

9960

N&S

Diag. Cht. No. 1241-2 Insert.

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Topographic

Field No. - Ph-83 Office No. T9960

LOCALITY

State Georgia

General locality North Newport River

Locality Riceboro

1951-55

CHIEF OF PARTY

J.E. Waugh, Chief of Field Party

E.H. Kirsch, Balto. Photo. Office

LIBRARY & ARCHIVES

DATE June 10, 1958

9960

DATA RECORD

T - 9960

Project No. (II): **Ph-83**

Quadrangle Name (IV):

Field Office (II): **Brunswick, Georgia**Chief of Party: **J. E. Waugh**

Photogrammetric Office (III):

Officer-in-Charge: **E. H. Kirsch**Instructions dated (II) (III): **27 December 1951, Field:**

Copy filed in Division of

Supplement 1 dated: 12 March 1952

Photogrammetry (IV)

" 5 " : 16 October 1952*Office Files***Office: 25 August 1952**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):

Date reported to Nautical Chart Branch (IV):

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 water

Reference Station (III): **LESTER, 1918**Lat.: **31° 42' 20.427" (629.1 m)** Long.: **81° 26' 49.068" (1292.1 m)**Adjusted
~~Unadjusted~~

Plane Coordinates (IV):

State:

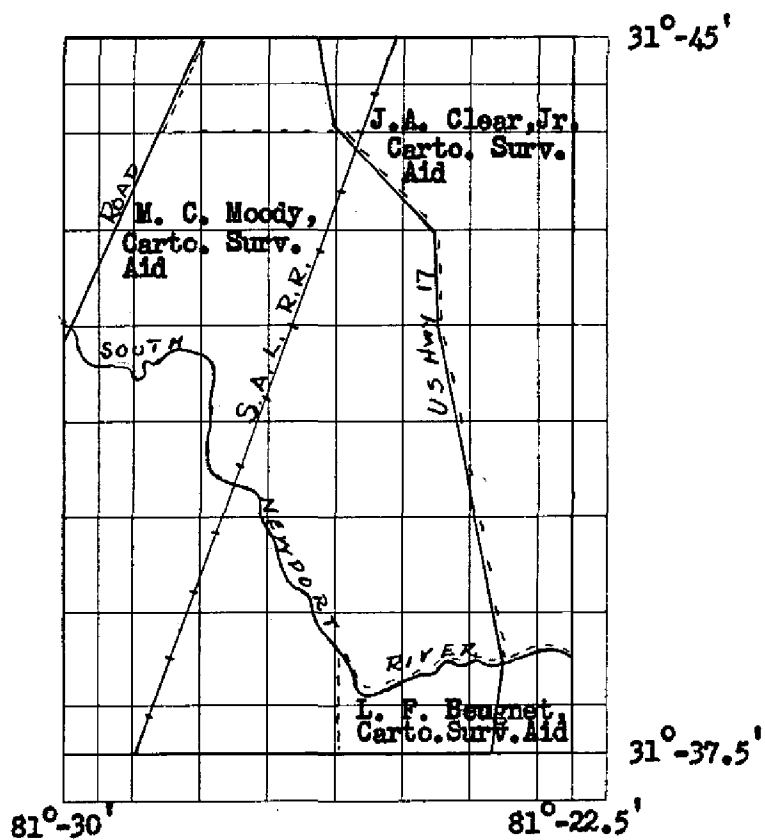
Zone:

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)

DATA RECORD

Field Inspection by (II): **Leo F. Beugnet, Carto. Surv. Aid** Date: - Mar., 1953
James A. Clear, Jr., Carto. Surv. Aid Feb.-Apr., 1953
Martin C. Moody, Carto. Surv. Aid Jan.-Mar., 1954

Planetable contouring by (II): **Leo F. Beugnet, Carto. Surv. Aid** Date: - Mar., 1953
James A. Clear, Jr., Carto. Surv. Aid Feb.-Apr., 1953
Martin C. Moody, Carto. Surv. Aid Jan.-Mar., 1954

Completion Surveys by (II): Date: 1955
Joseph K. Wilson

Mean High Water Location (III) (State date and method of location): 1951 - Date of Photographs

