

9953

Diag. Cht. No. 1242-2. Insert.

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Topographic

Field No. Ph-83 Office No. T-9953

LOCALITY

State Georgia

General locality St. Simons Sound

Locality Bladen

1951-56

CHIEF OF PARTY

J.E. Waugh, Chief of Field Party

E.H. Kirsch, Baltimore Photo. Office

LIBRARY & ARCHIVES

DATE July 2, 1959

8-1870-1 (1)

9953

DATA RECORD

T - 9953

Project No. (II):

~~Ph-89~~ ⁸³

Quadrangle Name (IV):

BLADEN

Field Office (II):

Photogrammetric Party No. 1

Chief of Party:

J. E. Waugh

Photogrammetric Office (III):

Baltimore, Md.

Officer-in-Charge:

E.H. Kirsch

Instructions dated (II) (III):

27 December 1951, Field

Copy filed in Division of
Photogrammetry (IV)

Sup. 1 "

12 March 1952 "

Sup. 5 "

16 October 1952 "

Sup. 6 "

2 April 1953 "

25 August 1952, Office

30 November 1955, "

Method of Compilation (III):

Graphic

Manuscript Scale (III): 1:20,000

Stereoscopic Plotting Instrument Scale (III):

Scale Factor (III): 1.000

Date received in Washington Office (IV): 4-27-56 Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV): 3/19/58

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): BROOKMAN, 1932

Lat.: 31° 10' 44.530" (1371.4m) Long.: 81° 37' 34.431" (911.7m)

Adjusted

~~1000m~~

Plane Coordinates (IV):

State: Georgia

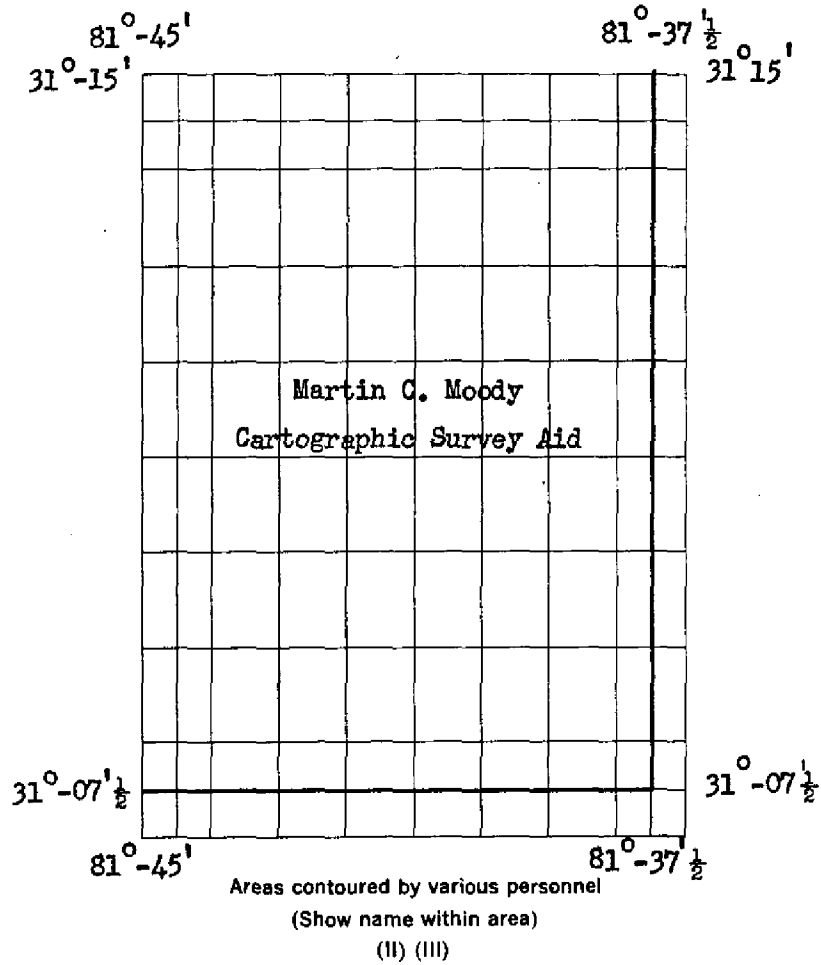
Zone: East

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.



DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): Martin C. Moody, Carto. Surv. Aid

Date: September 1954

Planetable contouring by (II): Martin C. Moody, Carto. Surv. Aid

Date: June-October 1954

Completion Surveys by (II):

JOSEPH K. WILSON
ISAIAH FITZGERALD

Date: 8 JUNE 1956

Mean High Water Location (III) (State date and method of location): April 1951 (date of photography)

Projection and Grids ruled by (IV): S. Rose

Date: 7-5-52

Projection and Grids checked by (IV): H.D. Wolfe

Date: 7-15-52

Control plotted by (III): D.W. Williams

Date: 8-16-55

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

Date: 1-4-56

Radial Plot ~~by (III): H.R. Rudolph~~

Date:

~~Contouring~~ by (III): H.R. Rudolph

1-25-56

Stereoscopic Instrument compilation (III):

Planimetry

Contours

} INAPPLICABLE

Date:

Date:

Manuscript delineated by (III): Ruth M. Whitson

Date: 4-9-56

Photogrammetric Office Review by (III): H.R. Rudolph

Date: 4-24-56

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

H.R. Rudolph

Date:

4-16-56

DESCRIPTIVE REPORT - DATA RECORD

Page 4-

Camera (kind or source) (III): U.S.C.&G.S. Nine-lens camera

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
33362	4-13-51	1156	1:20,000	3.9' above MLW
33363 & 33364	"	1157	"	5.0' " "
33371 & 33372	"	1222	"	None
33446 & 33347	"	1356	"	"

Tide (III)

From predicted tide tables

Reference Station: Savannah River Entrance, Ga.
Subordinate Station: Buffalo Creek Entr., Turtle River
Subordinate Station: Little Satilla River, below Spring Bluff

Ratio of Ranges	Mean Range	Spring Range
-	6.9	8.1
1.2	8.0	9.4
1.1	7.5	8.8

Washington Office Review by (IV):

A.K. Heywood

Date: MARCH, 1958

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 64 sq. miles

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

Shoreline (Less than 200 meters to opposite shore) (III): 9 miles

Control Leveling - Miles (II): 52.3

Number of Triangulation Stations searched for (II): 66*

Recovered: 34*

Identified: 13

Number of BMs searched for (II): 9

Recovered: 4

Identified: 27**

Number of Recoverable Photo Stations established (III):

Number of Temporary Photo Hydro Stations established (III):

