

6279

Graphic Control

Additional work

U. S. COAST & GEODETIC SURVEY
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Form 504
Ed. June, 1928

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
R. S. Patton, Director

State: Florida

DESCRIPTIVE REPORT

Topographic } Sheet No. A
Hydrographic }

LOCALITY
Vicinity of East Bay
Wetapper Canal
Intracoastal Waterway

193 5

CHIEF OF PARTY

Wm. D. Patterson, Lieut.

U. S. GOVERNMENT PRINTING OFFICE: 1923

6279

Additional work

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

Additional work
Graphic Control

T6279

Each Topographic and Graphic Control Sheet, and each Air Photographic Drawing should be accompanied by this form, completed so far as practicable, when forwarded to the Washington office.



Graphic Control *D. 20 12 63*

REGISTRY No. 6279

Field No. _____

Scale 1:20,000

State Florida General locality Gulf & Bay Counties

Specific locality Intra-coastal Waterway - White City

Dates: Survey began Dec., 1945 Completed Dec., 1945

Photography 18May45, Supplemented by ground surveys to Dec., 1945

Project No. Ph-1(45) Instructions dated 7Dec45; Sup. 1, 28Dec45; Sup. 2, 5Jan46

Vessel } or Share Party Chief of party Edmund L. Jones
Party }

Field work by I. I. Saperstein Office work by I. I. Saperstein

Final inking by I. I. Saperstein

Ground elevations } in feet above { M. H. W.
Treetop elevations } or { _____

Contours } by { Planetable } Interval _____ ft.
Approximate contours } { Multiplex }
Form lines } { _____ }

REMARKS _____



DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

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Project No. Ph-1(45) Instructions dated 7Dec45; Sup. 1, 28Dec45; Sup. 2, 5Jan46

Vessel or Shore Party Shore Party Chief of party E.L.Jones

Field work by I.I.Saperstein Office work by I.I.Saperstein

Final inking by I.I.Saperstein

Ground elevations _____ M. H. W.
Treetop elevations in feet above _____
or _____

Contours _____ Planetable
Approximate contours by _____ Multiplex Interval _____ ft.
Form lines _____

REMARKS:

DESCRIPTIVE REPORT TO ACCOMPANY
TOPOGRAPHIC SHEET REGISTRY NO. 6279

PROJECT: Ph-1(45) DATE OF INSTRUCTIONS: 7 Dec.45; 28 Dec.45

DATE OF FIELD WORK: Dec. 1945

PURPOSE: To locate on the sheet existing aids to navigation and make major topographic revisions where necessary in the original shore line and topographic detail.

FIELD WORK: The field work, consisting of additions and corrections to the original survey have been shown on the sheet in orange ink to distinguish them from the original work. Only these corrections and additions are discussed in this report.

AIDS TO NAVIGATION: There are no aids to navigation in the area covered by this sheet.

MAJOR TOPOGRAPHIC CHANGES: There were no topographic changes made directly on the metal mounted sheet since aerial photographs No. 3167 to 3171 and 3189 to 3203 cover this sheet and were available for field inspection.

LANDMARKS, GEOGRAPHIC NAMES, COAST PILOT CORRECTIONS, RECOVERY OF HO HORIZONTAL CONTROL, TOPOGRAPHIC CHANGES ON PLANIMETRIC MAPS, FIELD INSPECTION OF PHOTOGRAPHS, and DISCREPANCIES IN PUBLISHED BRIDGE DATA have been made the subject of a special report and is submitted by areas for this project. The area of this sheet is covered in Special Report, Project Ph-1(45), Carrabelle - Port St. Joe Area.

DISCREPANCIES IN PUBLISHED DESCRIPTIONS OF AIDS TO NAVIGATION have been reported by letter to the Director in accordance with instructions.

Submitted by

Irving I. Saperstein
Irving I. Saperstein
Engineering Aid

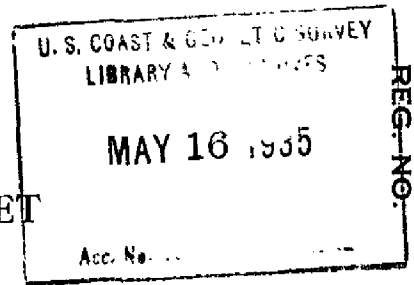
Approved and forwarded.

Edmund L. Jones
Edmund L. Jones
Chief of Party

No review by the Hydrographic Survey Section is necessary at the present time.

R.H. Carstens 5/3/46

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.

Field No. A..... *6279*

REGISTER NO. **T6279**

State..... *Florida*

General locality..... *Vicinity of East Bay*
~~*St. Andrew Bay*~~

Locality..... ~~*Wetpano Canal*~~ *Intracoastal Waterway*

Scale..... *1:20,000*..... Date of survey..... *Feb.*....., 19.. *35*

Vessel..... *Field Party No. 5*

Chief of party..... *Lieut. Wm. D. Patterson*

Surveyed by..... *V. A. Bishop*

Inked by..... *C. R. Smith*

Heights in feet above..... to ground to tops of trees

Contour, Approximate contour, Form line interval..... feet

Instructions dated..... *November 30*....., 19.. *34*

Remarks:.....

DESCRIPTIVE REPORT

TO ACCOMPANY

TOPOGRAPHIC SHEET (Field Letter "A").

