

9963

NAS

Diag. Cht. No. 1241-2.

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Topographic

Field No. Ph-83 Office No. T-9963

LOCALITY

State Georgia

General locality Sapelo Sound

Locality Shellman Bluff

194 51-54

CHIEF OF PARTY

P. Taylor, Chief of Field Party

E.H.Kirsch, Baltimore Photo. Office

LIBRARY & ARCHIVES

DATE June 10, 1958

3333

DATA RECORD

T - 9963

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, Field**
OFFICE: 25 August 1953Copy filed in Division of
Photogrammetry (IV)*Office Files*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): **9-10-54** Date reported to Nautical Chart Branch (IV): **SEP 16 1954**

Applied to Chart No.

Date:

Date registered (IV): **27 Nov 1957**

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 waterReference Station (III): **HARRIS, 1934**Lat.: **31° 34' 04.809"**Long.: **81° 18' 27.940"**Adjusted
Unadjusted

Plane Coordinates (IV):

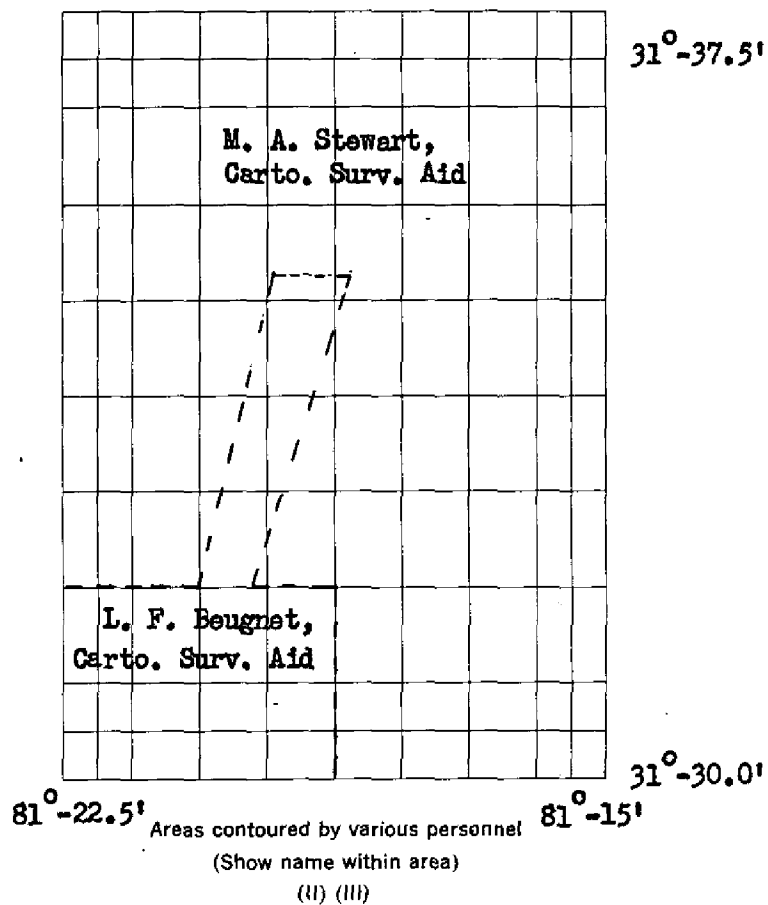
State: **Georgia**Zone: **east**

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.



DATA RECORD

Field Inspection by (II): **Leo F. Beugnet, Carto. Surv. Aid** Date: **March - September**
Warren M. Gottschlich, Carto. Surv. Aid 1952
William H. Shearouse, Cartographer

Planetable contouring by (II): **Matthew A. Stewart, Carto. Surv. Aid** Date: **May - September**
Leo F. Beugnet, Carto. Surv. Aid 1952

Completion Surveys by (II):

Date:

James E. Hundley

Oct. 1954

Mean High Water Location (III) (State date and method of location): **April 1, 1951 (date of photography)**
Photogrammetric - field and office identification