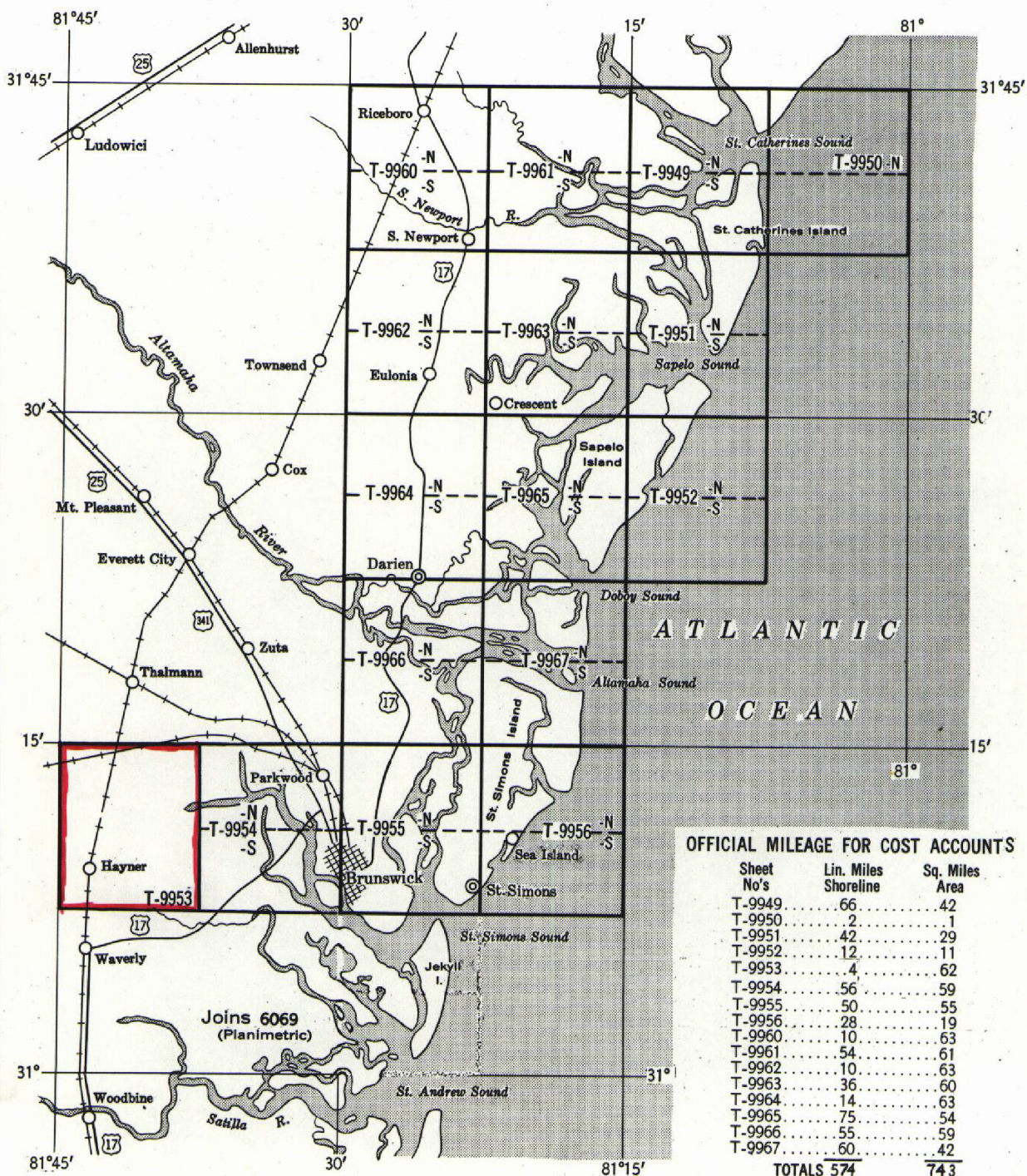
Remarks:

* Also Bench Marks, except for Stations NAT 1934 and BROOKMAN, 1932
** 26 of Bench Marks are also Traverse Stations (G.G.S.)

TOPOGRAPHIC MAPPING PROJECT 24180-83

GEORGIA, St. Catherines Sound to St. Simons Sound

(Refer to Air-Photo Index 127-C)



OFFICIAL MILEAGE FOR COST ACCOUNTS

Sheet No's	Lin. Miles Shoreline	Sq. Miles Area
T-9949	.66	.42
T-9950	.2	.1
T-9951	.42	.29
T-9952	.12	.11
T-9953	.4	.62
T-9954	.56	.59
T-9955	.50	.55
T-9956	.28	.19
T-9960	.10	.63
T-9961	.54	.61
T-9962	.10	.63
T-9963	.36	.60
T-9964	.14	.63
T-9965	.75	.54
T-9966	.55	.59
T-9967	.60	.42
TOTALS	574	743

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

DATE OF PHOTOGRAPHS:

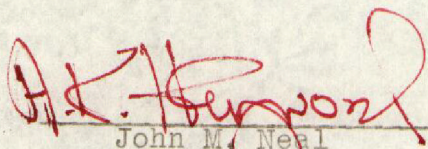
Nine-lens photographs, scale 1:10,000 taken February 1952
 Nine-lens photographs, scale 1:20,000 taken April 1951
 Single-lens photographs, scale 1:24,000 taken April 1951
 Single-lens photographs, scale 1:32,800 (U.S.G.S.) taken March 1951

Summary to Accompany Descriptive Report

T-9953

Topographic map T-9953 is one of ¹⁶~~14~~ similar maps in Project 83. 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 1:20,000. The manuscript is in 1 sheet, 7.5' 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 of 7.5' topographic quadrangle. The registered copies under T-9953 will include 1 Cronar film positive at scale 1:20,000 designated as T-9953 and a complete 7.5' quadrangle cloth-mounted print in color at scale 1:24,000.