WETAPPO CANAL (From R.O.W. 32-1935 to R.O.W. 85-1935)

FLORIDA

1 9 3 5

DATE OF INSTRUCTIONS:

Director's instructions as of November 30th., 1935.

GENERAL DESCRIPTION:

The land from R. O. W. 32-1935 westward to R. O. W. 47-1935 is very low and marshy. Generally this entire area is covered with a cypress swamp except along the banks of the canal where steep banks occur as a result from dredging. This embankment is covered with small pine and scrub trees extending to the waters edge. Usually these trees overhang the sides of the canal from two to six meters. There are numerous small bayous cutting back from the main channel. As these were of little note no time was used to locate them.

From R.O.W. 47-1935 to R.O.W. 73-1935 the land is more of a solid nature. Little swamp land occurs between these two stations. This area is covered with scattered pine and palmetto. The embankment as mentioned in above paragraph is quite similar. There are very few bayous in the area.

From R.O.W. 73-1935 to R.O.W. 85-1935 the land is low and marshy. The canal follows the river generally here and makes numerous small curves and bends. Little dredging was necessary in this area except for cutting off some of the river loops so as a result there is very little embankment. There are numerous places where the embankment is generally slipping into the canal due to excessive rains, however this has not seriously cut down on the width.

CHARACTER OF
CONTROL USED:

The entire control on this sheet was established in 1935 by Lieut. Anderson and computed on the N.A. 1927 datum. R.O.W. 32, 56, P.O.T. 1934, U.S.E. 5-1934, and POLE were established by the usual triangulation methods. All other geographic positions were computed from the data furnished from traverse run by U. S. Engineer's. All these marks were placed by the U. S. Engineer's.

DESCRIPTION
OF SURVEY:

From the character of the land as described in paragraph of "General Description" it was impossible to run this survey by the usual methods without excessive work. The Control stations (established by the U. S. Engineer's and computed by Lieut. Anderson) were placed at the bends in the canal and generally a planetable traverse was run (setting over control points) and distances cleared to the bends in the canal so rodding could be made. The straight parts connecting these different set-ups were not rodded as shown on sheet. However, whenever possible, the usual method of rodding was used.

CHARACTER
OF MARSH:

The marsh land is covered with a heavy growth of grass and brush. This is covered at high water in most places, extending at times as much as 1-foot over the ground. Considerable trouble was experienced in finding the high water in these marsh lands. At low water it was impossible for two men to pick the same H.W.L. Differences varying as much as 30-meters.

BRIDGES
AND FERRIES:

There is a pontoon bridge on Florida Route No. 6 over the canal at White City. This bridge must be opened for all craft, including a row boat. The lateral clearance is 45-feet. There is an auto ferry at Overstreet in operation at all times.

DESCRIPTION OF
CONTROL STATIONS:

With the exception of U.S.E. 5 all control stations were described by Lieut. Anderson.

COMPARISON WITH
PREVIOUS SURVEYS:

As there was no complete topographic survey of the canal previous to this, no comparison could be made. Parts shown on Chart No.184 are from $1/2$ to $1\frac{3}{4}$ miles to the north-east.

STATISTICS:

Sheet "A"

Scale 1-20:000

Area in square statute miles 8.0

Statute miles of shore line 41.0

Respectfully submitted,

Victor A. Bishop
Victor A. Bishop,
Surveyor.

Approved and forwarded;

Wm. D. Patterson
Wm. D. Patterson, Lieut.,
Chief of Field Party No. 5.

Additional notes by Chief of Party

Topographic Sheet "A"

After this sheet was inked it was loaned to the photo-
compilation party of Lieut. (j.g.) M. H. Reese for comparison.
Where the photo-plot failed to agree with the topo sheet, the
shore line as obtained by the photo-plot has been shown in pencil
on the topographic sheet. The differences are chiefly due to
the difficulty of any two observers estimating the high water line
in marshy areas within several meters of each other, and due to
errors in sketching by the topographer. The triangulation stations
are, in most cases, set back from the canal in tall grass and woods
from which the topographer had difficulty in rodding the shore line.
Where there is disagreement between the topographic sheet and the
photo-plot, it is recommended that the photo-plot be accepted as ←
more probably correct.

White City is a small store and gasoline station.

Overstreet is a postoffice and small settlement with a
small general store.

Respectfully submitted,

Wm. D. Patterson
Wm. D. Patterson, Lieut.,
Chief of Field Party No. 5.

REVIEW OF GRAPHIC CONTROL SURVEY T-6279, SCALE 1:20,000

Date of Review

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-~~5504~~5503 with particular attention to the following details:

- ✓(a) Projection has been checked in the Field.
- ✓(b) Accuracy of location of plane table control points.
- ✓(c) Discrepancies between detail on this survey and the air photo compilations listed above.
- ✓(d) Discrepancies found in descriptions submitted on Form 524 when compared with the air photo compilations listed above. *none*

2. Refer to the reviews and descriptive reports of air photo compilations Nos. T-~~5504~~5503 for a more complete discussion of any errors or discrepancies found.

Any material errors found on this survey are noted in subsequent paragraphs of this review, and these have been reported to the Field Records Section and the Cartographic Section.

Notes and corrections resulting from the review are shown on this survey in green.

T. Gosheer
8/5/35

This graphic control sheet has been compared with contemporary hydrographic surveys. No further review by the Hydrographic Survey section is necessary at the present time.
R.H. Cavatone 5/2/46