Field Edit Oct. 1954

Projection and Grids ruled by (IV): **J. Allen**

Date: **7/1/52**

Projection and Grids checked by (IV): **H. R. Cravat**

Date: **7/2/52**

Control plotted by (III): **J. B. Phillips**

Date: **10/10/52**

Control checked by (III): **R. Hartley**

Date: **10/16/52**

Radial Plot ~~or Stereoscopic~~

Date: **11/18/52**

~~Control extension~~ by (III):

R. Hartley

Planimetry

Date:

Stereoscopic Instrument compilation (III):

Contours

Date:

Manuscript delineated by (III): **R. M. Whitson**
J. J. Schleupner

Date: **7/7/54**

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

Date: **8/20/54**

Elevations on Manuscript **R. Glaser**
checked by (II) (III):

Date: **8/20/54**

USC&GS single lens "0" Camera
 Camera (kind or source) (III): USC&GS 6" focal length camera

9L camera

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
51-0-3394 - 3398	4/1/51	1504	1:10,000	4.6 above MLW
51-0-3399 - 3400	4/1/51	1505	"	5.2 " "
51-0-3433	4/1/51	1522	"	5.5 " "
51-0-3434 - 3438	4/1/51	1524	"	4.9 " "
51-0-3478 - 3482	4/1/51	1541	"	5.5 " "
51-0-3483	4/1/51	1542	"	6.0 " "
GS-NU-4-192 - 196	3/31/51	0954	1:32,800	0.6 " "
51-0-4272 & 4274	4/11/51	0919	1:20,000	Not computed
<i>34841-34842</i>	<i>2/11/52</i>	<i>1035</i>	<i>1:10,000</i>	

Tide (III)

From Predicted Tide Tables

Reference Station: SAVANNAH RIVER ENTRANCE, GA.
 Subordinate Station: PINE HARBOR, SAPELO RIVER
 Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range
	6.9	8.1
1.1	7.8	9.2

Washington Office Review by (IV):

Date: *Nov 1955*

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): *48* Sq. statute miles.

Shoreline (More than 200 meters to opposite shore) (III): *57* miles

Shoreline (Less than 200 meters to opposite shore) (III): *194* miles

Control Leveling - Miles (II): *36.0*

Number of Triangulation Stations searched for (II): *39*

Recovered:

15

Identified: *15*

Number of BMs searched for (II): *8*

Recovered:

5

Identified: *2*

Number of Recoverable Photo Stations established (III): *2*

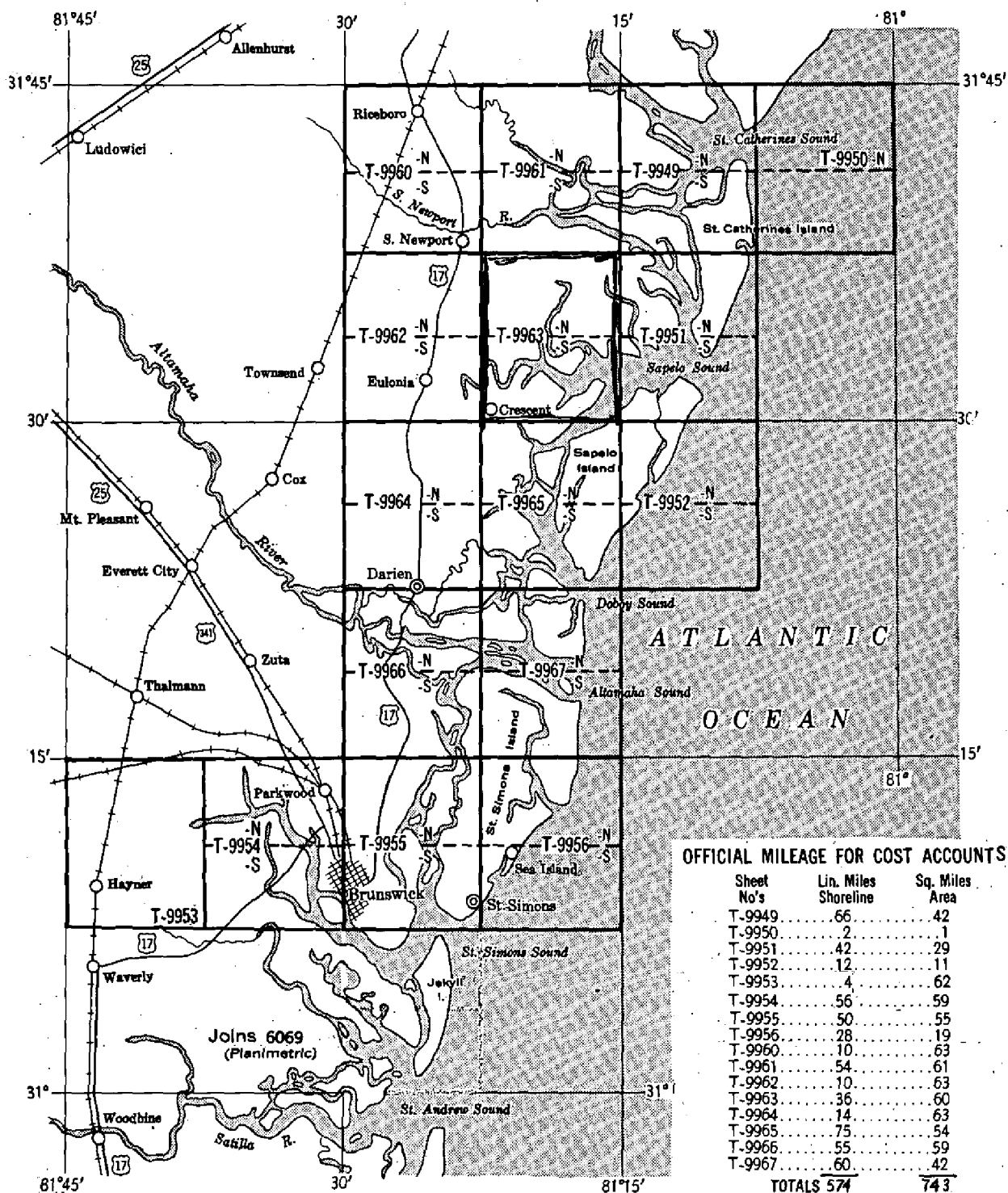
Number of Temporary Photo Hydro Stations established (III): *none*

Remarks:

TOPOGRAPHIC MAPPING PROJECT 24180

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

PROJECT PH-83

FIELD INSPECTION REPORT, T-9963

2. AREAL FIELD INSPECTION

The area is crossed by numerous rivers and creeks. The main east-west one is the Sapelo River; the most prominent north-south one being the Julienton River. The streams form numerous marsh islands and "necks" or points of high land. Generally, the land rises sharply from the marsh to the high ground forming bluffs where the river touches the fast land.

Actually "bluff" is a characteristic of the quadrangle, as there are numerous settlements that go by the name of "bluff". For instance there is a "Contentment Bluff", "Dallas Bluff", "Shellman Bluff", "Pleasure Bluff", as well as others. These are villages, and with Crescent and Fairhope make up the "settled" or populated areas.

Inland the terrain is fairly flat with minor sand ridges. Vegetation is pine and scrub oak on the ridges. Deciduous (oak) trees are found in clumps or hammock-like areas. Swampy places are covered with cypress or gum and other deciduous trees.

Photographic coverage was adequate and the quality satisfactory. No unusual difficulties were experienced in interpreting photographic tones and enough labels were made to aid the compiler in delineation.

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

3. HORIZONTAL CONTROL

All known control was searched for and reported on Form 526. Fifteen stations were identified on the photographs. Two of these (SHELL, 1932 and NO. 3, 1933) were established by the U.S.E.D. Four of the stations identified were reported lost or destroyed; they are:

RIVER, 1934 (monument broken off);
SUTHERLAND, 1932 (monument leaning slightly);
CONTENT, 1934 (found destroyed; Reference Mark identified); and
BELL, 1934 (destroyed by erosion; Reference Mark identified).

U.S.C. & G.S. Stations reported lost or destroyed are:

SUTHERLAND, 1932	NECK, 1934
CONTENT, 1934	BEND, 1934
FOUR, 1934	SPRING, 1934
GRASS, 1934	LANDING, 1934
RIVER, 1934	FAIR, 1934
BELL, 1934	DUM, 1934
CRESCENT POST OFFICE, CENTER OF BOATHOUSE, NORTH OF	
FAIRHOPE BOAT LANDING PILE S.E. CORNER	
MUD RIVER BEACON NO. 1, 1933	
" " FRONT RANGE NO. 1, 1933	
" " REAR " " " "	
" " FRONT " " 2, "	
" " REAR " " " "	
" " FRONT " " 3, "	
" " REAR " " " "	
" " FRONT " " 4, "	
" " REAR " " " "	

4. VERTICAL CONTROL

Four bench marks, all of which were established by this agency, were used as basic control. They are: R 189, X 189, DAVIS R.M. 3 and Z 189.

A Zeiss opton level and topographic rods were used to establish supplemental control for contouring, along 36 miles of level lines. The greatest error of closure was 0.21' and no adjustment was made. The level points (temporary bench marks) are practically all on stakes or the ends of culverts, as they are along dirt roads, and do not in all cases exactly represent the elevation of the ground. These level points are numbered 63-1 to 63-82, inclusive.

Vertical control on Creighton Island was carried from the mainland by water level (during slack tide) with an elapse of time of approximately 10 minutes, to a temporary bench mark, and was closed by the same method with a closure of 0.2 foot.

Elevations and contours on the numerous small islands are based on predicted tides by means of a tide curve. This method was used only during calm, normal weather and whenever practicable the actual time of low water was checked against the curve.

5. CONTOURS AND DRAINAGE

Contouring was accomplished by using standard planetable methods and was done directly on the 1:10,000 scale single-lens photographs at an interval of five (5) feet. In that area contoured by Mr. Matthew A. Stewart, the contours were redrawn, and/or reshaped, with the aid of the stereoscope, by the writer. In some areas, where the contours were changed extensively, tests were made to prove their accuracy, and in no case was it necessary to change the reshaped contours. In some cases the original contours were erased and redrawn, and in others a different color ink was used. Explanatory notes will be found on the photographs.

6. WOODLAND COVER

The woodland cover has been classified in accordance with the Topographic Manual Part II and it is believed that a sufficient number of characteristic wooded areas have been classified so that the compiler will be able to classify the remaining areas by analogy.

7. SHORELINE AND ALONGSHORE FEATURES

The high-water line was inspected and labeled or symbolized. Mostly it is self-evident. The apparent shoreline symbol was used at marsh limits.

The low-water line was not thoroughly inspected and where shown the "approximate" symbol used. The foreshore is mud or sand and shell throughout.

Bluffs were labeled during shoreline inspection or depicted by the contours.

Numerous small piers exist along the river bluffs, principally being used by fishing boats. These and the other shoreline structures, such as boat houses, fish houses, etc. have been labeled.

8. OFFSHORE FEATURES

Marsh islets are the only offshore features noted. They were inspected and labeled.

9. LANDMARKS AND AIDS

One landmark (AVIATION BEACON NO. 8), which is also an Aeronautical Aid, exists within the quadrangle and has been reported on Form 567.

The Fixed Aids were located in accordance with the project instructions and reported on Form 567.

There are no interior landmarks.

10. BOUNDARIES, MONUMENTS AND LINES

This is covered in the "Special Report on Boundaries" submitted by Mr. Richard L. McGlinchey, Cartographic Survey Aid, dated 26 November 1952. *Filed under Project Data, Div. of Photogrammetry*

11. OTHER CONTROL

No recoverable topographic stations were established because:

- (1) Due to the open nature of the marshes it is believed that control for future hydrographic surveys can easily be established by planetable from existing triangulation stations.
- (2) No natural or physical features that are suitable for recoverable topographic stations exist along these marsh shorelines.

12. OTHER INTERIOR FEATURES

All roads were classified in accordance with instructions. Buildings have been inspected and classified. There are no bridges or cables over navigable water.