John M. Neal
Reviewer
December 1955

FIELD INSPECTION REPORT
Project Ph-69
Quadrangle T-9953

2. AREAL FIELD INSPECTION

The area is principally in its natural state of woodland and swamp. It is adequately served by U. S. Highway 84 and numerous county and private roads. The principal industries are logging for pulpwood, and the extraction of pine rosin for turpentine. Cattle raising is undertaken in a limited extent. The Seaboard Air Line Railroad traverses the western portion of the quadrangle, and crosses the Atlantic Coast Line Railroad near the northern limits of the quadrangle. There are no corporate villages or towns.

The nine lens photographs used in contouring this area were found to be of poor scale. It was necessary to make numerous adjustments of the plane table traverses.

3. HORIZONTAL CONTROL

The report for horizontal control in Quadrangles T-9953, T-9954, T-9957 and T-9958 has been combined in accordance with Supplement 5 of the Project Instructions dated 16 October 1952.

All other Field Inspection Reports for the quadrangles involved will be referenced to this report.

U. S. Geological Survey Station BM 20, located at Waverly, in Quadrangle T-9957, was identified for radial plot control. No datum adjustment was made. The data for this station was submitted previously in conjunction with the Satilla River Shoreline Survey.

All traverse stations of the Georgia Geodetic Survey were searched for, and, where necessary, were identified for control. Form 526 is submitted for these stations.

It is to be noted that all Coast and Geodetic Survey stations were recovered in Quadrangles T-9953 and T-9957.

The following Coast and Geodetic Survey stations are reported as lost or destroyed on Form 526:

T-9954

BLY, 1899
BLYTHE ISLAND REAR RANGE LIGHT, 1933
BRUNSWICK, ATLANTIC REFINING CO. LONE BRICK STACK, 1932
BRUNSWICK, OLD BOILER, 1933
BYRD (USE), 1933
CHIM, 1918
CRISPEN (USE), 1933
DRUM (USE), 1933
FLAG, 1918
GAB, 1918
GIL, 1918
HENDRICKS SIGNAL, 1918
HERM, 1918
ISLE, 1918
MARSH, 1918
NEW (USE), 1933
NEW SIGNBOARD (USE), 1933
OAK, 1917
PICRIC, 1918
ROAD, 1918
ROWE, 1934
SOUTHERN DOCKS, ELEVATOR, 1918
SOUTHERN DOCKS, STACK, 1918
SOUTHERN DOCKS, WATER TANK, 1918
TURTLE RIVER UPPER FRONT RANGE LIGHT, 1933

T-9958

FANG, 1934
GARD, 1934
LAZARUS, 1934

The horizontal control data for all stations in T-9957 and T-9958-S, and numerous stations in T-9953, T-9954 and T-9958-N were submitted previously to the Baltimore Photogrammetric Office in conjunction with the Satilla River Shoreline Survey. A tabulation of these stations is listed.

The horizontal control data for the following stations has been submitted previously:

T-9953

Forms 526 (duplicate) and M-2226-12 were submitted to Baltimore in Package No. 54-18 on 8 June 1954 for these stations:

5G-9 (GGS)
5G-14 (GGS)
5G-16 (GGS)

T-9954

Forms 526 (duplicate) and M-2226-12 were submitted for 4G-30 (GGS) to Baltimore on 8 June 1954.

T-9958

Forms 526 (duplicate) and M-2226-12 were submitted for FOREST, 1933 to Baltimore on 8 June 1954.

Forms M-2226-12 were submitted to Baltimore in Package No. 54-24 on 25 June 1954 for the following stations:

BROCK, 1934	NELS, 1934
DART, 1934	SALE, 1934
DUCK (USE)	TILE, 1934
MART, 1934	UMBRELLA, 1933

4. VERTICAL CONTROL

All bench marks were searched for and reported on

Form 685a. The following is a list:

<u>Bench Mark</u>	<u>Established by:</u>	<u>Order</u>
L 35	USC & GS	First
N 35	"	"
NX 35	"	"
V 110	"	"
BM 17	U.S.G.S.	Third
BM 17	"	"
BM 12	"	"

In addition to the bench marks listed above as recovered, the Georgia Geodetic Survey traverse stations are third order bench marks. Those recovered within the quadrangle limits and not identified as horizontal control, have been identified on the photographs as such. They are listed below. No Form 685a's have been submitted:

T-9953

5G-5	6G-29	7G-10	16G-16B
-6	30	11	16C
-8	34	12	17A
9		14	17B
10		16	18
13			
14			
15			

52.3 Miles of fly levels were observed to establish supplemental elevations for plane table contouring. 68 Level points were established beginning at 53-01 and terminating at 53-68.

