6353a
6353b

Form 504
Rev. Dec. 1933

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY
R. S. PATTON, DIRECTOR

DESCRIPTIVE REPORT

Topographic
~~Hydrographic~~ } Sheet No. S & T

State Florida

LOCALITY
Apalachee Bay
~~West Coast~~

Ochlockonee Bay

1935

CHIEF OF PARTY

C. A. Egner.

U. S. GOVERNMENT PRINTING OFFICE: 1934

Form 537a
Ed. Nov. 1929

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

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. 6353a

Field No. S

REGISTER NO. 6353 a

State Florida

General locality ~~Gulf Coast~~ Apalachee Bay

Locality Ocholockonee Bay

Scale 1/10000 Date of survey June-July, 1935

Vessel Field Party #23.

Chief of party C. A. Egner.

Surveyed by S. E. Greicus, Observer.

Inked by Geo. Fortune, Surveor, C. A. Egner.

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated Supplemental June 5, 1935., 19

Remarks: Eastern portion of Ocholockonee Bay, the reverse side (Sheet T) covering the western portion.

gpo

D E S C R I P T I V E R E P O R T

to accompany

T O P O G R A P H I C S H E E T

S

Instructions

This work was done under Supplemental Instructions dated June 5, 1935, which extended the work undertaken in the vicinity of Apalachicola Bay in December 1934 called for by the original Instructions of Nov. 30, 1934.

Limits

These Supplemental Instructions extended the work as far east as St. Marks Lighthouse, on the Gulf Coast of Florida. This area involved all of the territory from Carrabelle eastward which had not been undertaken under the original Instructions. This sheet, covering the eastern portion of Ochlockonee Bay fell within the area to be surveyed. On a scale of 1/10000, it covers roughly half of this Bay.

Purpose

To revise existing surveys, and to bring up-to-date this general area, since aerial photographs now provide a more accurate basis; to provide control for hydrography; to establish recoverable stations for future revision work.

Methods and Instruments Used

The work was done with the usual planetable outfit. Since aerial photographs covered this area (although at the very eastern end of the flight) it was unnecessary to rod in the shoreline except to provide a check on the photo-compilation. The topography therefore consisted mainly in the location of signals for hydrography. This was done by intersection from triangulation station, and by resection from planetable 3-pt. fixes. Sections of shoreline adjacent to several triangulation stations was rodded in to supplement the photography and serve as a check on it.

Marking of Stations

Recoverable stations were provided by marking several by means of concrete monuments, at selected points. Standard Hydrographic bronze discs were placed in the tops of these monuments.

Landmarks

There are none worthy of comment except the new Ochlockonee Bay bridge, now nearly completed. The line of this bridge is shown on the sheet. A triangulation station (Highway) fixes accurately its position. The scaled azimuth of the line of the bridge is 4° 10'. Horizontal clearance at the boat opening is 36 ft.; Vertical Clearance 15' at M. L. W. There is no draw span.

Geographic Names.

Charted names have been accepted.

Vertical Control

None.

Horizontal Control

Based upon several stations of third order triangulation established in 1935, which in turn came from "breakdown" stations inserted at strategic points by the 1st order party under Lt. Anderson early in 1935. Chaires 1859, was recovered and used. This station was redetermined by the 1st order party.

Magnetic Meridian

Obtained at △ Chaires, June 25, 1935.

Method of transfer of signals to Hydro. sheet.

Recoverable stations by dms and dps; others by tracing.

Changes since previous surveys

Indeterminate, due to the fact that this is the first time aerial photographs have been used, and shoreline has, therefore not been rodded in.

Respectfully,

C. A. Egner.
For S. E. Greicus, Observer.

LIST OF RECOVERABLE STATIONS

Station	Latitude	meters	Longitude	meters	Description
Go	29 58	793 (1054)	84 22	19 (1590)	Bronze disc in 10"x10" conc. Mon.
Shak	29 58	454 (1394)	84 21	879 (730)	S. Gable of fish house.
Nut	29 57	450 (1397)	84 21	1091 (518)	Bronze disc in 10" x 10" conc. monument

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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.

6353 b

Field No. T

REGISTER NO. 6353 b

State Florida

General locality ~~Gulf Coast~~ Apalachee Bay

Locality Ochlockonee Bay

Scale 1/10000 Date of survey June -July, 1935

Vessel Field Party #23.

Chief of party C. A. Egner.

Surveyed by S. E. Greicus. Observer.

Inked by Geo. Fortune, Surveyor.

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated Supplemental June 5, 1935., 19

Remarks: Western portion of Ochlockonee Bay, the reverse side (Sheet S) covering the eastern portion.

GPO

D E S C R I P T I V E R E P O R T

to accompany

T O P O G R A P H I C S H E E T

T.

Instructions

Supplemental Instructions were dated June 5, 1935. These extended the work previously called for by the original Instructions of Nov. 30, 1934 as far east as St. Marks L. H. This sheet is a part of the work under the Supplemental Instructions.

Limits

This sheet covers the western portion of Ochlockonee Bay joining Sheet S on the east, which sheet is the reverse side of this double-backed bristol board. It is on a scale of 1/10000. It was intended to make a junction with work to be extended up the Ochlockonee River, but the sudden termination of the season due to lack of funds prevented any plans being carried out. In fact, this sheet provided for the control of that river for a distance of a mile or more, but no such work was done on it.

Purpose

To revise existing surveys, and to bring the charts up-to-date, in conjunction with aerial photographs; to provide control for hydrography; to establish recoverable stations for future revision.

Methods and Instruments T

The work was done with the usual planetable outfit. Since aerial photographs covered this area, it was unnecessary to rod in the shoreline, but sections of the shoreline were taken to serve as a check on the photos. Topography consisted mainly, therefore, in the location of signals for hydrography. This was done by intersection from the triangulation stations, by intersection from 3-pt. fixes with planetable, and by resection.

Control--Horizontal

Based on a scheme of third order triangulation established for the purpose of this control, using several stations located by the 1st order party under Lt. Anderson as "breakdown" stations. All work was on the 1927, N. A. datum.

Control--Vertical

None

Marking of Stations

For future recovery, several stations were marked in a permanent manner by means of concrete monuments, with a standard bronze disc (Hydrographic). These were distributed throughout the area to provide future "take-off" lines for the reestablishment of hydrographic control, and to tie down aerial photography taken later for check purposes.

Landmarks

None worthy of record.

Geographic Names

Charted ones have been retained.

Magnetic Meridian

Obtained at △ Bay, June 25, 1935.

Method of transfer of signals to Hydro. Sheet

Recoverable stations by dms and dps; others by tracing.

Changes since last survey

Indeterminate, since no aerial photography existed before, and no shoreline has been rodded in in this work.

Respectfully,

C. A. Egner.
For S. E. Greicus, Observer.

LIST OF RECOVERABLE STATIONS

Name	Latitude	meters	Longitude	meters	Description
Bla	29 58	738 (1109)	84 26	496 (1115)	Bronze disc in 10"x 10" conc. monument.
Gab	29 59	156 (1091)	84 25	592 (1018)	S. Gable of yellow cottage of Mr. Butler
Jo	29 59	58 (1790)	84 24	288 (1321)	Bronze disc in 10"x 10" cnc. Monument.
Mol	29 57	--- (822)	84 23	--- (156)	Do.
Rob	29 57	--- (855)	84 25	1255 (356)	Do.
Nuts	29 58	174 (1673)	84 23	----- (640)	S. Gable of old house.
Wet	29 57	--- (679)	84 23	---- (1443)	Water tower near S. end of bridge.