13. GEOGRAPHIC NAMES

This is the subject of a special report submitted by Mr. Richard L. McGlinchey, Cartographic Survey Aid. *(Filed in Geographic Branch, Charts Division)*

The maps showing the approximate location of schools and churches in this and other quadrangles in the project are a part of the Geographic Names Report, as they also contain Geographic Names data.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Those reports mentioned under Items 10 and 13 are the only supplemental data.

8 January 1953

Submitted by:

George E. Varnadoe
George E. Varnadoe,
Cartographic Engineer

9 January 1953

Approved by:

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

MAP T- 9963 S PROJECT NO. Ph-83(51) SCALE OF MAP 1:10,000 SCALE FACTOR None

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ψ -COORDINATE LONGITUDE OR χ -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
MONK, 1934	G2324 p 169	N. A. 1927	31 33 33.424 81 16 27.302			1029.4 (818.5) 720.0 (862.4)	
THORPE, 1933	GTZ G 1786 p 80	"	31 33 25.956 81 18 08.265			799.4 (1048.5) 218.0 (1364.5)	
FAIRHOPE, 1933	" p 81	"	31 32 45.860 81 22 29.510			1412.4 (435.5) 778.4 (804.2)	
GUN, 1934	G 2324 p 167	"	31 32 14.958 81 21 48.155			460.7 (1387.2) 1270.3 (312.5)	
Sub Pt GUN, 1934	"	"	31 32 81 21			592.5 (1255.4) 1364.0 (218.8)	
SUTHERLAND, 1932	G 1892 p 38	"	31 32 55.262 81 19 41.614			1702.0 (145.9) 1097.6 (485.0)	
Sub Pt RIVER, 1934	"	"	31 32 81 20			1654.4 (193.5) 1008.1 (574.5)	
PELO, 1934	G 2324 p 167	"	31 32 21.256 81 19 18.708			654.7 (1193.2) 493.5 (1089.2)	
Sub Pt PELO, 1934	"	"	31 32 81 19			613.3 (1234.6) 444.9 (1137.8)	
NO. 3 (USE), 1933	GTZ G 1786 p 89	"	31 30 38.440 81 16 53.976			1183.9 (664.0) 1424.3 (158.9)	Page 13
CRESCENT, 1932	G 1892 p 24	"	31 30 32.552 81 22 13.977			1002.6 (845.3) 368.8 (1214.4)	
SHELL (USE), 1932	GTZ G 1786 p 74	"	31 31 43.309 81 15 34.908			1333.9 (514.0) 920.9 (662.0)	

MAP T-..... 9963 S
PROJECT NO..... Ph-83(51)
SCALE OF MAP..... 1:10,000
SCALE FACTOR..... None

SCALE FACTOR None

SCALE OF MAP ~~1:10,000~~.....

PROJECT NO..... Ph-83(51)

MAP T-9963 S

[illegible]

Page 14

DATE 6 October 1952 M-2388-12
11 September 1952

CHECKED BY: G.B. Torbert
H.R. Rudolph

DATE 2 October 1952
6 August 1952

1 FT. = 3048006 METER
COMPUTED BY: H. R. Rudolph
J. Steinberg

COMPILATION REPORT
Project No. Ph-83
Quadrangle T-9963

The Photogrammetric Plot Report covering this area was made a part of the Descriptive Report for survey T-9961.

31. DELINEATION

Graphic methods were used to delineate this manuscript.

32. CONTROL

The identification, density, and placement of horizontal control was adequate.

Refer to Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

Army Map Service, Sapelo River, Georgia, Quadrangle, scale 1:50,000 dated 1948. Final Name Sheet for Geographic Names.

Map of Harris Neck Airfield, Map Q.

34. CONTOURS AND DRAINAGE

No comment.

35. SHORELINE AND ALONGSHORE DETAILS

Shoreline inspection was adequate.

MLWL and shallow lines were delineated from office interpretation.

36. OFFSHORE DETAILS

A wreck has been located at approximately 31° 35' 30" Latitude and 81° 18' Longitude in Julienton River.

37. LANDMARKS AND AIDS

Form No. 567 has been submitted for seven non-floating aids to navigation and one landmark which is also an aeronautical aid.