The largest error of closure was 0.49 foot. The line was adjusted by distributing the error of closure progressively through the level points.

5. CONTOURS AND DRAINAGE

The contouring was accomplished by standard plane table methods on 1:20,000 scale nine-lens photographs at an interval of five (5) feet.

The instructions contained in the last paragraph of a letter to CDR Hubert A. Paton, dated 5/20/52, 711-mkl, in reference to a separate set of photographs to be used for the identification of horizontal control has not been complied with. Recovery and identification was accomplished as a "fill in" while a large part of the personnel was on leave. It was not considered a serious deviation and for that reason they were not transferred to one set prior to submission.

The terrain in this quadrangle is flat and irregular due to the numerous swamps throughout the area and their irregular borders. The highest elevations are found in the northwest section of the sheet.

The natural drainage is by Little Satilla River in the south and Turtle River in the east. The large and numerous swamps, which are feeders for these rivers in the rainy season, have no definite drainage.

* The methods outlined for the completion of drainage and swamp limits in the Director's letter to LCDR Taylor, dated 8/11/52, ref. 711-aal, were followed.

* REFER TO COMPLETION REPORT
ADD

A vertical accuracy test was run on photograph No. 33371. It has been inked in purple ink. This test consisted of a plane table traverse of about 1-1/2 miles through a heavily wooded area. Twenty eight points were tested, all of which were found to be within the 1/2 contour interval of standard map accuracy, 14 per cent of these were 2 feet in error, 18 per cent were 1 foot in error, the remainder were found to be correct as shown.

6. WOODLAND COVER

The coverage was classified in accordance with current instructions. The several different tones have been labeled on the photographs. It is believed that the compiler should have no great difficulties. A majority of the swamp limits have been delineated by the field inspector in red ink. Most of the trees are pine. The fringe of trees along the border of the swamps is a mixture of pine, oak, gum and underbrush. The swamps, as a whole, contain black gum. Very little cypress was found.

7. SHORELINE AND ALONGSHORE FEATURES

The shoreline is for the most part apparent. It has been indicated in representative areas.

The foreshore is mostly mud.

All docks, wharves and piers have been indicated, and when in ruins are labeled as such.

8. OFFSHORE FEATURES

No offshore features were discernible at the time of field inspection.

9. LANDMARKS AND AIDS

One fire tower has been selected as an interior landmark. It has been identified on nine-lens photograph No. 33363. It is not recommended for either an aeronautical or nautical aid, and Form 567 is not submitted.

There are no aeronautical or nautical aids to navigation or landmarks for charts in this area.

10. BOUNDARIES, MONUMENTS AND LINES

This is the subject of a special report submitted by Mr. Richard L. McGlinchey, Cartographic Survey Aid, on 2 February 1953.

11. OTHER CONTROL

All control in this area has been discussed in previous paragraphs.

12. OTHER INTERIOR FEATURES

All buildings, roads, and other interior features have been classified in accordance with the Topographic Manual.

The roads in the areas owned by the various paper companies and maintained by them have been classified and labeled "private".

The small fixed bridges crossing the headwaters of Turtle River and Green Creek are skiff clearance only, and have been indicated as such on the photographs.

13. GEOGRAPHIC NAMES

This will be the subject of a special report to be submitted.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

<u>Description</u>	<u>Submitted to:</u>	<u>Date</u>
Boundary Report	Washington, D. C. in Pkg. No. 94	2 February 1953
Shoreline Survey for Project Ph-84 and Preliminary Report for Quad- rangles T-9957 and T-9793, Project Ph-69	Baltimore Office in Pkg. No. 54-14	5 May 1954
Additional Control Identification for Project Ph-84 and Quadrangles T-9953, T-9954, T-9958, and T-9968, Project Ph-69	Baltimore Office in Pkg. No. 54-18	8 June 1954

Preliminary Reports
Quadrangles T-9794-N,
T-9795-N, T-9958-S,
Project Fh-69, and
Quadrangle T-9959-S,
Project Fh-83

Baltimore Office 25 June 1954
in Pkg. Nos.
54-24 and 54-25

NOV 10 1954
Submitted by:

Martin C. Moody
Martin C. Moody
Carto. Surv. Aid

Approved & Forwarded: NOV 10 1954

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

PHOTOGRAMMETRIC PLOT REPORT
Project No. 6069
Surveys Nos. T-9953 & T-9957

21. AREA COVERED

This radial plot covers the areas of Topographic Survey No. T-9953 and Planimetric Survey No. T-9957. These surveys are located west of Brunswick Georgia. Survey No. T-9953 includes the area at the head of Turtle River and a part of Little Satilla River. Survey No. T-9957 includes the area at the head of White Oak Creek and also a part of Little Satilla River.

22. METHOD - RADIAL PLOT

Map Manuscripts:

Vinylite sheets with polyconic projections in black and Georgia State Grids in red, at a scale of 1:20,000 were furnished by the Washington Office. Base sheets were prepared in this office.

The positions of all horizontal control stations and substitute stations were plotted using the beam compass and meter bar.

In addition, several pass points that had been located by a previous plot on Surveys No. T-9954 and T-9958, scale 1:10,000 were transferred graphically to the eastern margin of Surveys No. T-9953 and T-9957.

A sketch, showing the layout of surveys in this plot and the distribution of control and photograph centers is attached to this report.

Seventeen (17) unmounted nine-lens photographs, scale 1:20,000 were used in this plot. They are numbered as follows:

33359 thru 33364
33371 and 33372
33374 thru 33377
33443 thru 33447

Photograph No. 33373 was also available, but was not used in the plot as the overlap in the line of flight between photographs No. 33372 and 33374 was the normal overlap for two adjacent photographs.

Templets:

Vinylite templets were made for all photographs. The master templet was used to correct for chamber displacement and paper and film distortion.

Closure and Adjustment of Control:

Vinylite base sheets were prepared in this office. All identified control was transferred to the base sheets by matching common grid lines.

22. METHOD - RADIAL PLOT (CONT'D)

Closure and Adjustment of Control: (cont'd)

All pass points which had been transferred to the margins of Surveys No. T-9953 and T-9957 were also transferred to the base sheets by matching common grid lines. The positions of several control stations, pass points and photograph centers located on Survey No. T-9793 to the south were also transferred to the base sheets by matching common grid lines.

The radial plot was then constructed on the base sheets.

The templates for photographs No. 33359 thru 33364 were laid first holding to control and pass points established by the previous plots. Then templates for 33377, 33376, 33443 and 33444 were laid holding previously established centers and control. Templates for photographs No. 33372, 33371, and 33447 were then laid as they contained sufficient control to be oriented individually. Then the rest of the templates were laid. Some minor adjustments were necessary to get good intersections on the west side of templates No. 33360 and 33361 with the result that a new position for the center of photograph No. 33360 was established and a satisfactory plot was constructed.

Transfer of Points:

The positions of all pass points and photograph centers were pricked directly on the map manuscripts by superimposing the map manuscripts on the radial plot and matching common grid lines.

23. ADEQUACY OF CONTROL

The control was adequate for a satisfactory radial plot.

All identified control was held in the radial plot.

24. SUPPLEMENTAL DATA

None used.

