

9964

N 85

Diag. Cht. Nos. 1241 Insert & 1242-2.

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Topographic

Field No. Ph-83 Office No. T-9964

LOCALITY

State Georgia

General locality Altamaha River

Locality Ridgeville

19A 51-54

CHIEF OF PARTY

P. Taylor, Photogrammetric Party No. 1
E.H. Kirsch, Baltimore Photo. Office

LIBRARY & ARCHIVES

DATE May 15, 1958

B-1870-1 (1)

9964

DATA RECORD

T - 9964

Project No. (II): Ph-83

Quadrangle Name (IV):

Field Office (II): Brunswick, Georgia

Chief of Party: Paul Taylor

Photogrammetric Office (III): Baltimore, Md.

Officer-in-Charge: E. H. Kirsch

Instructions dated (II) (III):

27 December 1951
 12 March 1952 (Supplement 1)
 2 April 1952 (Supplement 2)
 16 October 1952 (Supplement 5)

Copy filed in Division of
 Photogrammetry (IV)

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:10,000

Stereoscopic Plotting Instrument Scale (III):

Scale Factor (III): 1.000

Date received in Washington Office (IV):

SEP 24 1954

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV): 3/25/58

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): RIDGEVILLE 2, 1950

Lat.: 31° 24' 27.960" (861.1m) Long.: 81° 23' 53.900" (1423.8m)

Adjusted
~~UNADJUSTED~~

Plane Coordinates (IV):

State:

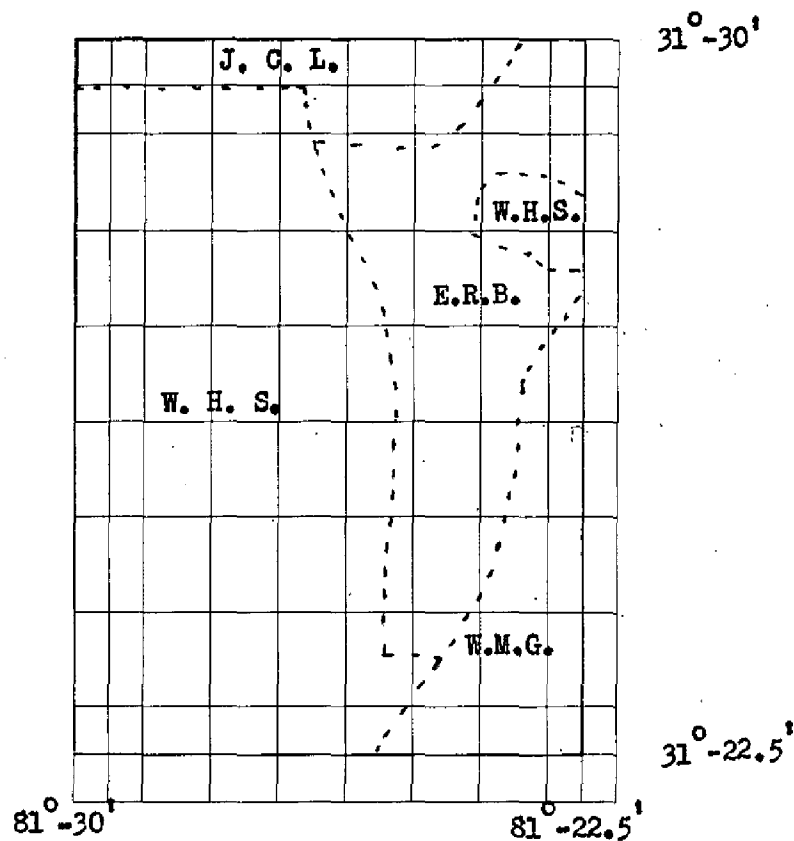
Zone:

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) (III)

W.H.S. = W. H. Shearouse
 J.C.L. = J. C. Lajoye
 E.R.B. = E. R. Ballance
 W.M.G. = W. M. Gottschlich

DATA RECORD

Page 3

Field Inspection by (II): William H. Shearouse,
Cartographer

Date: December, 1952

Planetable contouring by (II): William H. Shearouse, Cartographer
John C. Lajoie, Cartographer
Warren M. Gottschlich, Carto. Surv. Aid
Elton R. Ballance, Carto. Surv. Aid

Date: Sept. 1952
March, 1953

Completion Surveys by (II): J.K. Wilson

Date: Dec. 1954

Mean High Water Location (III) (State date and method of location): 1952 (date of photography)
Photogrammetric methods with
field-inspection-verification.