38. CONTROL FOR FUTURE SURVEYS

Forms 524 for two recoverable topographic stations are submitted with this report, and listed under item No. 49.

39 JUNCTIONS

Junctions have been made and are in agreement with surveys T-9961 to the north, T-9951 to the east, T-9965 to the south, and T-9962 to the west.

40. HORIZONTAL AND VERTICAL ACCURACY

Refer to Radial Plot Report.

See §66

41 - 45

Inapplicable.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with surveys T-5117 (1933), T-5119 (1933), T-5121 (1933), scale 1:20,000; and T-5219 (1933) scale 1:10,000; also Army Map Service Quadrangle, Sapelo River, Georgia, scale 1:50,000, dated 1948.

See §62

47. COMPARISON WITH NAUTICAL CHARTS:

Comparison has been made with Chart No. 574, scale 1:40,000, published in November 1938 (second edition) corrected to 8/20/51; and Chart No. 573 scale 1:40,000 published in October 1937, corrected to 5/18/51.

See §65

Items to be applied to charts immediately:

None.

Items to be carried forward:

None.

Respectfully submitted
7 July 1954

Ruth M. Whitson

Ruth M. Whitson
Carto. Photo. Aid

Approved and Forwarded

E. H. Kirson
E. H. Kirson, Comdr. USC&GS
Officer in Charge
Baltimore Photogrammetric Office

Back River
Barbour Island River
Bellville Point
Broro Neck
Broro River

Cedar Creek
Contentment Bluff
Creighton Island
 * Creighton Narrows
Crescent
Crescent River

Dog Hammock
 ** Dog Hammock Spit

Eagle Creek
Eagle Neck

Fourmile Island
Fourmile Point
Front River

GA 99 (highway)
Gould Landing

GA 131 (Hwy)

Harris Neck
Harris Neck Creek
Harris Neck Road

* Intracoastal Waterway

Julienton (locality)
Julienton River
July Cut

Little Mud River

McIntosh County
Mud River

Pine Harbor (Settlement)

Ridge River Mouth
Ridge Road
Sapelo Island
Sapelo River
Sapelo Sound
Savannah Cut
Shell Creek
Shellman Bluff (Settlement)
Sutherland Bluff
Swinton Road

* Name from Chart 574. ** DOG HAMMOCK SPIT, - feature not shown on Map Manuscript. Geographic name lettered on Manuscript in pencil.

White Chimney River

YOUNG MAN (per Field Edit)
Youngman Road

Gould Branch Church

Deleted by Review { Shellman Bluff Church
Shellman Bluff Church

Crescent Church

→ Union Church
 deleted by Review
 no longer used as
 church per Field Edit

Names approved
 subject to Field Edit

9-20-54
 A.J.U.

Will be more accurately
 positioned when hydro is
 added.

49. NOTES FOR THE HYDROGRAPHER

Two recoverable topographic stations have been shown on this map manuscript and listed as follows:

CRESCENT AZ. MK. (RM 3) (1932) 1952
SUTHERLAND AZ. MK. (RM 3) (1932) 1952

PHOTOGRAMMETRIC OFFICE REVIEW

T-9963

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 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. P. Glaser Joseph Steinberg
Reviewer 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.

Compiler_____
Supervisor

43. Remarks:

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

**TO BE CHARTED
~~NOX BEX DUB HED~~**

STRIKE OUT ONE

NONFLOATING AIDS ORIENTED MARKS FOR CHARTS

Baltimore, Maryland

15 July 1954

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

The positions given have been checked after listing by

R. Glaser

REPORT OF THE

E. H. Kirsch,

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

~~TO BE CHARTED~~
~~TO BE DELETED~~

STRIKE OUT ONE

NON-FLOATING AND/OR LANDMARKS FOR CHARTS

Baltimore, Maryland

15 July

19
ਜੈ

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

The positions given have been checked after listing by

H. Elaser

THE

E. N. Elrich,

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 for

STRIKE OUT ONE

Brown and, George

29 October 1954

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

The positions given have been checked after listing by

14

1951

J. L. Vaughn, CDR, USNCG, 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 *not for navigation*.

FIELD EDIT REPORT
Project Ph-83
Quadrangle T-9963

51. METHODS

The field edit of this area was accomplished by standard surveying methods in conjunction with visual inspection. Actual field work was completed in November 1954.