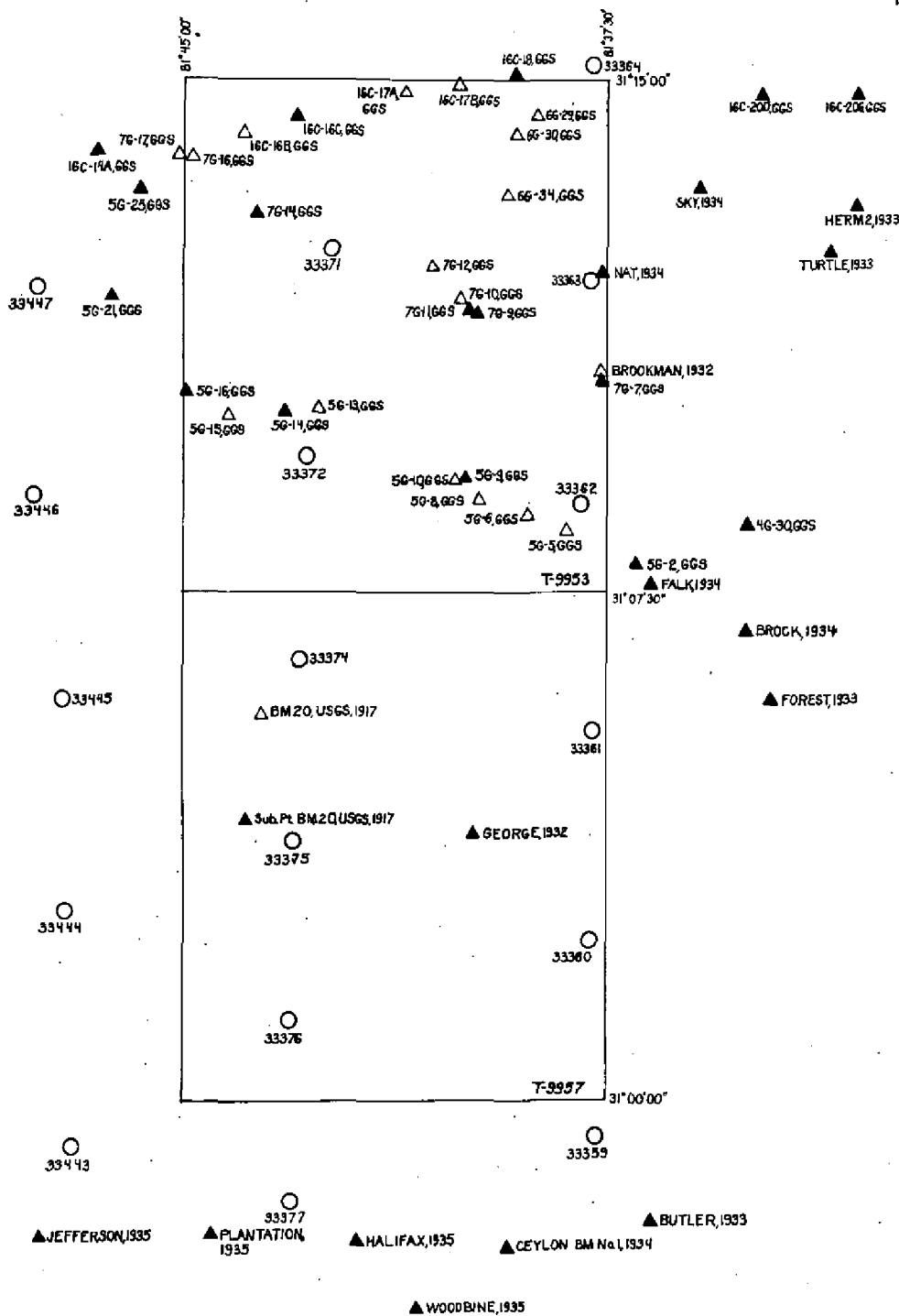
25. PHOTOGRAPHS

The overlap in line of flight and between flights was adequate. The photographic coverage was adequate for a radial plot.

No tilt determinations were made although there was evidence of some tilt in several photographs.

Respectfully submitted
25 January 1956

Harry R. Rudolph
Harry R. Rudolph
Carto. Photo. Aid



LAYOUT SKETCH

6069

SURVEYS NOS. T-9953 and T-9957

○ NINE LENS PHOTOGRAPHS

▲ CONTROL STATION (identified)

△ CONTROL STATION (Not identified)