Projection and Grids ruled by (IV):

Date:

Projection and Grids checked by (IV):

Date:

Control plotted by (III): A. Queen

Date: 10/20/52

Control checked by (III): H. R. Rudolph

Date: 6/22/53

Radial Plot ~~or Stereoscopic~~

Date: 9/1/53

~~Control extension~~ by (III): H. R. Rudolph

Planimetry

Date:

Stereoscopic Instrument compilation (III):

Contours

Date:

Manuscript delineated by (III): B. Wilson
J. B. Phillips

Date: 5/13/54

Photogrammetric Office Review by (III): R. Glaser

Date: 9/2/54

Elevations on Manuscript
checked by (II) (III):

R. Glaser

Date: 9/2/54

9-lens U.S.C. & G. S. camera

Camera (kind or source) (III): Single lens U.S.C. & G. S. "0" Camera

Number	Date	PHOTOGRAPHS (III) Time	Scale	Stage of Tide Above MLW
51-0-4278 to 4280	4/11/51	0923 - 0824	1:10,000	3.9
51-0-4310	"	0955	"	4.5
34835 to 34839	2/11/52	1030 - 1033	"	5.6 (Doboy Sound)
34840	2/11/52	1033	"	6.7 (Sapelo River)
34856 to 34859	"	1134 - 1135	"	(inland)
34860 - 34861	"	1136 - 1137	"	5.5
35038 to 35040	2/18/52	1113	"	3.2
35041 to 35044	"	1114 - 1115	"	(inland)

Tide (III)
From Predicted Tides

Reference Station: Savannah
 Subordinate Station: Darien, Darien River
 Subordinate Station: Hudson Cr. Entrance

Ratio of Ranges	Mean Range	Spring Range
1.1	7.3	8.5
1.0	7.2	8.4

Washington Office Review by (IV): *S. G. BLANKENBAKER*Date: *Oct. 1957*

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 52

Shoreline (More than 200 meters to opposite shore) (III): 4 mi.

Shoreline (Less than 200 meters to opposite shore) (III): 39 mi.

Control Leveling - Miles (II): 58

Number of Triangulation Stations searched for (II): 6 Recovered: 4 Identified: 4

Number of BMs searched for (II): None Recovered: Identified:

Number of Recoverable Photo Stations established (III): None*

Number of Temporary Photo Hydro Stations established (III): None

Remarks:

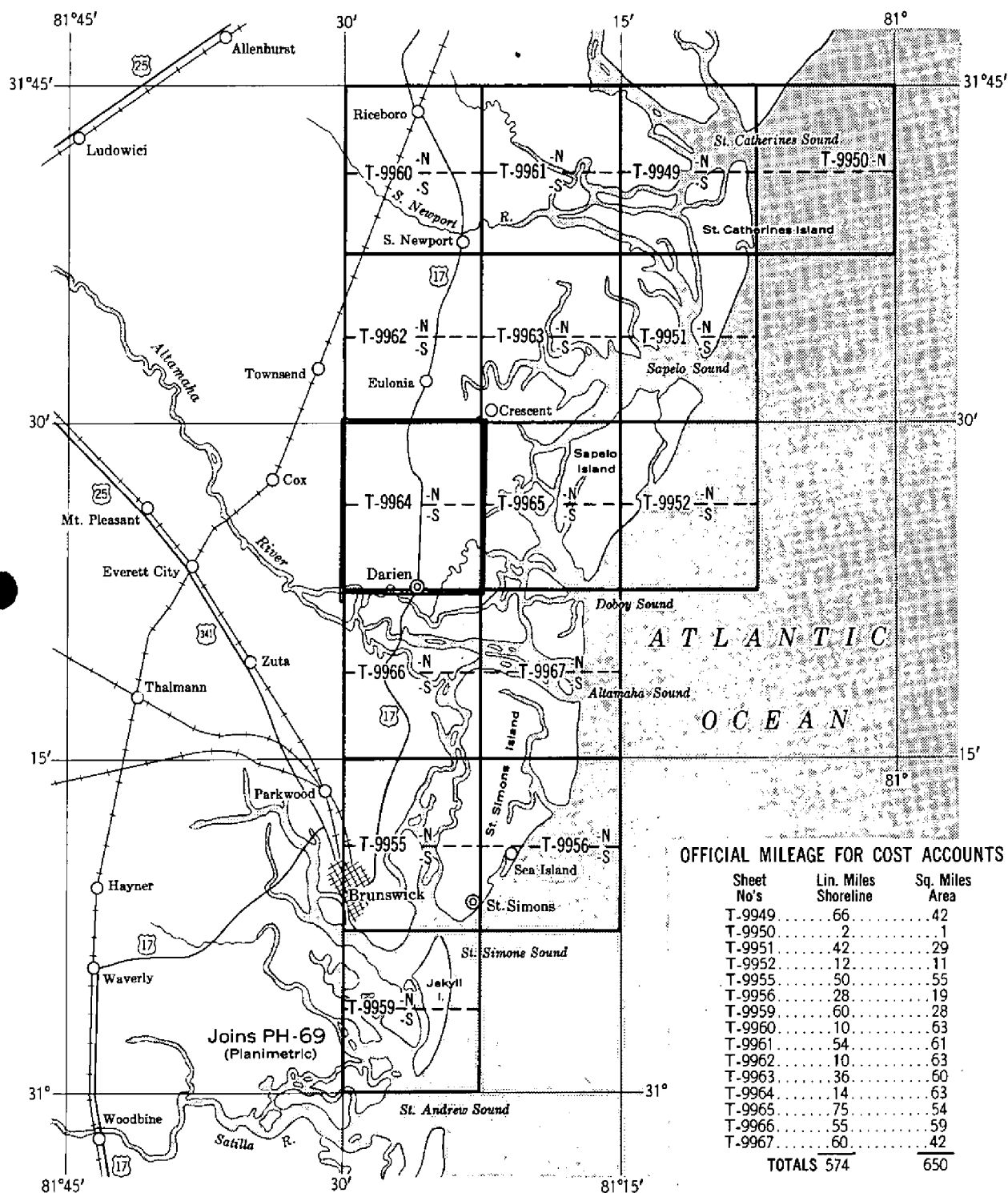
Eight
 Seven 2nd order bench marks established and identified.

**Two* recoverable topographic stations were recovered.
Three

TOPOGRAPHIC MAPPING PROJECT PH-83

GEORGIA, St. Catherines Sound to St. Simons Sound

(Refer to Air-Photo Index 127-C)



Compilations in two parts each (North and South) at scale 1:10,000, T-9950 North part only.

DATE OF PHOTOGRAPHS:

Nine-lens photographs, scale 1:10,000 taken February 1952

Nine-lens photographs, scale 1:20,000 taken April 1951

Single-lens photographs, scale 1:24,000 taken April 1951

Single-lens photographs, scale 1:32,800 (U.S.G.S.) taken March 1951

Summary
To Accompany Topographic Map T-9964

Topographic map T-9964 is one of ^{Sixteen} ~~seventeen~~ similar maps of project PH-83 to be completed as standard quadrangles. ~~One~~ ~~map (T-9959) was compiled as a standard planimetric map.~~ The project covers the Georgia shoreline area and the adjacent land area from St. Catherines Sound to St. Simons Sound.

Project PH-83 is a graphic compilation project. Field work in the advance of compilation included the establishment and/or recovery and identification of horizontal and vertical control, location of aids to navigation, inspection of shoreline and interior features, the investigation of boundaries, land lines and geographic names and the delineation of 5 ft. contours directly on the photographs by planetable methods.

2-
1-
Map T-9964 was compiled at 1:10,000 scale in two sheets, each 3.75' in latitude and 7.5' in longitude. Nine-lens photographs taken in 1952 and single-lens ("0" camera) photographs taken in 1951 were used.

The map was field edited in December 1954. With the addition of hydrographic information the map will be published by the Geological Survey as a standard 7 1/2 minute topographic quadrangle.

Items registered under T-9964 will include a descriptive report, a positive impression on "Cronar" of the scribed copy of the manuscript, *and a lithographic print in colors of the published Geological Survey Quad.*

FIELD INSPECTION REPORT
Quadrangle T-9964
Project Ph-83

2. AREAL FIELD INSPECTION

The area is generally flat, sand ridge land, drained by shallow swamp-like drains. The high land is mostly vegetated with pine trees with the highest of the ridges being covered with scrub oak. Near the shoreline in the southwest and south-east the vegetation is heavy deciduous trees. In places it is dense low trees but mostly large oaks. Near the shore there is a bluff. In a few places the bluff is directly at the water's edge but usually there is marsh or swamp or both between the bluff and the water. The bluffs rise to approximately thirty feet in some places.

Cypress and hardwood swamps along the shoreline begin approximately at the five foot contour at the base of the bluff and extend waterward to a merging with the marsh at around three foot elevation. Those extending inland rise very gradually but have sharply defined draws feeding into them. This condition exists near the waterfront only. Inland the swamps are shallow, often only two feet or so lower than the adjoining sandy ridges. Also, the feeder drainage is flat. Most of these have been labeled "N.D.D.", meaning no definite drainage, the runoff being slow and sheetlike until it dries up into shallow pot holes.

Darien is the only incorporated town. It is at the south limit and was a port of major significance in the early development of coastal Georgia. By travelling Georgia State Highway to the northeastward, two other villages are found. They are: Ridgeville and Meridian, both unincorporated. The other major highway is U. S. 17 which runs north-south approximately through the middle of the area and is a main access artery to the Georgia-Florida resorts. Secondary roads make all parts of the area readily accessible.

The Darien River runs southeasterly across the southwest corner and the stream tributaries and marshes of Doboy Sound are found along the southeast.

Field inspection is complete, no part being intentionally omitted or left for the field editor's attention.

Photographic coverage is sufficient, though the side overlap between two of the flight lines is "skimpy". There was no difficulty encountered in interpreting the photographs and the quality was good.

3. HORIZONTAL CONTROL

Reference is hereby made to paragraphs 1 and 2 of item 3 of the Field Inspection Report for Quadrangle T-9966. The last sentence of the first paragraph states ".... partial coverage by 1:10,000 scale nine-lens photography made in 1952" should be ".... complete coverage....".

No supplemental control was required.

All Coast and Geodetic Survey stations were searched for and reported on Form 526. Those reported "lost" are as follows:

~~RIDGEVILLE 2, 1950~~
SAWDUST, 1918

RIDGEVILLE, 1932

(no further)

4. VERTICAL CONTROL

^{Eight} Seven second-order bench marks were established. They are: E-198, F-198, G-198, H-198, I-198, J-198, K-198, and ~~L-198~~. No other bench marks exist.

→ C-198 and D-198.

Supplemental vertical control was established by Wye leveling. Seventeen lines totaling 58 miles were run. Largest error of closure was 0.34 foot. The first point established was numbered 64-1; the last 64-87. Level points 64-1 through 64-73 (48 miles) were established by Matthew A. Stewart. Points 64-74 through 64-87 (10 miles) were established by William H. Shearouse.

5. CONTOURS AND DRAINAGE

Standard planetable methods were used throughout. To establish the pattern of contours photograph 35043 was intensely contoured. That is, many elevations were taken and the contours carefully followed and delineated. This method gave a picture of what could be expected throughout the quadrangle. Other areas were not so intensely traversed but representative lines were run after stereoscopic study, then the contours sketched between these planetable traverse lines. Closures of planetable lines were excellent. No line being left in error more than 0.5 foot.

All contouring was done directly on the 1:10,000 scale nine-lens photographs except a few islands which were done on the 1:10,000 scale ratio single-lens prints. Cross reference is made on the nine-lens photographs to these.

The following notes, made during the course of contouring, may be of value to the compiler:

(a) Swamps are flat-bottomed with very little or no channel or definite drains.

(b) Vegetation in them is hardwood and cypress - usually separated.

(c) Sand ridges are mostly "logged-over" for pulp wood. Fairly flat. Mostly pine.

(d) A few tenths of a foot difference in elevation shows up in the vegetation. Higher places covered with pine (highest with oak scrub); lower are meadow-like with thick grass and brush (on the ridges, that is).

(e) Slopes are gradual except along shoreline where it is bluff-like in places and steep in others.

(f) Elevations in swamp labeled "bottom" mean the ground although water may be a foot or more deep.

(g) Abbreviations used are: WL = Water Level; NDD = No Definite Drainage.

(h) Contours in violet ink were transferred stereoscopically.

(i) Elevations in red were transferred from 1:20,000 scale single-lens photographs.

(j) Level points established along north limit for Kelsh Flotter contouring of Quadrangle T-9962 were transferred and used in planetable contouring of T-9964. Prefix No. 62, i.e. 62-50, etc.

Drainage was indicated in red ink and the direction of flow shown.

6. WOODLAND COVER

Discussed unter items 1 and 5.

7. SHORELINE AND ALONGSHORE FEATURES

The high water and apparent shoreline along the Darien River were indicated and labeled. Other shoreline features such as piers, bluffs, etc. were properly labeled. The fore-shore is mud, sand and clay.

8. OFFSHORE FEATURES

None.

9. LANDMARKS AND AIDS

None.

10. BOUNDARIES, MONUMENTS AND LINES

These are the subject of a special report submitted by Mr. Richard L. McGlinchey, Cartographic Survey Aid, under date of 1 December 1952.

11. OTHER CONTROL

None established. Form 524 is submitted for the Azimuth Marks of triangulation stations RIDGEVILLE, 1932 and WELL, 1932.

12. OTHER INTERIOR FEATURES

Roads have been classified in accordance with current instructions. Buildings have been thoroughly inspected. Those to be shown have been circled in red. If they are class 2 they have been so labeled. Otherwise, they are class 1. There are no bridges or cables over navigable water. The only submerged cable will be found on photograph 34836 where the end piles were identified.

13. GEOGRAPHIC NAMES

This is the subject of a special report submitted by Mr. Richard L. McGlinchey, Cartographic Survey Aid.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

The reports referred to under items 10 and 13 are the only special reports affecting this quadrangle.

1 May 1953
Submitted by:

William H. Shearouse
William H. Shearouse,
Cartographer V

5 May 1953
Approved by:

Paul Taylor
Paul Taylor
Chief of Party

SCALE FACTOR

1 FT. = 3048006 METER	COMPUTED BY J. Steinberg	DATE 8 August 1952	CHECKED BY H. R. Rudolph	DATE 11 Sept. 1952
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COMM-DC-57843

COMPILATION REPORT
Survey T-9964 (5)

- 12 -

The Photogrammetric Plot Report for this manuscript has been included in the Descriptive Report for Survey No. T-9967.

31. DELINEATION

Graphic methods were used to delineate this manuscript.

32. CONTROL

~~Horizontal control was inadequate.~~ Refer to the Photogrammetric Plot Report which is included in the Descriptive Report for manuscript T-9967, for ~~further~~ discussion.

33. SUPPLEMENTAL DATA

Final name sheet on DARIEN (Georgia) Corps of Engineers quadrangle, used for Geographic Names.

34. CONTOURS AND DRAINAGE

No comment.

35. SHORELINE AND ALONGSHORE DETAILS

Shoreline inspection was adequate, however, this inspection could have been more complete to facilitate compilation.

36. OFFSHORE DETAILS

No comment.

37. LANDMARKS AND AIDS

None.

38. CONTROL FOR FUTURE SURVEYS

Forms 524 are submitted for ~~two~~ ^{three (3)} (2) Recoverable Topographic Stations appearing on the manuscript. The names of these stations are listed ~~in~~ ^{below} paragraph No. 49 of this report.

(1) RIDGEVILLE-2 A2 MK 1952 (stamped RIDGEVILLE No. 1 1932)

(2) WELL A2 MK (1932) 1952

(3) CHIMNEY, 1954 (Refer to item 68 of the Review Report
Final)

39. JUNCTIONS

Junction has been made and is in agreement to the north with T-9962, to the south with T-9966, and to the east with T-9965. There is no contemporary survey to the west.

40. HORIZONTAL AND VERTICAL ACCURACY

Refer to the Photogrammetric Plot Report which is part of the Descriptive Report for T-9967.

41. - 45.

Inapplicable.

46. COMPARISON WITH EXISTING MAPS

This manuscript has been compared with Corps of Engineers Darien (Georgia) Quadrangle, scale 1:62,500 published 1921, reprint 1937.

Comparison has also been made with USC&GS Topographic manuscripts, T-5122, scale 1:20,000 published 1933, and T-5121, scale 1:20,000 published 1933.

47. COMPARISON WITH NAUTICAL CHARTS

This manuscript has been compared with Nautical Chart No. 574, scale 1:40,000, published Nov. 1938, corrected to 7/26/49.

Items to be applied to Nautical Charts immediately:

None

Items to be carried forward:

None

Respectfully submitted
14 May 1954

Jacqueline B. Phillips

Jacqueline B. Phillips,
Carto. Photo. Aid

Approved and Forwarded

E. H. Kirsch
E. H. Kirsch,
Comdr. USC&GS
Baltimore Photo. Office

49. GEOGRAPHIC NAMES

- * ~~Altamaha Creek~~
- Altamaha River
- Ardick
- Ashintilly
- Bethel Ch.
- Black Island
- Boggy Gall Swamp
- Briardam Road
- Briardam Swamp
- * ~~Buffalo Creek~~
- Buffalo Swamp

Cambers Island

- Catfish Creek
- Carnigan
- Cathead Creek
- Chisholm Swamp
- Cow Pen Road
- Daniel Grove Ch.
- Darien
- Darien Creek
- First African Church
- GA 99 (highway)
- Ebenezer Cem.
- Hird Island
- Hird Island Creek
- Ga. 251 (highway)
- King Road
- King Swamp

Lewis Creek

- McIntosh County
- May Hall Creek
- Meridian
- New Homes Ch.
- Pine Island
- Powell Cem.
- Rice Canal
- Ridgeville
- Rifle Cut
- River Road
- St. Mark Church
- Smith Road

- * ~~Tolomato Spanish Mission~~
- Tolomato Spanish Mission Ruins
- Union Island
- U.S. 17 (highway)
- Union Church

POTOSI ISLAND

Name Approved 11/18/57
by Mr. Heck

Refer to The Desc. Report
for T-9966

ADDITIONAL FEATURE
NAMES
FROM MANUSCRIPT &
FROM FIELD EDIT PRINT

Bethel Church
Carnighan School
Carnighan Church
Credit Hill Church
Daniel Grove Church
East Light Church
Ebenezer Cemetery
Edenfield Airport
First African Church
King cemetery
New Homes Church
Powell cemetery
Robson Cemetery
St. Andrews Cemetery
St. Marks Church
Union Church
Upper Mill cemetery

Names approved
10-12-54
A. J. W.

* Shown on Geographic Name Sheet but feature does not appear on manuscript.