Field edit data appears on the field edit sheets, discrepancy prints, field photographs 51-O-3394 thru 3396, 3433, 3436 thru 3439, 3477 thru 3481, 3482A, 3483, and in this report.

A legend appears on field edit sheet S/2, which is self-explanatory.

52. ADEQUACY OF COMPILATION

It is believed that the map compilation will be adequate after field edit revisions have been applied.

53. MAP ACCURACY

The topographic features as expressed by the map detail appear in correct relationship.

The accuracy of the contouring and topographic expression, in general, is believed to be adequate.

Minor corrections were made in the contouring as shown on field photographs 51-O-3436 through 3439, 3478, 3481, 3483 and 3395.

No vertical accuracy tests were requested and none were made.

Sec 566

54. RECOMMENDATIONS

None.

55. EXAMINATION OF PROOF COPY

It is believed that Mr. J. E. Britt, registered surveyor of McIntosh County, Darien, Georgia is best qualified to examine a proof copy of the map of this area.

One additional geographic name (FRIENDSHIP BAPTIST CHURCH) has been shown on field edit sheet N/2. This name was verified in the field.

56. WOODLAND COVER

Refer to item 6 - Field Inspection Report.

Additional information to aid in the delineation of woodland cover (mainly swampland) has been noted on photographs 51-0-3396, 3436 through 3439, and 3477 through 3481.

57. SHORELINE AND ALONGSHORE FEATURES

Refer to Item 7 - Field Inspection Report.

Additional piers and buildings have been shown, on the field edit sheets, along the shores of Pine Harbor, Bellville Point, Crescent and Shellman Bluff.

58. AIDS TO NAVIGATION

Refer to Item 9 - Field Inspection Report.

Plane table cuts were taken to establish the position of one additional fixed aid, Front River Daybeacon 154. Form 567 is submitted.

59. BOUNDARIES

Refer to Washington Office memorandum filed in the Field Inspection Report. *(Not of permanent value.)*

According to the Quit Claim Deed (a copy of which is being submitted) filed in the Office of the McIntosh County Court Clerk, Darien, Georgia, McIntosh County is the owner of all of Harris Neck Airport, with certain reservations and exclusions, all of which are definitely noted in the Quit Claim Deed.

This area is now used as a cattle range.

60. OTHER INTERIOR FEATURES

Refer to Item 12 - Field Inspection Report.

The reclassification of roads and buildings, where justifiable, has been shown on the field edit sheets.

Numerous additional roads and buildings have been shown on the field edit sheets and photographs. All photographs on which additional roads and buildings have been shown are properly noted on the discrepancy prints.

JUNCTIONS

Comparison of detail at the junctions of adjacent contemporary surveys has been made.

Submitted by:

for J. E. Waugh
James E. Hundley
Cartographer

ADDENDUM TO FIELD EDIT REPORT

QUADRANGLE T-9963

The Field Edit data for this quadrangle as submitted by Mr. James E. Hundley was reviewed by the Chief of Party prior to mailing to the Photogrammetric Office. There were several discrepancies noted, which were believed to require additional field investigation. This investigation concerning limits of swamps and shoreline detail was made by myself with Mr. Joseph K. Wilson's assistance. No erasures were made of the original Field Edit work, but a different ink (orange) was used to distinguish the changes. These differences in orange are to supersede the changes noted in purple and are found on photographs 51-0-3394; 3395; 3437 through 3439; 3477 through 3480; and 3482.

Attention is invited to the swamp classification in the northwest portion of the quadrangle. The compiler's interpretation was in error. Numerous areas along steep slopes were shown as swamp. The original field inspection was very poor, in fact - non-existent. Mr. Hundley has adequately labeled most of the areas. It was necessary to amend in several instances the field edit data. Your attention is invited to the addition of a 30-foot contour and cemetery east of Crescent Church (photograph 51-0-3482).

