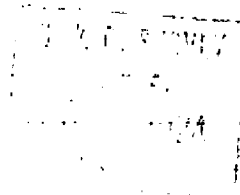


Graphic Control

4067



Form 504

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

State: Florida

11-5613

U. S. COAST AND GEODETIC SURVEY  
L. 2. 2  
DEC 2-1920  
470. 162

DESCRIPTIVE REPORT.

Topographic Sheet No. "C" 4067

LOCALITY:

East Coast of ~~Florida~~

Halifax Beach to Daytona

191

CHIEF OF PARTY:

J. H. Hawley

Graphic Control

4067

Graphic Control

DESCRIPTIVE REPORT

to accompany  
TOPOGRAPHIC SHEET "C"

Northeast Coast of Florida.

Lat.  $29^{\circ}21'$  to Lat.  $29^{\circ}00'$ .

U.S.S. LYDONIA.

Jean H. Hawley, Com'd'g.

\*\*\*\*\*

Scale, 1/20,000

Date, March, 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 statia method.

The portion of the chart between station Rheems and Longitude station at Daytona was surveyed in March, the party leaving Jacksonville, March 12th, and returning to Jacksonville March 28th, quarters were had during this period at Flagler Beach, Fla.

Eight (8) small signals were located and seven (7) objects were located to be used by the launch hydrography party. They are given in an accompanying list of plane table positions.

The following traverses were run with approximate length and error of closure, from station Arena to station Nine, a distance of 2989 meters; no error. From station Arena to station Homer, a distance of 8098 meters; no error. From station Homer to Daytona Longitudal station, a distance of 8323 meters, error of closure 100 meters. The traverse was rerun with no closing error second time.

From station Nine and extending south past Daytona Beach, Fla. the beach at low water is well packed white sand and is used for a drive way. The sand barrier beginning just back from the high water mark, are the same as shown on old chart. The land back from the sand dunes to the Halifax River is covered with palmettoes and scrub oak. Along the banks of the Halifax River, timber begins and extends inland, from the sea the trees have the appearance of being very dense and about fifty to seventy feet tall.

There are two incorporated towns on this sheet that are not shown on the old charts, Seabreeze, Fla. and Daytona Beach. Seabreeze has a population of about (2000) two thousand. Daytona Beach has a population of about three thousand (3000). These two towns are adjoining one another, and have the appearance from sea as being one city.

Accompanying this sheet is a blue print showing improvements at Ormond Beach. The common points on topographic sheet and blue print are, Coquina Hotel, Ormond Hotel, and main street leading to beach.

The form, Land Marks for Charts, is submitted with this report,\* giving positions of four landmarks. Coquina, station is a Moorish tower of the new Coquina Hotel at Ormond Beach, a polygonal tower with semi globular top surmounted by three superimposed brass balls. South, is a black iron water at Daytona Beach, is about 110 feet high. North is a black iron water tank at Seabreeze, is about 150 feet high and from the sea it appears as the highest water tank on shore. Clarendon, is flag staff in center of new Clarendon hotel at Seabreeze, from sea it has the appearance of a big rectangular building with a red roof.

Magnetic meridians was drawn at station Homer.

Respectfully submitted.

*E. M. Denbo*  
E.M. Denbo, Topographer.

April 30, 1924.

*Approved*  
*J. H. Hawley*  
*Commanding*

\* Filed as Letter No. 40 of 1925 in Chart Div. files.

-----PLANE TABLE POSITIONS-----

HYDROGRAPHIC NAME	LATITUDE		D.M. 'Meters'	LONGITUDE		D.P. 'Meters'	REMARKS AND DESCRIPTION
Wed	29	20	(602) 1245	81	03	227 1392	Temporary, small signal
Tex	29	21	(1709) 138	81	04	1524 95	Temporary, small signal
Bill	29	20	(1358) 488	81	03	533 1086	Temporary, small signal
May	29	19	(230) 1617	81	03	826 793	Temporary, small signal
Mac	29	19	(983) 864	81	03	1137 482	Temporary, small signal
Tom	29	19	(1363) 484	81	03	1267 352	Seaward gable of old house
Jig	29	18	(416) 1431	81	02	34 1595	Temporary, small signal
Fun	29	18	(1291) 556	81	02	402 1217	Seaward gable of red roof house
Phi	29	17	(83) 1764	81	02	664 955	White chimney of red roof house
Gil	29	16	(103) 1744	81	02	1465 155	Chimney on southward house of a group of houses
Set	29	16	(865) 982	81	01	185 1435	Temporary, small signal
Bat	29	15	(430) 1417	81	01	805 815	Temporary, small signal
Bud	29	14	(93) 1754	81	01	1441 179	Seaward gable of green house
Sea	29	13	(378) 1469	81	00	705 915	Seaward gable of Seabreeze Hotel
Fish	29	13	(650) 1197	81	00	1087 543	Seaward end of fishing dock

Note, ( ) inverse

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

WASHINGTON

January 24, 1925.

SECTION OF FIELD RECORDS

Report on Topographic Sheet No. 4067

Halifax Beach to Daytona, Florida

Surveyed in 1924

Instructions dated November 4, 1922

Chief of Party, J. H. Hawley.

Surveyed and inked by E. M. Denbo.

1. The records conform to the requirements of the General Instructions. Objects listed as landmarks on Form 567 should be fully described on that form, whereas some essential details are found only in the descriptive report.
2. The plan and character of the survey conform to the requirements of the General Instructions.
3. The plan and extent of the survey satisfy the specific instructions.
4. The junction with the adjoining survey to the northward is satisfactory.
5. The character and scope of the surveying and field drafting are excellent.
6. Reviewed by E. P. Ellis, January, 1925.

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

4067

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. **4067** (Field notation Sheet C)

State . . . . . **Florida** . . . . .

General locality **East Coast of Florida** . . . . .

Locality . . . . . **Halifax Beach to Daytona** . . . . .

Chief of party . **J.H.Hawley, Commanding** . . . . .

Surveyed by . . **E.M.Denbo, (j.g.) Hydrographic & Geodetic Engineer**

Date of survey . **March, 1924.** . . . .

Scale . . . . . **1/20,000** . . . . .

Heights in feet above . . . . .

Contour interval . . . . . feet.

Inked by **E.M.Denbo** . . . . . Lettered by **E.M.Denbo** . . . . .

Records accompanying sheet (check those forwarded): Photographs,

✓ Descriptive report, Horizontal angle books, Field computations,

Data from other sources affecting sheet **one blue print of Ormond.**

Remarks: