

9310

Diag. Cht. No. 1243.

Form 504

U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Topographic

Field No. Ph-35A(48) Office No. T-9310

LOCALITY

State Florida

General locality Tolomato River

Locality Durbin

1949-52

CHIEF OF PARTY
H.F. Garber, Chief of Field Party
J.E. Waugh, Tampa Photo. Office

LIBRARY & ARCHIVES

DATE December 17, 1959

B-1870-1 (1)

0136

DATA RECORD

T-9310

Project No. (II): **Ph-35A (48)** Quadrangle Name (IV):Field Office (II): **Manteo, North Carolina**Chief of Party: **Harry F. Garber**Photogrammetric Office (III): **Tampa, Florida**Officer-in-Charge: **J. E. Waugh**Instructions dated (II) (III): **30 December 1949**
Supplemental No. 1 8 March 1950Copy filed in Division of
Photogrammetry (IV)*Office Files*Method of Compilation (III): **Graphic**Manuscript Scale (III): **1:20,000**Stereoscopic Plotting Instrument Scale (III): **Inapplicable**Scale Factor (III): **None**

Date received in Washington Office (IV):

APR 28 1952

Date reported to Nautical Chart Branch (IV):

MAY - 9 1952

Applied to Chart No.

Date:

Date registered (IV):

3/20/58

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): **N. A. 1927**Vertical Datum (III): **MSL**

Mean sea level except as follows:

Elevations shown as (25) refer to mean high water

Elevations shown as (5) refer to sounding datum

i.e., mean low water or mean lower low water

Reference Station (III): **DURBIN, 1933**Lat.: **30° 05' 19".865 (611.7m)** Long.: **81° 27' 47".112 (1261.6m)**Adjusted
~~1/1/58~~

Plane Coordinates (IV):

State:

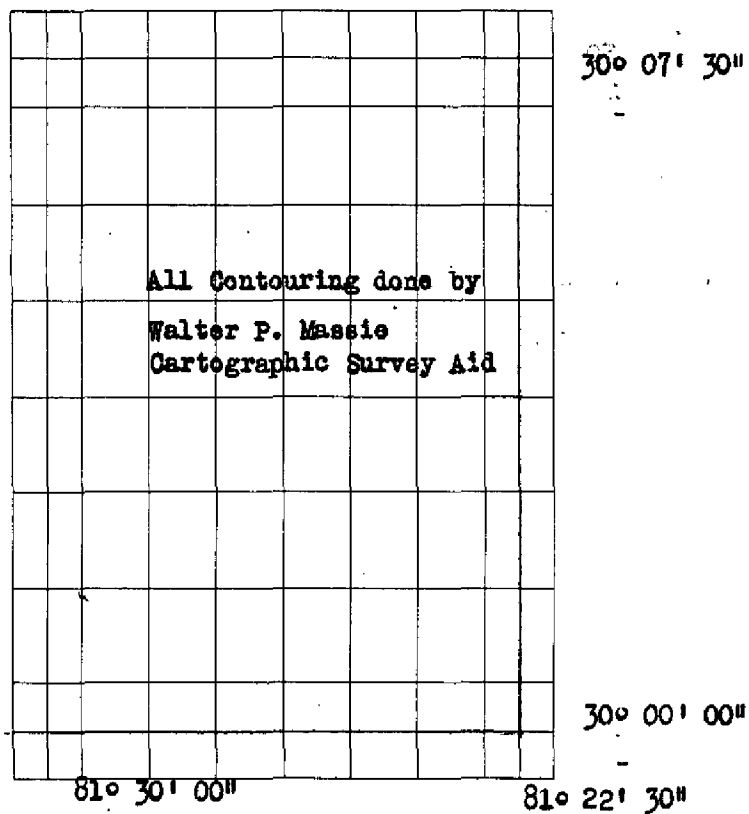
Zone:

Y=

X=

Roman numerals indicate whether the item is to be entered by (II) Field Party, (III) Photogrammetric Office,
or (IV) Washington Office.

When entering names of personnel on this record give the surname and initials, not initials only.



Areas contoured by various personnel
(Show name within area)
(II) (HH)

DATA RECORD

Field Inspection by (II): **Walter P. Massie, Cartographic Survey Aid** Date: **January 1950**
April 1950

Planetable contouring by (II): **Walter P. Massie, Cartographic Survey Aid** Date: **January 1950**
April 1950

Completion Surveys by (II): **James E. Hundley** Date: **8 July, 1952**

Mean High Water Location (III) (State date and method of location):

~~Air Photo Compilation~~

~~March 1950~~

Identified on photographs taken 1949

Projection and Grids ruled by (IV): **T. L. J. (W.O.)**

Date: **10 October 1950**

Projection and Grids checked by (IV): **H. W. D. (W.O.)**

Date: **12 October 1950**

Control plotted by (III): **I. I. Saperstein**

Date: **19 October 1950**

Control checked by (III): **R. J. Pate**

Date: **13 November 1950**

Radial Plot or Stereoscopic

Date:

Control-extension by (III): **M. M. Slavney**

18 December 1950

Planimetry

Date:

Stereoscopic Instrument compilation (III):

Inapplicable

Date:

Contours

Manuscript delineated by (III): **C. J. Downing**

Date: **28 August 1951**

Photogrammetric Office Review by (III): **R. R. Wagner**

Date: **25 February 1952**

Elevations on Manuscript

Date:

checked by (II) (III):

R. R. Wagner

25 February 1952

Camera (kind or source) (III): **Fairchild Cartographic - 6" Metrogon lens, Camera "0"**

| Number | Date | Time | Scale | Stage of Tide |
|----------|---------------|-------|----------|------------------|
| 49-0-245 | Apr. 16, 1949 | 10:29 | 1:20,000 | In shore photo |
| 246 | " | 10:30 | " | " |
| 247 | " | 10:30 | " | " |
| 248 | " | 10:31 | " | " |
| 230 | " | 10:12 | " | " |
| 231 | " | 10:12 | " | " |
| 232 | " | 10:13 | " | No periodic tide |
| 233 | " | 10:13 | " | No periodic tide |

Tide (III)

No periodic tide (See 57, this report)

Reference Station:
Subordinate Station:
Subordinate Station:

57 this report

| Ratio of Ranges | Mean Range | Spring Range |
|--------------------|---------------|-----------------|
| | | |
| | | |
| | | |

Washington Office Review by (IV): *Everett H. Ramey*Date: *9 Nov 1953*Final Drafting by (IV): *A.P. Berry*Date: *9-26-58*Drafting verified for reproduction by (IV): *Wm O. Hallin*Date: *10-3-58*

Proof Edit by (IV):

Date:

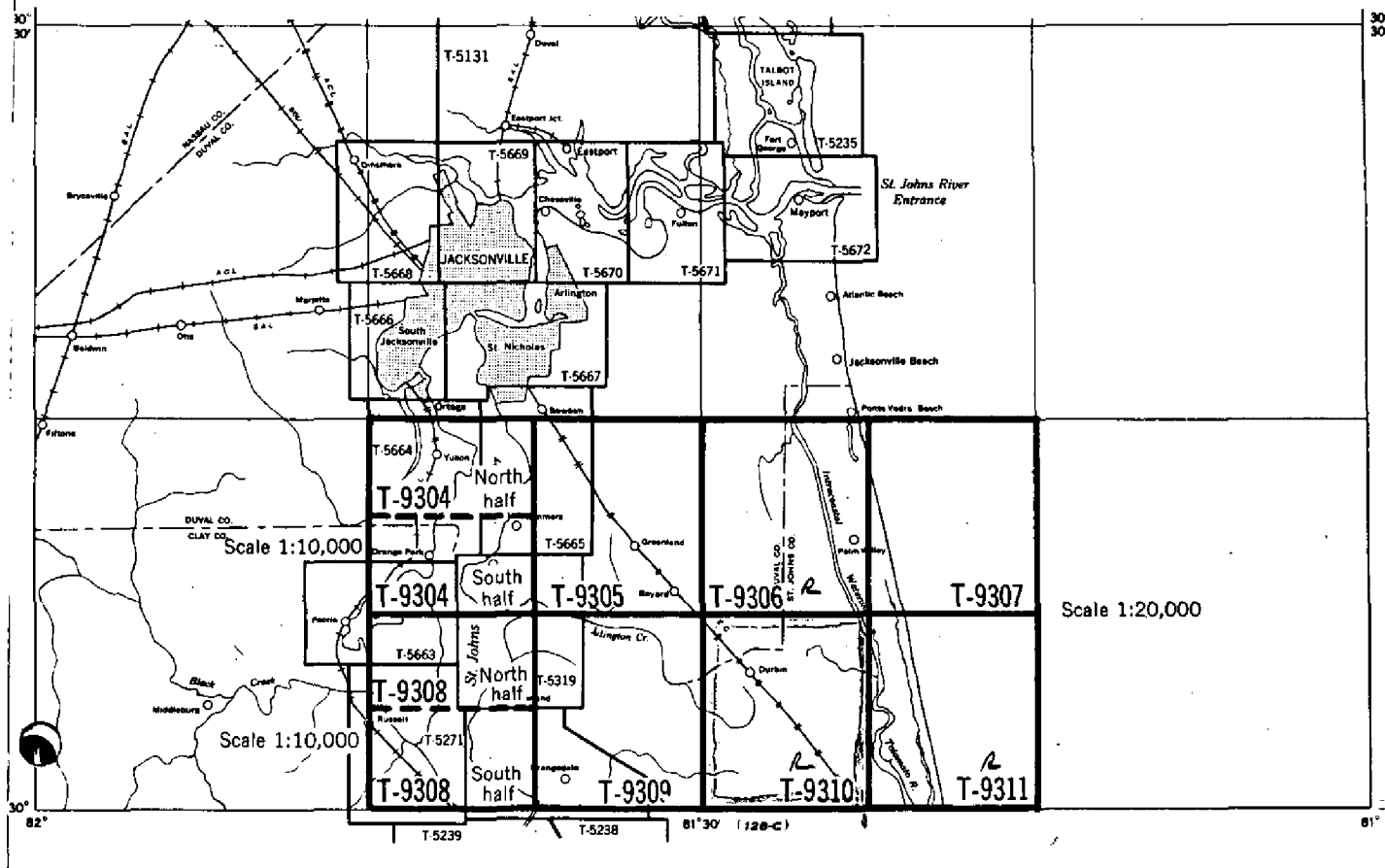
Land Area (Sq. Statute Miles) (III): *64*Shoreline (More than 200 meters to opposite shore) (III): *1*Shoreline (Less than 200 meters to opposite shore) (III): *none*Control Leveling - Miles (II): *39.2*Number of Triangulation Stations searched for (II): *20*Recovered: *19*Identified: *9*Number of BMs searched for (II): *19*Recovered: *16*Identified: *12*Number of Recoverable Photo Stations established (III): *11*Number of Temporary Photo Hydro Stations established (III): *none*

Remarks:

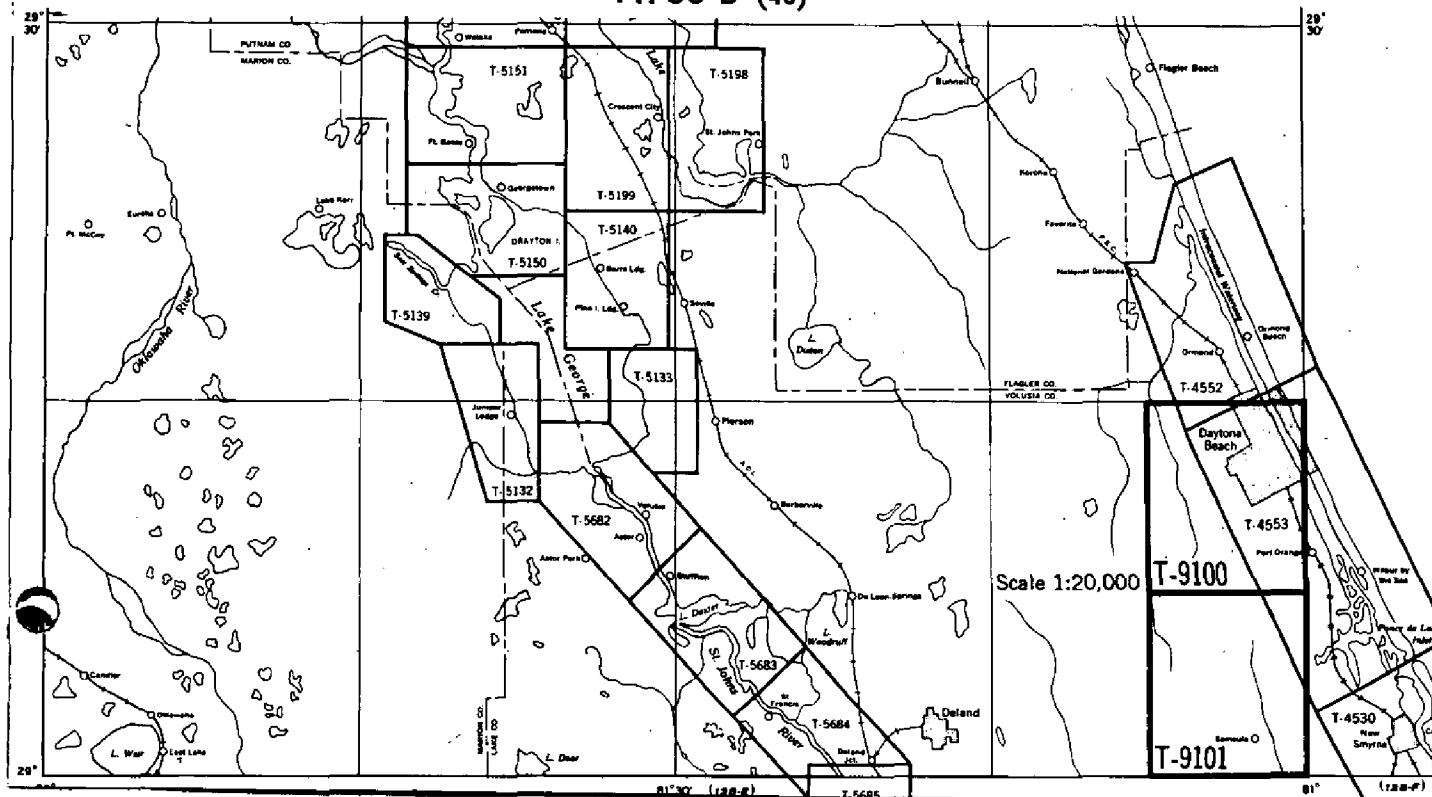
TOPOGRAPHIC MAPPING PROJECT

FLORIDA, East Coast

PH-35-A (48)



PH-35-B (48)



Photogrammetric Plot Report

This report which covers all surveys
of Project Ph-35(48), Parts A & B, is filed
as part of Descriptive Report T-9101.