Attention is also invited to two areas along the marsh, photographs 51-0-3394, 3395 and 3482. These areas consist of narrow strips of mud and/or sparse grass adjacent to the fast ground. They are not navigable except by small skiff during high stages of tide. It is believed that the classification as compiled from photographs 51-0-3394 and 3395 and on the north portion of the sheet is not correct. The Marsh (indefinite) symbol should be extended to the fast land, except for the stream indicated on photograph 51-0-3395 and on the compilation. A similar area in the south portion of the quadrangle, as compiled from photograph 51-0-3482, has been shown as a narrow strip of mud adjacent

to the fast ground. It is believed that the Marsh (indefinite) symbol is more nearly a representation of the area and the symbol should be extended to the fast land. It is believed that in the interest of consistency that this is generally true of the entire area; i.e., the marsh extends to the fast land.



J. E. Waugh
CDR, USC & GS
Officer in Charge

Summary to Accompany Descriptive Report

T-9963

Topographic map T9963 is one of ¹⁶~~14~~ similar maps in PROJECT 6083. This project covers the Georgia Coast from latitude $31^{\circ} 07' 30''$ (St. Simons Sound) northerly to latitude $31^{\circ} 45'$ (St. Catherine Sound).

This map was compiled by hand plot methods. Field work prior to compilation included complete field inspection, supplemental leveling and complete planetable contouring. The compilation was at scale of 1:10,000. The manuscript is in 2 sheets, each $3.75'$ in latitude and $7.5'$ in longitude. The map was field edited and is to be published by the Geological Survey at a scale of 1:24,000 as a standard $7.5'$ topographic quadrangle. The registered copies under T-9963 will include 2 one-half quadrangle cloth-mounted prints at scale 1:10,000 designated as T-9963 N and T-9963 S, and a complete $7.5'$ quadrangle cloth-mounted print in color at scale 1:24,000. Hydrographic Data furnished by this Bureau, including depth curves and soundings will be shown on the color print.

John M. Neal
John M. Neal
Reviewer
December 1955

Review Report
T-9963
Topographic Map
November 1955

62. Comparison with Registered Topographic Surveys:

T 678	1:10,000	1857
721	1:20,000	1857-58
1155	"	1869
4121	"	1924-25
5117	1:20,000	1933
5119	"	"
5121	"	"
5219	1:10,000	"
6159b	"	1934
6160a and b	"	"
6194a and b	"	"

Comparison with the 1933 and 1934 surveys indicates extensive natural and cultural changes. T-9963 supersedes all the above surveys in common areas for nautical charting purposes.

63. Comparison with Maps of Other Agencies:

AMS SAPELO RIVER, 1:50,000, 1948, 10-ft. contour interval,
15-minute topographic quadrangle.

T-9963 completely supersedes the SE/4 of the above map as a source of topographic information.

64. Comparison with Contemporary Hydrographic Surveys:

None.

65. Comparison with Nautical Charts:

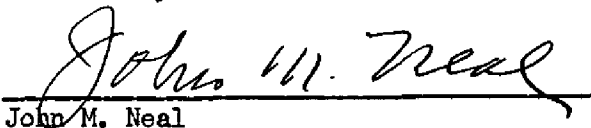
Chart 574	1:40,000	1938 (53-7/13)
" 573	"	1937 (50-1/23)

No critical differences noted except as mentioned under 62 above.

66. Adequacy of Results and Future Surveys:

This map complies with all instructions and with the National Standards of Map Accuracy. It is of adequate accuracy for use as a base for hydrographic surveys. Accuracy of the plane-table contouring was tested concurrently with the surveys by field supervisors.

Reviewed by:


John M. Neal

APPROVED:

L. C. Hande
Chief, Review Section
Photogrammetry Division

Wallace A. Bruden
for Chief, Nautical Chart Branch
Charts Division

Act. *J. Bull*
Chief, Photogrammetry Division

J. Bull
Chief, Coastal Surveys Division

NAUTICAL CHARTS BRANCH

SURVEY NO. T-9963

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.