Projection and Grids ruled by (IV): S. Rose Date: 6/30/52

Projection and Grids checked by (IV): H. R. Cravat Date: 6/30/52

Control plotted by (III): J. B. Phillips Date: 10/14/52

Control checked by (III): R. Hartley Date: 10/16/52

Radial Plot on ~~Stereoscopic~~ Date: 11/18/52
~~Control extension by (III):~~

R. Hartley

Planimetry Date:

Stereoscopic Instrument compilation (III):
 Contours Date:

Manuscript delineated by (III): R. Tibbetts Date: 8/6/54
 J. J. Schleupner
 J. Honick

Photogrammetric Office Review by (III): R. Glaser Date: 9/9/54

Elevations on Manuscript Date: 9/9/54
 checked by (II) (III): R. Glaser

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

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

U.S.G.S. 6" focal length camera.

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
51-0-4262 to 4265	4/11/51	0917	1:10,000	4.0 above MLW
51-0-4266 to 4268	"	0918	"	3.4 " "
51-0-4295 to 4297	"	0948	"	4.1 " "
51-0-4660 to 4662	4/13/51	1454	"	All land area
GS-NU-1-12 to 1-15	3/23/51	0942	"	7.1 above MLW
GS-NU-5-05 to 5-08	3/31/51	1027	"	0.7 " "
34844 - 34845	2/11/52	1036	"	5.9 " "
34849 - 34850	"	1130	"	4.8 " "
35049 - 35050	2/18/52	1119	"	All land area

Tide (III)

(From predicted tide tables)

Reference Station: Savannah River Entrance, Ga.

Subordinate Station: North Newport River

Subordinate Station: Livingston Dock, S. Newport River

Ratio of Ranges	Mean Range	Spring Range
	6.9	8.1
1.1	7.6	8.9
1.0	7.2	8.5

Washington Office Review by (IV):

Date: 1955

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 63

Shoreline (More than 200 meters to opposite shore) (III): None

Shoreline (Less than 200 meters to opposite shore) (III): 17 mi.