[illegible]

MAP T-9310

PROJECT NO. Ph-35A(48)

SCALE OF MAP 1:20,000

SCALE FACTOR 1.000

| STATION | SOURCE OF INFORMATION (INDEX) | DATUM | LATITUDE OR ν -COORDINATE LONGITUDE OR λ -COORDINATE | DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS | DATUM CORRECTION | N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS | FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS |
|---|-----------------------------------|--------------|---|---|----------------------------------|---|--|
| ELIZEY, 1933 | G.Ps. 4 | N.A. 1927 | 29 55 05.032 81 24 54.866 | | SOUTH OF PROJ. | 154.9 (1,692.5) 1,471.8 (137.7) | |
| DURBIN, 1933 | " | " | 30 05 19.865 81 27 47.112 | | | 611.7 (1,235.8) 1,261.6 (345.1) | |
| SAMPSON, 1933 | " | " | 29 59 16.024 81 26 30.792 | | South of Project | 493.4 (1,354.1) 825.4 (782.9) | |
| PRIM. TRAV. STA. NO. 3K, 1917 (USGS) | U.S.-G.S. NO. AMERICAN | " | 30 00 45.3 81 23 34.4 | 1,395 (453) 922 (686) | -5m -6m | 1,390 (458) 916 (692) | Recovered in disturbed condition |
| BENCH MARK M-8 M-3 1917 (USGS) | " | " | 30 06 52.0 81 29 24.1 | 1,601 (246) 645 (961) | -5m -6m | 1,596 (251) 639 (967) | |
| BM O-3, 1917 (USGS) | " | " | 30 02 33.9 81 25 13.7 | 1,044 (804) 367 (1,240) | -5m -6m | 1,039 (809) 361 (1,246) | |
| AJ 11, 1934 (Fla. Geod. Sur.) | Duval Co. N.A. Sta. Desc. 1927 | " | 2,106,654.81 340,854.07 | 6,654.81 (3,345.19) 854.07 (9,145.93) | | T-9305 on T-9305 | |
| AJ 12, 1934 (Fla. Geod. Sur.) | " | " | 2,101,204.59 345,592.54 | 1,204.59 (8,795.41) 5,592.54 (4,407.46) | | | |
| BP 108, 1935 (Fla. Geod. Sur.) | St. Johns Co. Sta. Desc. | " | 2,043,757.14 354,658.61 | 3,757.14 (6,242.86) 4,658.61 (5,341.39) | SOUTH OF PROJ. | | |
| BP 109, 1935 (Fla. Geod. Sur.) | " | " | 2,041,971.30 356,548.78 | 1,971.30 (8,028.70) 6,548.78 (3,451.22) | " | | |
| BP 112, 1935 (Fla. Geod. Sur.) | " | " | 2,033,813.60 366,105.89 | 3,813.60 (6,186.40) 6,105.89 (3,894.11) | " | | |
| E 24, 1935 (Fla. Geod. Sur.) | " | " | 2,105,356.07 374,375.08 | 5,356.07 (4,643.93) 4,375.08 (5,624.92) | | | |

1 FT. = 3048006 METER
COMPUTED BY I. I. Saperstein

DATE

12 July 1950

CHECKED BY R. A. Reece

DATE

4 August 1950

M-2388-12

W

FIELD INSPECTION REPORT
 QUADRANGLE T-9310
 30-00-00/81-22-30
 Project Ph-35A (48)

Harry F. Garber, Chief of Party

The field work for this quadrangle was done in accordance with Instructions dated 30 December 1949 (Project Ph-35 (48), under the direction of Joseph K. Wilson, Supervisor. Field work in addition to those phases listed on pages 2 and 3 was done by the following personnel:

| <u>NAME AND TITLE</u> | <u>PHASE</u> | <u>DATE</u> |
|-------------------------|--------------------|------------------|
| Henry R. Spies | Horizontal Control | 15 February 1950 |
| Cartographic Survey Aid | Recovery | 15 March 1950 |

This report is written in accordance with Paragraph 724 of the Preliminary Edition of the Topographic Manual dated June 1949.

2. AREAL FIELD INSPECTION

This quadrangle lies in the northeastern portion of St. Johns County and in the southeast portion of Duval County.

Durbin is the only settlement within the area. It is located on U. S. Highway No. 1 in the northwestern portion of the quadrangle.

The area is traversed by one Federal Highway and one State Highway. U. S. Highway No. 1 runs in a northwest-southeast direction through the entire quadrangle. Florida State Highway No. 210 links U. S. Highway No. 1 with Florida State Highway 1A. There are three county roads leading west from U. S. Highway No. 1 which link U. S. Highway No. 1 and Florida State Highway No. 13.

The Florida East Coast Railroad, consisting of two tracks, parallels U. S. Highway No. 1 through the quadrangle. No railroad stations exist.

U. S. Highway No. 1 was under construction during field inspection. It is to be widened and is called to the attention of the field editor.

The raising of cattle is the chief industry, while lumbering and turpentine are carried on in a small scale. There is little cultivating within the quadrangle.

The vegetation consists of cypress swamps, palmetto, pine and scrub oak.

No difficulty was encountered in the interpretation of the photographs. The light grey tones denote palmetto. The areas of dark grey tones are swamp and the spotted grey tones are mixed palmetto and pines.

The field inspection is believed to be complete, except for the road mentioned in the preceding paragraph.

3. HORIZONTAL CONTROL

- (a) No supplemental control was established.
- (b) All stations are on the NA 1927 datum.
- (c) Stations not established by the USC&GS are:

| <u>STATION</u> | <u>AGENCY</u> | <u>ORDER</u> | <u>DATUM</u> |
|--|-------------------------------|--------------|-------------------------------|
| USC&GS BM M83 | USGS, 1917 | Third | NA 1927 |
| USC&GS BM 03 | USGS, 1917 | Third | NA 1927 |
| AJ-11 | FLORIDA GEODETIC SURVEY, 1934 | Third | NA 1927 on T-9305 |
| AJ 12 | " " " " | " | " " |
| E 24 | " " " " | " | " " |
| E 25 | " " " " | " | " " |
| E 26 | " " " " | " | " " |
| E 27 | " " " " | " | " " |
| E 28 | " " " " | " | " " Disturbed mon. |
| E 29 | " " " " | " | " " |
| E 30 | " " " " | " | " " |
| TTT-7 | USE, 1947 | " | " " |
| PRIMARY TRAVERSE STATION NO. 3K, | U. S. GEOLOGICAL SURVEY, 1917 | " | " " Disturbed mon. |
| AJ-13 Recovered during Field Edit. EHR | | | |

(d) A search was made for all known control. Stations reported as "lost" or "not recovered" are:

BEACON M-A, 1933

AJ-14 & AJ-15 reported lost by Field Edit. EHR

Three stations which are located south of the quadrangle limits were identified to control the radial plot. The stations are:

SAMPSON, 1933

ELLZEY, 1933

BP 108 (FLA. GEOD. SUR.), 1935

4. VERTICAL CONTROL

(a) A search was made for all known vertical control. Bench Marks in the Quadrangle are:

| <u>NAME</u> | <u>AGENCY</u> | <u>ORDER</u> |
|---------------------------------|-------------------------------|--------------|
| M3 | U. S. COAST & GEODETIC SURVEY | First |
| N3 | U. S. " " " | " |
| O3 | U. S. " " " | " |
| P3 | U. S. " " " | " |
| PRIMARY TRAVERSE STATION NO. 3K | | |
| | U. S. GEOLOGICAL SURVEY | Third |
| AJ 11 | FLORIDA GEODETIC SURVEY | " |
| AJ 12 | " " " | " |
| E 24 | " " " | " |
| E 25 | " " " | " |
| E 26 | " " " | " |
| E 27 | " " " | " |
| E 28 | " " " | " |
| E 29 | " " " | " |
| E 30 | " " " | " |

*See § 3
above*

(b) 39.2 miles of fly levels were run, beginning and closing at bench marks. The highest closure on any line was 0.38 foot.

(c) The first and last fly level points were 10-1 and 10-52.

(d) Inapplicable

5. CONTOURS AND DRAINAGE

The contouring was done by planetable methods directly on single lens photographs, (1:20000 scale), at a contour interval of five (5) feet.

The natural drainage is by Durbin Creek in the western and north central portion, and by the Intracoastal Waterway in the eastern section.

A large portion of the quadrangle is very flat and contains numerous isolated cypress swamps and intermittent ponds. The natural drainage for these areas is by seepage. The highest natural elevation within the quadrangle is 69 feet, which is located in the northwestern part.

6. WOODLAND COVER

The cover was classified in accordance with Paragraph 5433 of the Preliminary Edition of the Topographic Manual dated June 1949. *See §58*

7. SHORELINE AND ALONGSHORE FEATURES

(a) Only a very small portion of the Intracoastal Waterway falls within the limits of the quadrangle. The banks of the Waterway have undergone no changes since photography. Appropriate symbols delineating the shoreline have been indicated on the photographs.

(b) The mean tide in this portion of the Intracoastal Waterway is about 2 feet. The mean high water line coincides with the mean low water line.

(c) There is no foreshore.

(d) There are no bluffs.

Along the western shore of the Intracoastal Waterway there are a series of spoil banks ranging in width up to 350 feet and in length up to 700 feet. The elevations vary from 4 to 11 feet.

8. OFFSHORE FEATURES

Inapplicable.

9. LANDMARKS AND AIDS

(a) One landmark (Durbin Fire Lookout Tower) is recommended on Form 567 for charting.

(c) There are no aeronautical aids within the quadrangle.

(d) There are no fixed aids to navigation within the quadrangle. *See §37*

10. BOUNDARIES, MONUMENTS AND LINES

These are covered in a "Special Boundary Report" which will be submitted at a later date by Leo. F. Beugnet, Cartographic Survey Aid. ** by Joseph K. Wilson, April 1951, filed in Div. of Photogrammetry under project number.*

Nine section corners were recovered and identified on the photographs. Four section corners were located along the Duval-St. Johns County line. One Grant corner was recovered and identified on the photograph. *See §56*

§ No. 4 This quadrangle falls within Commissioner's District No. 1 and No. 2 in St. Johns County and in Commissioner's District No. 5 in Duval County.

11. OTHER CONTROL

Recoverable Topographic Stations established are:

DURBIN FIRE LOOKOUT TOWER

SECTION CORNER $\frac{36/31}{1/6}$ ✓ T4S-T5S-R28E-R29E

SECTION CORNER $\frac{29/28}{32/33}$ ✓ T5S-R28E

SECTION CORNER $\frac{1/6}{12/7}$ ✓ T5S-R28E-R29E

SECTION CORNER $\frac{25/30}{36/31}$ ✓ T4S-R28E-R29E

SECTION CORNER $\frac{32/33}{5/4}$ ✓ T5S-T6S-R28E

SECTION CORNER $\frac{35/36}{2/1}$ ✓ T4S-T5S-R28E

SECTION CORNER $\frac{11/12}{14/13}$ ✓ T5S-R28E

SECTION CORNER $\frac{32/33}{5/4}$? T4S-T5S-R29E

SECTION CORNER $\frac{9/10}{16/15}$ ✓ T5S-R28E

12. OTHER INTERIOR FEATURES

All roads and buildings have been classified in accordance with Paragraph 5441 and 5446 of the Preliminary Edition of the Topographic Manual dated June 1949.

There are no bridges, cables over navigable waters, airports or landing fields within the quadrangle limits.

13. GEOGRAPHIC NAMES

This is the subject of a Special Report which will be submitted at a later date by Joseph K. Wilson, Cartographer. *Sec 555*
Names Section, Div. of Charts. Filed in Geographic

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Except as noted in Paragraphs 10 and 13 there are no special data for this quadrangle.

15 May 1950

Submitted by:

Walter P. Massie

Walter P. Massie

Cartographic Survey Aid

Approved and forwarded
May 1950

Harry R. Garber

Harry R. Garber
Chief of Party

COMPILATION REPORT T-9310PHOTOGRAMMETRIC PLOT REPORT.

Submitted with T-9101.

31. DELINEATION.

Compiled by graphic method.

32. CONTROL.

Horizontal control was satisfactory. Identification, placement and density were good.

33. SUPPLEMENTAL DATA.

~~None~~ used. GLO plats for land lines. *SHR*

34. CONTOURS AND DRAINAGE.

No difficulties were encountered. *See §53*

35. SHORELINE AND ALONGSHORE DETAILS.

Shoreline inspection was adequate.

There are no low-water or shoal lines shown. See Item 7(b).

36. OFFSHORE DETAILS.

No statement.

37. LANDMARKS AND AIDS.

Contrary to Item 9(d), there is one Non-floating Aid to Navigation - TOLOMATO RIVER DAYBEACON NO. 77.

38. CONTROL FOR FUTURE SURVEYS.

Eleven (11) cards, Form 524, are being submitted. There are no stations listed that would be useful to the hydrographer.

39. JUNCTIONS.

Junction with T-9306 to the north - (agreement).

Junction with T-9311 to the east - (agreement).

Junction with T-9309 to the west - (agreement).

Junction was not made with USGS QUADRANGLE, ST. AUGUSTINE, 1943, 1:62,500, to the south. Compilation was carried south of the neat line.

40. HORIZONTAL AND VERTICAL ACCURACY.

No statement.

See § 53

41. PUBLIC LAND LINES.

Very little difficulty was encountered in construction of lines in Range 28 East. All of Range 29 East should be carefully checked by the field editor. See § 56

46. COMPARISON WITH EXISTING MAPS.

Comparison was made with USGS Quadrangle PALM VALLEY, scale 1:62,500, dated 1943. The two are in fair agreement.

See § 63

47. COMPARISON WITH NAUTICAL CHARTS.

Comparison was made with Intracoastal Waterway Chart 842, scale 1:40,000, dated July 1944, corrected to 20 November 1950. The two are in fair agreement.

See § 65

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY.

None

ITEMS TO BE CARRIED FORWARD.

None.

APPROVED AND FORWARDED:

C. J. Downing
C. J. Downing, Carto. Photo. Aid

William A. Rasure
for J. E. Waugh, Chief of Party

48. GEOGRAPHIC NAME LIST.CABBAGE SWAMP ✓COMMISSIONERS DISTRICT 1 (ST. JOHNS CO.)" " 2 (" " ")" " 4 (" " ")" " 5 (DUVAL CO.)DRY SWAMP ✓DURBIN ✓DURBIN CREEK ✓DUVAL COUNTY ✓FLORIDA ✓FLORIDA EAST COAST R. R. ✓HILDEN ✓INTRACOASTAL WATERWAY ✓NINE MILE ROAD ✓✓PALM VALLEY ROAD ✓

(Fla. No. 210) ✓

RAGGED ISLAND ✓SAMPSON CREEK ✓SCRUB RIDGE ✓✓SMITH CREEK ✓SNOW DEN BAY ✓ST. JOHNS COUNTY ✓STATE 210 ✓SWEETWATER CREEK ✓TOLOMATO RIVER ✓✓TWELVE MILE SWAMP ✓U. S. HWY. NO. 1PUBLIC LAND GRANTS.ARNAUARNEAU, CLARA P ✓ARNEAU, JAMES ✓ARNAUBig Island ✓Big Island Swamp (Project NamesReport applies Big
Island to large area
of higher ground)

See §§§

10-27-53

Names underlined in
red are approved, on
basis Project Names
Report.5-8-52
L. Heck.

48. PUBLIC LAND GRANTS (CONTINUED)

- BUSHNEL, E. ✓
- CAPO, LORENZO ✓
- CHARLES, REUBEN ✓ (2 grants)
- CLARKE, CHARLES AND GEORGE ✓
- CLARKE, GEORGE I. F. ✓ (2 grants)
- COCIFACIO, PEDRO ✓
- FATIO, F. J. ✓
- GAY, ANTELM ✓
- GINOPLY, E. ✓
- GINOPLY, GEORGE ✓ } Spell: Gionoply
- GINOPLY, JOHN ✓
- INGERSOLL, S.M. ✓
- KINGSLEY, ZEPHANIAH ✓ (2 grants)
- LEONARDI, ROQUE ✓
- MARANDA, PEDRO
- MARSHALL, THERESA ✓
- MEDICIS, F AND HEIRS OF J. SALON ✓ *
- MILES, FRANCIS ✓
- MINCHIN, CHRISTOPHER ✓
- MIRANDA, PEDRO ✓
- MESTRE, PEDRO ✓
- PALMES, G. AND O. ✓
- PAREDES, J. ✓ *
- PEAVETT, JOS. ✓
- SABATE, PABLO ✓
- SANCHEZ, F. P. ✓
- SMITH, HANNAH ✓
- TRAVERS, WILLIAM (2 grants)
- YONGE, PHILIP R. ✓

49. NOTES FOR THE HYDROGRAPHER.

There are no stations that could be used by the hydrographer.

FIELD EDIT REPORT
Project Ph-35A(48)
Quadrangle T-9310

51. METHODS

The field edit of this area was accomplished by standard surveying methods in conjunction with visual inspection. Actual field work was started 15 May 1952 and completed 6 June 1952.

Field edit data, additions, corrections and deletions are shown on the discrepancy prints, field edit sheet and photographs 49-0-246 and 248.

The reviewer's questions are answered on the discrepancy prints, field edit sheet and in this report.

A legend appears on the field edit sheet which is self-explanatory.

52. ADEQUACY OF COMPILATION

The map compilation, in general, was adequate and will be complete after field edit data have been applied.

53. MAP ACCURACY

The horizontal accuracy of the map detail is relatively good.

The accuracy of the contouring, in general, is adequate.

Contour corrections were made throughout the area. The majority of these corrections were made to improve topographic expression. (Note: A sufficient number of spot elevations were taken.)

See photograph 49-0-246 for correct placement of contours crossing U. S. Highway No. 1 and Florida East Coast Railroad near Durbin community. It is very difficult, at best, to show these contours in their proper place at this small scale.

54. RECOMMENDATIONS

None.

55. EXAMINATION OF PROOF COPY

It is believed that Mr. Sam W. Faver, registered land surveyor, of Palm Valley, Florida, is best-qualified to examine a proof copy of this work.

Ref. to Item 13 - Field Inspection Report

The names "BIG ISLAND and BIG ISLAND SWAMP" were confirmed by information obtained from local inhabitants and have been properly placed on the field edit sheet.

56. PUBLIC LAND LINESRef. to Item 41 - Compilation Report

Numerous additional monumented corners, theoretical corners and points on line were recovered, or constructed, and plotted on the field edit sheet.

The location of Section Corner $\frac{1}{12} \mid \frac{6}{7}$, T-5-S, R28, 29E was checked and found to be correct as indicated.

It is believed that the southwest corner of the Christopher Minchin Grant, previously located on the ~~chart~~^{map}, is actually a common point to the following,

Sec. $\frac{33}{4} \mid \frac{34}{3}$, T-4-5-S, R28E, *

since no other monument of any description was found in this vicinity.

* Not in conformity with GLO plats. ~~etc~~ Actually $\frac{34}{3}$ GRANT.

There were a few monumented corners recovered and plotted on the field edit sheet that do not fall in the same pattern as indicated by the G.L.O. plats.

57. OTHER INTERIOR FEATURES

Ref. to Item 12 - Field Inspection Report.

One new road (Rd. 7) has been shown on the field edit sheet.

The reclassification of roads has been made where justifiable.

58. WOODLAND COVER

Ref. to Item 6 - Field Inspection Report.

The reclassification of woodland cover, where justifiable, has been indicated in scattered areas throughout the quadrangle.

The area commonly called "Cabbage Swamp" is not swampland. It does consist of a few small scattered areas of swamp vegetation, but, pine and cabbage palm trees predominate and seasonally it is partially wet.

59. JUNCTIONS

Satisfactory junctions have been made with T-9306 to the north and T-9309 to the west. The junction with T-9311 to the east will be made in the Tampa Office. There is no contemporary survey to the south.

17 June 1952
Submitted by:

James E. Hundley
James E. Hundley,
Cartographer

8 July 1952
Approved by:

Paul Taylor
Paul Taylor
Lt. Comdr., USC&GS
Chief of Party

50.

PHOTOGRAMMETRIC OFFICE REVIEW

T- 9310.

1. Projection and grids R.R.W. 2. Title R.R.W. 3. Manuscript numbers R.R.W. 4. Manuscript size R.R.W.

CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy M.M.S. 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) R.R.W. 7. Photo hydro stations X X 8. Bench marks R.R.W. 9. Plotting of sextant fixes X X 10. Photogrammetric plot report R.R.W. 11. Detail points R.R.W.

ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline R.R.W. 13. Low-water line X X 14. Rocks, shoals, etc. X X 15. Bridges X X 16. Aids to navigation R.R.W. 17. Landmarks R.R.W. 18. Other alongshore physical features R.R.W. 19. Other along-shore cultural features R.R.W.

PHYSICAL FEATURES

20. Water features R.R.W. 21. Natural ground cover R.R.W. 22. Planetable contours R.R.W. 23. Stereoscopic instrument contours X X 24. Contours in general R.R.W. 25. Spot elevations R.R.W. 26. Other physical features R.R.W.

CULTURAL FEATURES

27. Roads R.R.W. 28. Buildings R.R.W. 29. Railroads R.R.W. 30. Other cultural features R.R.W.

BOUNDARIES

31. Boundary lines R.R.W. 32. Public land lines R.R.W.

MISCELLANEOUS

33. Geographic names R.R.W. 34. Junctions R.R.W. 35. Legibility of the manuscript R.R.W. 36. Discrepancy overlay R.R.W. 37. Descriptive Report R.R.W. 38. Field inspection photographs R.R.W. 39. Forms R.R.W.

40. Robert H. Wagner
Reviewer

William A. Rasure
Supervisor, Review Section or Unit

41. Remarks (see attached sheet)

FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT

42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.

Richard A. Reese
Compiler

William A. Rasure
Supervisor

43. Remarks:

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

U. S. COAST AND GEODETIC SURVEY

Phonogrammetric Review Section

TO BE CHARTED

STRIKE OUT ONE

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

Tampa Photogrammetric Office, Tampa, Fla. 8 April 1952

618

I recommend that the following objects which have ~~not~~ been inspected from seaward to determine their value as landmarks be charted on ~~the~~ the charts indicated.

The positions given have been checked after listing by

INTERVIEW - 1 8071003

J. B. Waugh
Chief of Party.

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

*** TABULATE SECONDS AND METERS**

M-2836-3

TO BE CHARTED } **STRIKE OUT ONE**

Tampa Photogrammetric Office, Tampa, Fla. 6 April 1952

TO BE DELETED

I recommend that the following objects which

The positions given have been checked after listing by

Charles J. Downing

Chief of Party.

J. E. Wench

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS

W-2836-3

Review Report
Topographic Map T-9310
9 November 1953

62. Comparison with Registered Topographic Surveys.-

T-784 1:20,000 1860-61

Survey T-9310 is to supersede this survey for nautical charting purposes for common areas.

63. Comparison with maps of other agencies.-

Palm Valley, Florida (USGS) 1:62,500) 1918
Many cultural changes since this map was published.
Map T-9310 shows contours in more detail than this map does.

64. Comparison with Contemporary Hydrographic Surveys.- None

65. Comparison with Nautical Charts.-

842 1:40,000 1952 corr. to 53 7/20

Tolomato River Daybeacon 77, positioned by this survey, has been discontinued. It is not shown on the above chart.

66. Adequacy of Results and Future Surveys.-This map meets the National Standards of Map Accuracy and complies with project instructions.

67. Land lines.-Because of insufficient recovery or discrepancies with the GLO plats, many section and grant lines are shown as unreliable on the map manuscript.

Reviewed by:

for K. H. Maki
Everett H. Ramey

APPROVED

L. C. Lande
Chief, Review Branch
Div. of Photogrammetry

W. W. Swanson
Chief, Div. of Photogrammetry

May B. Kelts
Chief, Nautical Chart Branch
Div. of Charts

J. Bowie
Chief, Div. of Coastal Surveys

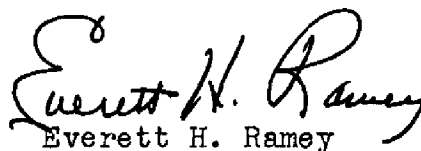
16 Nov. 59

History of Hydrographic Information

for map T-9310

Hydrography was added to the map manuscript in accordance with the general specifications of 18 May 1949. It includes only channel information and was taken from Nautical Chart 842, 1:40,000, 1952 corrected to 53-7/20.

Compiled by Everett H. Ramey, 26 February 1954
and verified by O. Svendsen, 9 March 1954.


Everett H. Ramey

NAUTICAL CHARTS BRANCH

SURVEY NO. T-9310

Record of Application to Charts

[illegible]

M-2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.