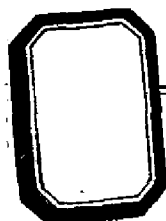


4203



Form 504

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

E. Lester Jones Director

C. & G. SURVEY

L. & A.

NOV 2 1926

State: Florida

DESCRIPTIVE REPORT

Topographic } Sheet No. G 4203
~~*Hydrographic*~~

LOCALITY

Tampa Bay
Lower Part of Boca Ciega Bay

South of Pulver Bridge

1926

CHIEF OF PARTY

Ray L. Schoppe

GOVERNMENT PRINTING OFFICE

3
0
2
4

DESCRIPTIVE REPORT
to accompany
TOPOGRAPHIC SHEET "G"

BOCA CIEGA BAY

FLORIDA

STEAMER BACHE

Ray L. Schoppe

Commanding

1926

DESCRIPTIVE REPORT

to accompany

TOPOGRAPHIC SHEET "G"

EXTENT:-

This sheet represents a survey of the shoreline bordering Boca Ciega Bay, Florida. Roughly, it includes all the landed area west of triangulation station MAXIMO, between the north end of Mullet Key and Pulver Bridge.

It joins Sheet "C" on the east and Sheet "H" on the north.

CONTROL:-

Recovered triangulation stations and newly established stations furnished the basic control but, due to the scarcity of such stations considerable graphic triangulation had to be done. This was especially true to the southern half of the area surveyed. Wherever possible the graphic locations were checked by theodolite cuts from triangulation stations.

METHOD:-

Three point fixes were used whenever possible in this survey but this method had to be supplemented by stadia traverse to a great extent. Stadia traverse was used almost entirely in surveying the numerous isolated keys of this area and in some instances where the keys were very minute in size, tangent rays were drawn to each from several good planetable fixes and the shoreline was sketched in using the rays as guides.

CHANGES IN SHORELINE:-

As no photostat was available for this area minor changes in the shoreline are unknown at this writing. A few marked changes are apparent however when the sheet is compared with Section Chart No. 177. Chief among these is the existence of several islets south of Pass-a-Grille which are not shown on the chart. The most prominent of these is the long narrow sand key on which signals Bar, Ude, and Uke are located. There is also considerable change in the shoreline on the bay side of Long Key in the vicinity of triangulation station Don. At this point real estate development companies have altered the shoreline to conform with artistic landscape layouts.

On the east side of Boca Ciega Bay, the two large sloughs near the town of Gulfport have greatly changed in contour due to the spreading of mangrove bushes.

LANDMARKS:-

A number of prominent landmarks were located by triangulation. Description of these will be found in the descriptions of triangulation stations.

Signal Nod is the top of the middle cupola of the Don-Cesar Hotel which is now nearing completion on Long Key. This Hotel shows up remarkable well in all directions. Its coordinates appear in the list of topographic positions.

NEW PLACE NAMES:-

The island on which triangulation station Tomlinson is located ^{transcribed as applying to two keys & c.} is known locally as Pine Key. Just north of this island is a mangrove key (Signal West is on the northern tip) known as Mud Key. The town of Gulfport is incorporated separately from the City of St. Petersburg and includes a part of Pasadena in its corporate limits. Its location is shown on the sheet. Pass-a-Grille is a separately incorporated town on the southern end of Long Key. It includes roughly the area between the southern extremity of the key and signal Nod.

REMARKS:-

Most of the islands of this area are covered with dense mangroves and the high water line is not well defined.

In representing the character of the vegetation over a large part of this area the topographer was guided by aeroplane photographs secured from the City of St. Petersburg and the various development companies. These photographs were of great assistance in showing the contour of small sloughs, creeks, etc., where it was impractical to extend the planetable survey. Blue prints furnished by the development companies combined with these photographs were invaluable in locating highways.

Numerous development projects are contemplated or are already under way in this area. It is doubtful if some of these companies will survive the present real estate slump.

The Don-Cesar and Pasadena developments will probably succeed. Pasadena is already well established as a town. Don-Cesar's activities are centered on the Don-Cesar Hotel which is well on the way to completion. Signal Don is the central cupola on this hotel.*

Monte-Cristo Isle is a development project in the vicinity of triangulation station Tomlinson. Triangulation station False is an observation tower built by this company. Prospects are doubtful for this project on account of its isolation. ^{this}

Ruppert Beach adjoins Don-Cesar on the north. Very little has been accomplished beyond placing street signs.

Mc Adoo Interests control the acreage at the western end of Pulver Bridge. This section may develop into a residential district eventually. This company has deeded the land immediately adjoining the gulf to the City of St. Petersburg and the section is known as St. Petersburg Beach. A large pavilion and a few bath houses have been erected and are now in use. A double line shows the board walk of St. Petersburg Beach on the sheet. The boardwalk indicates the approximate limits of the Beach.

* From Description of Triangulation station:-

Station is the temporary construction tower placed for the erection of the large Don Cesar Hotel. Refer to top. station NOD which is the center of tower surmounting this hotel for permanent point at this location. (Copied & c.)

The Pulver Corporation have plans for a new concrete bridge to replace the existing wooden toll bridge. A number of islands are to be dredged in along the line of the bridge. Nothing has been done on either project as yet.

The topographic positions are given for a number of the channel beacons. These beacons were not located by triangulation due to their temporary nature. The channel is constantly shifting and the beacons are shifted to conform with it.

The strong current running in Pass-a-Grille when the tide is moving at it's maximum speed causes the numerous keys in that vicinity to change slightly. High winds cause the sand keys to shift.

STATISTICS:-

56.5 miles of shoreline.
9.4 miles of roads.

Respectfully submitted,

James McCormick

Forwarded. Approved.

Ray L. Schoppe
Ray L. Schoppe.
Chief of Party.

Recoverable Positions:-

Description	: Latitude	: Longitude
	: 0 ' : D.M. :	: 0 ' : D.P. :
Cupola, office bldg.,	: : meters :	: : meters :
Ruppert Beach Dev. Co.(JAKE)	: 27 43 : 165 :	: 82 44 : 524 :
	: : : :	: : : :
Center Cupola, Don Cesar	: : : :	: : : :
Hotel. (NOD)	: 27 42 : 805 :	: 82 44 : 400 :
	: : : :	: : : :
Square white chimney, very	: : : :	: : : :
prominent. (WHITE)	: 27 41 : 1720 :	: 82 44 : 311 <i>blasted as prominent object</i>
	: : : :	: : : <i>02556 D.A.</i>
Red chimney (RED)	: 27 41 : 1584 :	: 82 44 : 237 :
	: : : :	: : : :
Chimney, grey stucco house.	: : : :	: : : :
(GRAY)	: 27 41 : 924 :	: 82 44 : 410 :

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO. 4203

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. "G"

REGISTER NO. 4203

State Florida

General locality ~~Gulf of Mexico~~ Tampa Bay

Locality ~~Lower Part of~~ ~~portion of~~ Boca Ciega Bay

Scale 1 / 10000 Date of survey May July, 1926

Vessel BACHE

Chief of Party R. L. Schoppe

Surveyed by G. M. Marchand, J. A. McCormick

Inked by G. M. Marchand, J. A. McCormick

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated June 3, 1924 December 3, 1925

Remarks: Topography in vicinity of Gulfport and Pasadena and on west side of bay above lat. 27 43 $\frac{1}{2}$ executed by J. A. McCormick. Remainder executed by G.M. Marchand.