Control Leveling - Miles (II): 26

Number of Triangulation Stations searched for (II): 14

Recovered: 12

Identified: 11

Number of BMs searched for (II): 22

Recovered: 11

Identified: 11

Number of Recoverable Photo Stations established (III): 3

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

Bench Marks Est. (11): 4

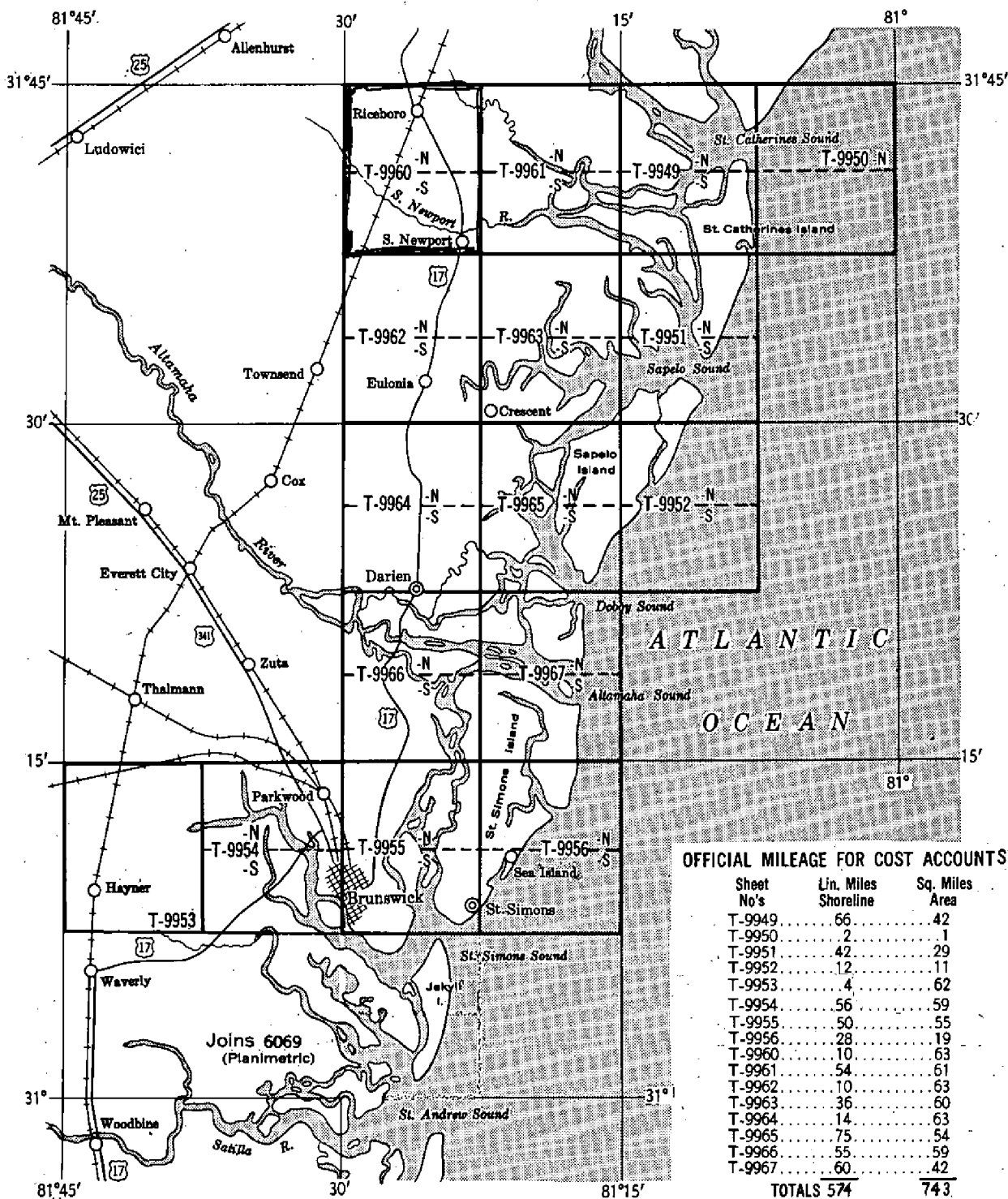
Identified: 4

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

FIELD INSPECTION REPORT

Project Ph-83

Quadrangle T-9960

2. AREAL FIELD INSPECTION

This quadrangle is very sparsely inhabited, Riceboro being the only village in the area. Little farming is attempted except for pine trees which are planted and considered a ten year crop for the manufacture of paper products. The greater portion of the area is thickly wooded with heavy underbrush among the deciduous trees; therefore the principal industry is logging for lumber and pulpwood.

The entire area is well served by a pattern of public and private secondary roads. Many dead end roads have been constructed by private companies for transporting logs.

Three sets of photographs were necessary for coverage: U.S.C. & G.S. single and nine lens, and U.S.G.S. single lens.

The field inspection is believed to be complete; however the field editor should be alert for new roads being constructed.

3. HORIZONTAL CONTROL

A third order traverse, originating at triangulation station NEW 1934 in Quadrangle T-9961 and terminating at triangulation station WAR 1932 in Quadrangle T-9962, was run through the southern part of this quadrangle. Two monumented stations were established in this quadrangle. They are HARRY 1952 and HOOPER 1952. A report of this traverse is a part of the Descriptive Report for Quadrangle T-9962.

** Also Dusty 1952 and Pecan 1952. ENK*

Two traverse stations TTAF1 and TTAF3, established by Ryall Engineering Co. for the Army Map Service were identified for use of the photogrammetric plot. The order of accuracy of these stations is unknown.

All known control was searched for except one station. The exception is triangulation station RICEBORO, 1918. The reference measurements indicate that this station has been covered by the asphalt ramp at the railroad station. Triangulation station RICEBORO ECC 1932 which is located approximately 100 feet distant was identified.

4. VERTICAL CONTROL

All known bench marks were searched for. Those recovered and used are:

H 189 first order	U 189 first order
J 189 " "	U 34 " "
L 189 " "	V 34 " "
M 189 " "	Y 34 " "
R 189 " "	T 197 " "
S 189 " "	

Three bench marks, K 189, N 189 and P 189 were found practically upended by the construction of a roadside ditch. The disks were removed and new third order bench marks were established between S 189 and U 34. They are: U 198, V 198, W 198 and HARRY 1952.