50-
PHOTOGRAMMETRIC OFFICE REVIEW

T. 9964

1. Projection and grids
- ☒
2. Title
- ☒
3. Manuscript numbers
- ☒
4. Manuscript size
- ☒

CONTROL STATIONS

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

ALONGSHORE AREAS

(Nautical Chart Data)

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

PHYSICAL FEATURES

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

CULTURAL FEATURES

27. Roads
- ☒
28. Buildings
- ☒
- 29.
- ~~Railroads~~
- ☒
30. Other cultural features
- ☒

BOUNDARIES

31. Boundary lines
- ☒
- 32.
- ~~Public land lines~~
- ☒

MISCELLANEOUS

33. Geographic names
- ☒
34. Junctions
- ☒
35. Legibility of the manuscript
- ☒
36. Discrepancy overlay
- ☒
37. Descriptive Report
- ☒
38. Field inspection photographs
- ☒
39. Forms
- ☒
-
- 40.
- R. J. Shum
- Joseph Steinberg
-
- Reviewer Supervisor, Review Section of 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.

Compiler_____
Supervisor

43. Remarks:

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
~~TO BE CHARTED~~

STRIKE OUT ONE

Baltimore, Maryland

23 June 1955

I recommend that the following objects which have *(Water 100)* been inspected from seaward to determine their value as landmarks be charted on *(Water 100)* the charts indicated.
The positions given have been checked after listing by R. Glaser

E. H. Kirschi

Chief of Party

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION						METHOD OF LOCATION AND SURVEY	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE*		LONGITUDE*									
				°	'	D.M. METERS	°	'	D.P. METERS						
GEORGIA	STACK	CHIMNEY, 1954 Ht = 65' (77)		31	24	18.35	81	23	11.21	N.A.	1927	X	X		574 1241
						565			296						
				NOTE: This is the radially plotted position for the chimney identified by both field inspection and field edit as UNION ISLAND CHIMNEY 1901 (See Notes to Reviewer).											

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 information under each column heading should be given.

FIELD EDIT REPORT
Project Ph-83
Quadrangle T-9964

The field edit of this quadrangle was accomplished during the months of November and December 1954.

51. METHODS

The inspection of the quadrangle was accomplished by traversing all passable roads by truck, walking to areas which required special attention, and by skiff along the waterways. Standard surveying methods were used for corrections and additions.

All additions, corrections and deletions have been indicated on either the field edit sheets, referenced to the field photographs, or answered directly on the discrepancy prints. A legend, describing the symbols and colored ink used, is shown on field edit sheet S/2.

Two 1:10,000 scale, double-weight matte prints are submitted as field edit sheets. Fourteen photographs, on which field edit information has been shown, are listed as follows:

51-0-4278	34857	35040
34836	34858	35041
34837	34859	35042
34837A	34860	35043
34838	34861	

52. ADEQUACY OF COMPILATION

The compilation was adequate with the exception of the corrections and additions indicated by the field edit data. It is believed the compilation will be complete after these are applied.

The original field inspection of swamps, intermittent ponds and woodland was inadequate. This necessitated the

reclassification of the majority of these features. Special attention is called to the numerous small swamps and intermittent ponds. These features are swamp unless otherwise noted. Some are depicted by depression contours.

The levees, questioned on the discrepancy print, at one time enclosed rice fields. The fields have been abandoned, but the levees exist and should be considered a topographic feature.

The Edenfield Airport, near Darien, was checked as questioned on the latest C.A.A. report. The runway has been outlined on photograph 34860, and the other data, as shown on the report, was correct.

The City Limit Boundary of Darien was checked as requested on the discrepancy print. The line compiled from the legal description does not agree with the existing limits as determined from interrogation of local taxpayers. The existing limits are believed to be an unsurveyed line, which was established by automobile speedometer.

The tall chimney on Union Island was inspected, and through local inquiry was determined to be UNION ISLAND CHIMNEY, 1901. According to local residents, this is the only chimney that has ever been on the island. It has been identified on photograph 51-0-4280, and Forms 526, 567 and M-2226-12 are submitted. This is the only structure of its type in the area, and is an excellent landmark.

53. MAP ACCURACY

The horizontal position of the map detail appears to be good with the exception of the drafted contours. Special attention is invited to the deviation of the drafted contour lines from the topographer's contours in the north portion of the quadrangle. The irregularities consist mainly of slight angular expression, and misplacement of the contours along the roads. In no case does this seriously affect the accuracy, but if practicable, this condition should be remedied before smooth drafting to improve the appearance of the final map.

