<table>
<thead>
<tr>
<th>DATE</th>
<th>CHIEF OF PARTY</th>
<th>TYPE OF SURVEY</th>
<th>LOCALITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 15, 1958</td>
<td>E.H. Taylor</td>
<td>Photogrammetric Party No. 1</td>
<td>Georgia, Altamaha River, Ridgerville</td>
</tr>
<tr>
<td>1945-54</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DESCRIPTIVE REPORT**

**U.S. COAST AND GEOGRAPHIC SURVEY**

**DEPARTMENT OF COMMERCE**

**N95**

**4964**
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): 1:100,000

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 (8) 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" (B60.1m) Long.: 81° 23' 53.900" (1423.8m) Adjusted

Plane Coordinates (IV):

Y= State: Zone:

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.

Form T- Page 1
Areas contoured by various personnel
(Show name within area)

(W.H.S. = W. H. Shearcuse
J.C.L. = J. C. Lajoye
E.R.B. = E. R. Ballance
W.M.G. = W. M. Gottschlich)
DATA RECORD

Field Inspection by (II): William H. Shearouse, Cartographer
Date: December, 1952

Planetable contouring by (II): William H. Shearouse, Cartographer
John C. LaJoye, Cartographer
Warren M. Gottschlich, Carto. Surv. Aid
Elton R. Ballance, Carto. Surv. Aid
Date: Sept. 1952

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

Racial Plot (continued)
H. R. Rudolph
Date: 9/1/53

Stereoscopic Instrument compilation (III):
Planimetry
Contours

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
**PHOTOGRAPHS (III)**

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Time</th>
<th>Scale</th>
<th>Stage of Tide Above MLW</th>
</tr>
</thead>
<tbody>
<tr>
<td>51-0-4278 to</td>
<td>4/11/51</td>
<td>0923 - 0924</td>
<td>1:10,000</td>
<td>3.9</td>
</tr>
<tr>
<td>51-0-4310</td>
<td></td>
<td>0955</td>
<td></td>
<td>4.5</td>
</tr>
<tr>
<td>34835 to 34839</td>
<td>2/11/52</td>
<td>1030 - 1033</td>
<td></td>
<td>5.6 (Doboy Sound)</td>
</tr>
<tr>
<td>34840</td>
<td>2/11/52</td>
<td>1033</td>
<td></td>
<td>6.7 (Sapelo River)</td>
</tr>
<tr>
<td>34856 to 34859</td>
<td></td>
<td>1134 - 1135</td>
<td></td>
<td>(inland)</td>
</tr>
<tr>
<td>34860 - 34861</td>
<td></td>
<td>1136 - 1137</td>
<td></td>
<td>5.5</td>
</tr>
<tr>
<td>35038 to 35040</td>
<td>2/18/52</td>
<td>1113</td>
<td></td>
<td>3.2</td>
</tr>
<tr>
<td>35041 to 35044</td>
<td></td>
<td>1114 - 1115</td>
<td></td>
<td>(inland)</td>
</tr>
</tbody>
</table>

**Tide (III)**

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

<table>
<thead>
<tr>
<th>Ratio of Ranges</th>
<th>Mean Range</th>
<th>Spring Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1</td>
<td>7.3</td>
<td>8.5</td>
</tr>
</tbody>
</table>

Washington Office Review by (IV): J. G. BLANKENBAKER

Final Drafting by (IV):
Drafting verified for reproduction by (IV):

Proof Edit by (IV):

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
Number of BMs searched for (II): None
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.

*The recoverable topographic stations were recovered.*
COMPILATIONS IN TWO PARTS (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 1:32,000 (U.S.G.S.) taken March 1951
Summary

To Accompany Topographic Map T-9964

Topographic map T-9964 is one of sixteen 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. Catherine's 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 planitable methods.

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 ("O" 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-63

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 southeast 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-966. 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, 1950
SAWDESTE, 1918

4. VERTICAL CONTROL

Eight 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.

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 planimetric 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 planimetric traverse lines. Closures of planimetric 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 Plotter 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 foreshore 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,
Cartographer

5 May 1953
Approved by:

Paul Taylor
Chief of Party
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>DATUM</th>
<th>LATITUDE OR y-COORDINATE</th>
<th>LONGITUDE OR x-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS</th>
<th>N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
<th>DATUM CORRECTION</th>
<th>FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>WELL, 1932</td>
<td>G-1892 p. 24</td>
<td>N.A. 1927</td>
<td>31 27</td>
<td>08.932</td>
<td>275.1 (1572.8)</td>
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<td></td>
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<tr>
<td>MCCLENDON, 1932</td>
<td>&quot;</td>
<td>N.A.</td>
<td>31 26</td>
<td>25.127</td>
<td>773.9 (1074.0)</td>
<td></td>
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<tr>
<td>Sub. Ft. MCCLENDON, 1932</td>
<td>&quot;</td>
<td>N.A.</td>
<td>31 26</td>
<td>04.808</td>
<td>127.0 (1457.4)</td>
<td></td>
<td></td>
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<tr>
<td>Sub. Ft. WELL, 1932</td>
<td>&quot;</td>
<td>N.A.</td>
<td>31 27</td>
<td>81 30</td>
<td>269.2 (1578.7)</td>
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<td>&quot;</td>
<td>N.A.</td>
<td>31 27</td>
<td>81 25</td>
<td>602.1 (982.1)</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>WELL A2 MK,</td>
<td>(RM NO. 3), 1932</td>
<td>N.A.</td>
<td>31 27</td>
<td>81 25</td>
<td>436.2 (1411.7)</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>RIDGEVILLE 2, 1950</td>
<td>G-1892 p. 25</td>
<td>N.A.</td>
<td>31 24</td>
<td>27.960</td>
<td>861.1 (986.8)</td>
<td></td>
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<tr>
<td>UNION ISLAND CHIMNEY, 1901</td>
<td>G-1903 p. 133</td>
<td>N.A.</td>
<td>31 24</td>
<td>18.542</td>
<td>571.1 (1276.8)</td>
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<tr>
<td>Sub. Ft. RIDGEVILLE 2, 1950</td>
<td>&quot;</td>
<td>N.A.</td>
<td>31 24</td>
<td>81 24</td>
<td>1003.6 (843.3)</td>
<td></td>
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</tr>
</tbody>
</table>

1 FT. = 0.3048 METER

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 the (3) Recoverable Topographic Stations appearing on the manuscript. The names of these stations are listed in paragraph No. 49 of this report.

- Ridgeville-Z, AZ, MK, 1952 (stamped Ridgeville No. 1, 1932)
- Well AZ, MK, (1932), 1952
- Chimney, 1954 (Refer to Item 48 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 USGS Topographic manuscripts, T-5122, scale 1:20,000 published 1933, and T-5123, 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. USCGS
Baltimore Photo. Office
49. GEOGRAPHIC NAMES

* Altamaha Creek
  Altamaha River
  Ardick
  Ashintilly
  Bethel Church
  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 Church
  Darien
  Darien Creek
  First African Church
  GA 99 (highway)
  Ebenezer Cemetery
  Hird Island
  Hird Island Creek
  GA 251 (highway)
  King Road
  King Swamp
  Lewis Creek
  McIntosh County
  May Hall Creek
  Meridian
  New Homes Church
  Pine Island
  Powell Cemetery
  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. Mary's Church
Union Church
Upper Mill Cemetery

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

* Shown on Geographic Name Sheet but feature does not appear on
  manuscript.
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. Rocks, shoals, etc.  
15. Bridges  
16. Aids to navigation  
17. Landmarks  
18. Other alongshore physical features  
19. Other alongshore cultural features  

PHYSICAL FEATURES
20. Water features  
21. Natural ground cover  
22. Planetary 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. Juncions  
35. Legibility of the manuscript  
36. Discrepancy overlay  
37. Descriptive Report  
38. Field inspection photographs  
39. Forms  

Reviewer  
Supervisor, Review Section or Unit

40. 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**

**Baltimore, Maryland**

23 June 1955

I recommend that the following objects which have been inspected from seaward to determine their value as landmarks be charted on the charts indicated.

The positions given have been checked after listing by R. Glaeser

---

**State** | **Georgia**
---|---
**Charting Name** | **Description** | **Signal Name** | **0** | **D.H. Meters** | **0** | **D.P. Meters** | **Datum** | **Method of Location and Survey** | **Date of Location** | **Hazard Chart** | **Hard Chart** | **Charts Affected**
---|---|---|---|---|---|---|---|---|---|---|---|---
**Stack** | **Chimney, 1956** | **Ht = 65' (77)** | 31 | 24 | 565 | 81 | 23 | 298 | 1927 | 1st Plot 1954 | X | X | 574

**NOTE:** This is the radially plotted position for the chimney identified by both field inspection and field edit as UNISON ISLAND CHIMNEY 1907

(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 head 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:

<table>
<thead>
<tr>
<th>51-0-4278</th>
<th>34836</th>
<th>34837</th>
<th>34837A</th>
<th>34838</th>
</tr>
</thead>
<tbody>
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<td>34858</td>
<td>34859</td>
<td>34860</td>
<td>34861</td>
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<tr>
<td>35040</td>
<td>35041</td>
<td>35042</td>
<td>35043</td>
<td></td>
</tr>
</tbody>
</table>

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-O-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°25'5", and longitude 81°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  
Cartographer

DEC 16 1954  Approved and forwarded:
J. E. Waugh  
CDR, USG & 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.
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 USCGS stations. Apparently the existing chimney was built after 1901. A form 521 originating in the Washington Office will be submitted for the station.

Reviewed by:

S. G. Blankenbaker

Approved by:

L. H. Lande
Chief, Review & Drafting, Sec.
Photogrammetry Division

Chief, Nautical Charts Branch
Charts Division

Chief, Photogrammetry Div.