Supplemental control for plane table contouring was established by running twenty six (26) miles of differential levels along which forty one (41) designated level points were established. They are numbered 6001 to 6041, inclusive.

These lines originated and terminated at bench marks or at checked elevations previously established between bench marks. The largest error of closure was 0.11 foot and no adjustments were made.

5. CONTOURS AND DRAINAGE

The contouring was accomplished by standard plane table methods on 1:10,000 scale single lens and nine lens photographs at intervals of five (5) feet.

The terrain is very flat with large swamps, irregular in outline. The highest elevation in the quadrangle is located in the west central part and is thirty three (33) feet above mean-sea-level.

The stereoscope was used extensively along with the field work to outline ridges, locate drainage and shape the contours.

Drainage in the area consists of Payne Creek and North Newport River in the north and South Newport River in the south.

The headwaters of these are large flat swamps with no definite drainage.

Drainage was checked during the field work and revised where necessary.

6. WOODLAND COVER

Woodland cover has been classified in accordance with instructions. Numerous small areas that appear open or cleared on the photographs are actually covered by young pine trees that have of course grown considerably since photography. These areas have been classified. It is believed that sufficient swamp areas have been classified and outlined by a dashed red line to enable the compiler to adequately compile these.

7. SHORELINE AND ALONGSHORE FEATURES

The upper reaches of North Newport River and South Newport River are within the quadrangle. Actually they are no more than tidewater creeks through the marsh, with an apparent high water line except one small area noted on Photograph 51-0-4267.

8. OFFSHORE FEATURES

None.

9. LANDMARKS AND AIDS

None.

10. BOUNDARIES, MONUMENTS AND LINES

This is the subject of a special report submitted by Mr. Richard L. McGlinchey, Cartographic Survey Aid, dated 26 November 1952.

11. OTHER CONTROL

RICE AZ. MK., 1932, RICEBORO ECC. AZ. MK., 1932, and TBM 3 S.A.L. R.R. North Newport River were located during field work and reported on Form 524.

12. OTHER INTERIOR FEATURES

All roads and buildings were classified in accordance with the Topographic Manual, Part II.

Several roads which have been constructed since photography were located and classified on the photographs.

All bridges and trestles are fixed with clearances suitable for skiffs only.

At Riceboro the highway bridge overpasses the railroad tracks.

13. GEOGRAPHIC NAMES

This is the subject of a special report submitted by Mr. Richard L. McGlinchey, Cartographic Survey Aid, dated 5 October 1952.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

	<u>Submitted to:</u>	<u>Date</u>
Horizontal Control Data	Washington, D. C.	16 September 1952
Geographic Names Data	" "	5 November 1952
Horizontal Control Data (Traverse)	Baltimore, Md.	18 November 1952
Boundary Data	Washington, D. C.	2 February 1953
Vertical Control Data	" "	16 April 1953

16 April 1954

Submitted by:

George E. Varnadoe
George E. Varnadoe
Photogrammetric Engineer
Chief Civilian Assistant

16 April 1954

Approved and Forwarded by:

J. E. Waugh

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

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY
DESCRIPTIVE REPORT
CONTROL RECORD