Numerous minor contour corrections were made, especially in the north portion of the quadrangle.

No vertical accuracy tests were requested and none were made.

54. RECOMMENDATIONS

None.

55. EXAMINATION OF PROOF COPY

Mr. J. E. Britt, County Surveyor of McIntosh County, has agreed to examine a proof copy of this quadrangle for possible errors. Mr. Britt's address is: Darien, Georgia.

The placement of three Geographic Names was questioned on the discrepancy prints.

TOLOMATO SPANISH MISSION is located near latitude $31^{\circ}-25.5$, and longitude $81^{\circ}-23.5$. The mission is in ruins, which are divided into two areas - the mission proper, and the living quarters. Some of the walls are standing, but none of the buildings are intact. The property is privately owned, and the areas are outlined on photograph 34837. ✓

Therefore, the name recommended is: TOLOMATO SPANISH MISSION RUINS. ✓

The placement of the names ALTAMAHA CREEK and BUFFALO CREEK was thoroughly investigated, and according to local inhabitants, there are no features within this quadrangle by those names.

BUFFALO CREEK is shown in the Geographic Names Report, submitted for Project Ph-83 in September 1952, as a Base Map Name for Deletion. Creek is outside Project ✓

ALTAMAHA CREEK is recommended for deletion. It was treated in the Geographic Names Report as an Undisputed Base Map Name. ✓

The following addenda are submitted to the Geographic Names Report:

ALTAMAHA CREEK T-9964 Recommended for deletion

Authorities:

Mr. Philip Terrell
Townsend, Georgia

Farmer, fisherman
and local resident
for 50 years.

Mr. S. A. Poppel
Townsend, Georgia

Storekeeper and
local resident for
40 years.

Mr. R. S. Townsend
Darien, Georgia

Fisherman and local
resident for 60
years.

DEC 16 1954
Submitted by:

Joseph K. Wilson
Joseph K. Wilson *agf*
Cartographer

DEC 16 1954

Approved and forwarded:

J. E. Waugh
J. E. Waugh
CDR, USC & GS
Chief of Party

Review Report
Topographic Survey T-9964
October 1957

62. Comparison with Registered Topographic Surveys

T-5121	1:20,000	1933
T-5122	1:20,000	1933
T-1080	1:20,000	1896

T-9964 supersedes these prior surveys for nautical charting for the area it encompasses.

Major differences in swamp portrayal were noted in comparing T-5121 with the new manuscript.

63. Comparison with Maps of Other Agencies

Darien (controlled reconnaissance sheet)
1:62,500 1912
Map is outdated.

64. Comparison with Contemporary Hydrographic Surveys

None

65. Comparison with Nautical Charts

574 November 4, 1938 revised January 1, 1956
Minor shoreline changes have occurred.

66. Adequacy of Results and Future Surveys

This map complies with National Standards of Map Accuracy and Bureau requirements.

67. Boundaries

The compiled corporate limits of Darien represent the most probable location based on the legal description. The corporate limits have never been accurately surveyed.

The northern city limits are defined by a line described as being one mile in every direction from the court house door. The field editor checked the limits in this area by questioning local taxpayers. Existing limits determined by the field editor in this manner (represented by points on line on the photographs) do not agree with the position of the limits determined by the legal description.

- 2 -

Boundaries con.

The legal description is contradictory in regard to shoreline and low water line in defining the limits in the area of navigable streams. The limits in this area are identified on the manuscripts with the approximate legend.

68. Landmarks

The chimney on Union Island was identified on the photographs by the field editor and recommended as a landmark. Through local inquiry, the chimney was thought to be triangulation station Union Island, 1901 (form 562 submitted). The radially plotted position differs by 3.0mm. (90 ft.) with the position for the triangulation station position. The computations involved in the station position were checked and found to be correct by the Geodesy Division. The radial plot was adequately controlled in the area by USC&GS stations. Apparently the existing chimney was built after 1901. A form 524 originating in the Washington Office will be submitted for the station.

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