MAP T. 9960

PROJECT NO. Ph-83

SCALE OF MAP 1:10,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR μ -COORDINATE LONGITUDE OR x -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	
			ϕ	λ	FORWARD	(BACK)		FORWARD	(BACK)	FORWARD	(BACK)
PONSELL, 1918	Georgia P. 299	N.A. 1927	31	39 48.610				1497.1	(350.8)		
			81	27 59.908				1578.2	(2.4)		
NEWPORT, 1934	G.2288 P. 163	"	31	38 53.864				1659.0	(189.0)		
			81	22 56.840				1497.7	(83.3)		
Sub. Pt. NEWPORT, 1934		"	31	38				1609.9	(238.1)		
			81	22				1427.9	(153.1)		
Sub. Pt. PONSELL		"	606,129.8		1129.8	(3870.2)		344.4	(1179.6)		
			717,977.7		2977.7	(2022.3)		907.6	(616.4)		
HARRY, 1952	Traverse Comp. (field)	"	596,282.50		1282.50	(3717.50)		390.9	(1133.1)		
			739,940.98		4940.98	(59.02)		1506.0	(18.0)		
HOOPER, 1952	"	"	594,989.33		4989.33	(10.67)		1520.7	(3.3)		
			739,680.22		4680.22	(319.78)		1426.5	(97.5)		
PECAN, 1952	"	"	592,544.20		2544.20	(2455.80)		775.5	(748.5)		
			723,260.51		3260.51	(1739.49)		993.8	(530.2)		
DUSTY, 1952	"	"	592,184.99		2184.99	(2815.01)		666.0	(858.0)		
			721,366.59		1366.59	(3633.41)		446.5	(1107.5)		
CONTROL PT. 1	"	"	595,721.20		721.20	(4278.80)		219.8	(1304.2)		
			739,796.93		4796.93	(203.07)		1462.1	(61.9)		
CONTROL PT. 2	"	"	593,373.12		3373.12	(1626.88)		1028.1	(495.9)		
			733,692.39		3692.39	(1307.61)		1125.4	(398.6)		
CONTROL PT. 3	"	"	593,880.14		3880.14	(1119.86)		1182.7	(341.3)		
			729,320.03		4320.03	(679.97)		1316.7	(207.3)		
CONTROL PT. 4	"	"	592,433.24		2433.24	(2566.76)		741.7	(1782.3)		
			723,273.37		3273.37	(1726.63)		997.7	(526.3)		

1 FT. = 3048006 METER

COMM-DC-57843

COMPUTED BY: H. R. Rudolph

DATE 25 Sept. 1952

CHECKED BY: G. B. Torbert

DATE 30 Sept. 1952

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY
DESCRIPTIVE REPORT
CONTROL RECORD

MAP T. 9960 PROJECT NO. Ph-83 SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ψ -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	
			°	'			FORWARD	(BACK)	FORWARD	(BACK)
TT-AF-3 AMS, 1947	AMS 008-683	N.A. 1927	31	45	19.909		613.2	(1234.8)		
			81	25	49.885		1312.9	(266.2)		
TT-AF-2 AMS, 1947	AMS 008-654	"	31	44	55.401		1706.4	(141.6)		
			81	28	04.887		128.6	(1450.6)		
TT-AF-4 AMS, 1947	AMS 008-682	"	31	45	20.368		627.3	(1220.7)		
			81	25	35.136		924.7	(654.4)		
RICEBORO, 1918	G-1892 p. 37	"	31	43	56.439		1738.3	(109.7)		
			81	26	04.712		124.0	(1455.4)		
RICEBORO ECC., 1932	"	"	31	43	56.416		1737.6	(110.4)		
			81	26	05.463		143.8	(1435.6)		
LESTER, 1918	Georgia p. 299	"	31	42	20.427		629.1	(1218.9)		
			81	26	49.068		1292.1	(287.9)		
RICE, 1932	G-1892 p. 24	"	31	42	04.821		148.5	(1699.5)		
			81	24	36.712		966.8	(613.2)		
TT-AF-1 AMS, 1947	AMS 008-655	"	31	44	53.755		1655.7	(192.3)		
			81	28	21.071		554.6	(1024.6)		
GIBSON, 1918	Georgia p. 298	"	31	45	53.661		1652.8	(195.2)		
			81	25	09.929		261.3	(1317.6)		
FLOWING, 1935	G-3370 p. 198	"	31	45	09.383		289.0	(1559.0)		
			81	31	36.243		953.9	(625.2)		
CHESTER, 1932	G-1892 p. 23	"	31	46	39.980		1231.4	(616.6)		
			81	22	46.431		1221.7	(357.0)		
Sub. Pt. LESTER, 1918			621,131.63		1131.6		344.9	(1179.1)		
			723,822.96		3823.0		1165.3	(358.7)		

1 FT. = 3048006 METER

COMPUTED BY: H. R. Rudolph

DATE 25 Sept. 1952

CHECKED BY: G. B. Torbert

DATE 30 Sept. 1952

COMM-DC-57843

SCALE FACTOR

[illegible]

COMPILATION REPORT
Project Ph-83
T-9960

The Photogrammetric Plot Report is part of the Descriptive Report of Survey T-9961.

31. DELINEATION

Graphic methods were used to delineate this manuscript.

This manuscript is the first to be completed by the "scribing" method in the Baltimore Photogrammetric office. The compilation was first completely delineated on the regular vinylite sheets using only colored pencils. All delineation was then traced by "scribing" onto blank white-coated Mylar sheets using a light table. Projections and grids were also transferred by the same process.

An examination of the field inspection work in this survey has been made by the Washington office prior to compilation and a report on omissions and inadequacies has been made to the Chief of the Division. These omissions and inadequacies, mostly of a minor nature, have either been resolved during the compilation process or have been referred to field edit for completion.

In addition to the inadequacies already reported, the field inspection of swamp and marsh involving abandoned rice fields was not consistent. Some sections of these abandoned rice fields were partially grown over but still appeared well defined on the photographs and could be considered landmark features in this uncongested area. No field notes were made to indicate that the inconsistencies were recognized and that the classifications were the result of actual changes since photography. Lacking conclusive information, the field inspection was followed and the apparent inconsistencies are reflected on the scribed advance manuscript.

32. CONTROL.

The identification, density and placement of horizontal control was adequate. Refer to Photogrammetric Plot Report, Item 23.

33. SUPPLEMENTAL DATA

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

Special Report on Boundaries, Georgia-Florida, dated Aug.-Nov. 1952.

Map of Liberty County - Map G.

Map of McIntosh County - Map I.

34. CONTOURS AND DRAINAGE

No comment.

35. SHORELINE AND ALONGSHORE DETAILS

No comment.

36. OFFSHORE DETAILS

No comment.

37. LANDMARKS AND AIDS

There are no landmarks or aids in the area of this manuscript.

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 east, and T-9962 to the south.

There are no contemporary surveys to the north and west.

40. HORIZONTAL AND VERTICAL ACCURACY

Refer to the Radial Plot Report.

See § 53

41 - 45. Inapplicable.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with Surveys T-5118 (1933) and T-5119 (1933), scale 1:20,000 and A.M.S. quadrangle, Sapelo River, Ga., scale 1:50,000 dated 1948.

See § 62
+ § 63

47. COMPARISON WITH NAUTICAL CHARTS

No existing large scale chart of this area.

Items to be applied to charts immediately:
None.

Items to be carried forward:
None.

Approved and Forwarded

Respectfully submitted
6 August 1954

E. H. Kirsch
E. H. Kirsch
Comdr. USC&GS
Officer in Charge
Baltimore Photo. Office

Jack Honick
Jack Honick
Carto. Photo. Aid

48. GEOGRAPHIC NAME LIST

✓ Big Mortar Swamp
 ✓ Black Island
 ✓ Brewsters Siding
 ✓ Bull Town Swamp

✓ Crossroads

Fort Point

GA 131

Harris Neck Road
Horse Pen Island

Jones

Lecount

✓ Liberty County

✓ Long County

✓ McIntosh County

✓ North Newport River

✓ Peacock Creek

✓ Retreat

✓ Riceboro

✓ Riceboro and Barrington Ferry Road

✓ Riceboro Creek

✓ Salters Creek

✓ Sandy Run Road

✓ Seaboard Airline Railroad

✓ Southern Road

South Newport

South Newport River

✓ U. S. 17

✓ Walthourville Road

Added by Field Edit { Pando Cemetery
 First African Church

* Air line (this is official spelling in Railway Guide)

Names approved on basis of
 Project names report.

11-22-54

L. H. Tech

* Correctly shown
 on Manuscript

deleted by [signature]

The names of the three
 churches at Retreat were
 not listed in Project names
 report. L. H.

50-
PHOTOGRAMMETRIC OFFICE REVIEW

T. 9960

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

CONTROL STATIONS

5a. Classification label ☒

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. R. J. Blaser 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:

M-2623-12

FIELD EDIT REPORT
Project Ph-83
Quadrangle T-9960

The field edit of this quadrangle was accomplished during the months of December 1954 and January 1955.

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 colored inks used, is shown on the Southeast Quarter of the field edit sheets. Purple ink was used for additional information on the photographs.

The field edit sheet has been divided into four quarter sections, therefore, four 1:10,000 scale double-weight matte prints are submitted as field edit sheets. Thirteen photographs, on which field edit information has been shown, are listed as follows:

51-0-4264A	GS NU 5-05	GS NU 1-12	34845
51-0-4265	GS NU 5-06	GS NU 1-13	34849
51-0-4266	GS NU 5-07	GS NU 1-14	35050
		GS NU 1-15	

52. ADEQUACY OF COMPILATION

The map compilation was adequate with the exception of a few corrections and additions.

Considerable improvement was noted throughout this particular quadrangle in regard to woodland cover. There are,

however, a few changes which are called to the attention of the compiler. Numerous areas, which appear as open on the photographs, are covered with young pine that have grown since photography. Many small swamps were not shown on the manuscript. The majority have been classified by the field editor. All similar areas should be shown as swamp unless otherwise noted. Some are depicted by depression contours.

The line clearing, which appears on photographs in the extreme southeast portion of the quadrangle, is not recommended for delineation. This is a portion of an old telephone line, which was abandoned about fifteen years ago. It is now overgrown with brush and trees.

The compilation report discussed the inadequate classification of abandoned rice fields within the quadrangle. Some have been shown with the marsh symbol while others have been shown as intermittent ponds. Your attention is invited to two areas in the northwest quarter of the quadrangle; one near the intersection of the Walthourville Road and the Riceboro and Barrington Ferry Road, and the other near the Bull Town Swamp and the Riceboro and Barrington Ferry Road. These areas are similar. They are dry only during the extreme dry seasons. They have practically no vegetation. It is believed that the marsh symbol will better express these features.

The Brunswick Pulp and Paper Company is the owner of the majority of the woodland within the area. They are gradually establishing a system of secondary graded and drained roads through their property. The roads are considered private, but do not have locked gates forbidding public use.

53. MAP ACCURACY

The horizontal positions of the map detail appear to be good. No standard vertical accuracy test was requested and none was made.

See §66

The contours were visually checked and were found to adequately depict the terrain.

54. RECOMMENDATIONS

None.

55. EXAMINATION OF PROOF COPY

Mr. J. F. Geiger, storekeeper at Jones and a resident of the area for thirty years; has agreed to examine a proof copy of this quadrangle for possible errors. Mr. Geiger's address is: Route 1, Box 178, Riceboro, Georgia.

3 February 1955
Submitted by:

Joseph K. Wilson
Joseph K. Wilson
Cartographer

3 February 1955
Approved & Forwarded:

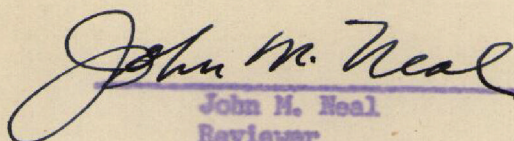
J. E. Waugh
J. E. Waugh
CDR, USC & GS
Chief of Party

Summary to Accompany Descriptive Report

T-9960

Topographic map T9960 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-9960 will include 2 one-half quadrangle cloth-mounted prints at scale 1:10,000 designated as T-9960 S and T-9960 N 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

Reviewer

December 1955

Review Report
T-9960
Topographic Map
October 1955

62. Comparison with Registered Topographic Surveys:

T-5118	1:20,000	1933
5119	"	"

Comparison with the above surveys indicates extensive natural and cultural changes. T-9960 supersedes both 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-9960 completely supersedes the NW/4 of the above map as a source of topographic information.

64. Comparison with Contemporary Hydrographic Surveys:

None.

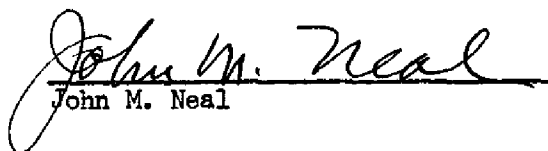
65. Comparison with Nautical Charts:

No published charts of this area.

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. Lande
Chief, Review Section
Photogrammetry Division

✓ Wallace A. Bruder
for Chief, Nautical Chart Branch
Charts Division

Art. Bull
Chief, Photogrammetry Division

W. D. Daniel
Chief, Coastal Surveys Division