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

MAP T. 9953 PROJECT NO. 6069 SCALE OF MAP 1:20,000 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)	
160-17A, GCS	GCS p 857	N.A. 1927	453,846.45 650,501.27	3,846.45 501.27	(6153.55) (9498.73)		1172.4 152.8	(1875.6) (2895.2)	
160-17B, GCS	"	"	454,649.31 655,282.63	4,649.31 5,282.63	(5350.69) (4717.37)		1417.1 1610.1	(1630.9) (1437.9)	
160-18, GCS	"	"	455,555.16 660,567.31	5,555.16 567.31	(4444.84) (9432.69)		1693.2 172.9	(1354.8) (2875.1)	
Sub Point 160-18, GCS		"	455,579.88 660,593.89	5,579.88 593.89	(4,420.12) (9406.11)		1700.7 181.0	(1347.3) (2867.0)	
160-14A, GCS	GCS pp 856-7	"	448,351.02 620,940.88	8,351.02 940.88	(1648.98) (9059.12)		2545.4 286.8	(502.6) (2761.2)	
Sub Point 160-14A, GCS		"	448,586.28 621,686.65	8,586.28 1,686.65	(1413.72) (8313.35)		2617.1 514.1	(430.9) (2533.9)	
160-16B, GCS	GCS p 857	"	451,360.83 636,029.33	1,360.83 6,029.33	(8639.17) (3970.67)		414.8 1837.7	(2633.2) (1210.3)	
160-16C, GCS	"	"	452,168.83 640,774.48	2,168.83 774.48	(7831.17) (9225.52)		661.1 236.1	(2386.9) (2811.9)	
6G-29, GCS Supp. p 200	GCS	"	451,946.52 662,328.78	1,946.52 2,328.78	(8053.48) (7671.22)		593.3 709.8	(2454.7) (2338.2)	
6G-30, GCS	"	"	450,631.45 660,812.38	631.45 812.38	(9368.55) (9187.62)		192.5 247.6	(2855.5) (2800.4)	
6G-34, GCS	"	"	445,696.81 660,087.58	5,696.81 87.58	(4303.19) (9912.42)		1736.4 26.7	(1311.6) (3021.3)	
NAT, 1934	G 2241 p 157	"	31 12 19.934 81 37 35.779				613.9 947.1	(1233.9) (641.2)	

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

MAP T. 9953 PROJECT NO. 6069 SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y -COORDINATE LONGITUDE OR x -COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
				FORWARD	(BACK)		FORWARD	(BACK)	
Sub Point NAT, 1934		N.A. 1927	31 12 81 37				555.5	(1292.3)	
							1019.4	(569.2)	
7G-17, GGS Supp. p 202	GGS	"	448,642.17 630,051.36	8,642.17	(1357.83)		2634.1	(413.9)	
				51.36	(9948.64)		15.7	(3032.3)	
7G-16, GGS	"	"	448,539.10 631,166.93	8,539.10	(1460.90)		2602.7	(445.3)	
				1,166.93	(8833.07)		355.7	(2692.3)	
7G-14, GGS Supp. p 201	GGS	"	443,938.11 637,538.34	3,938.11	(6061.89)		1200.3	(1847.7)	
				7,538.34	(2461.66)		2297.7	(750.3)	
Sub Pt. 7G-14, GGS		"	444,087.54 637,400.35	4,087.54	(5912.46)		1245.9	(1802.1)	
				7,400.35	(2599.65)		2255.6	(792.4)	
7G-12, GGS Supp. p 201	GGS	"	438,715.86 648,008.05	8,715.86	(1284.14)		2656.6	(391.4)	
				8,008.05	(1991.95)		2440.9	(607.1)	
7G-11, GGS	"	"	435,363.41 655,013.01	5,363.41	(4636.59)		1634.8	(1413.2)	
				5,013.01	(4986.99)		1528.0	(1520.0)	
7G-10, GGS	"	"	434,548.26 656,463.31	4,548.26	(5451.74)		1386.3	(1661.7)	
				6,463.31	(3536.69)		1970.0	(1078.0)	
Sub Pt. 7G-10, GGS		"	434,664.40 656,412.67	4,664.40	(5335.60)		1421.7	(1626.3)	
				6,412.67	(3587.33)		1954.6	(1093.4)	
Sub Pt. 7G-9, GGS		"	433,777.52 658,138.16	3,777.52	(6222.48)		1151.4	(1896.6)	
				8,138.16	(1861.84)		2480.5	(567.5)	
7G-7, GGS Supp. p 201	GGS	"	428,347.02 669,064.74	8,347.02	(1652.98)		2544.2	(503.8)	
				9,064.74	(935.26)		2762.9	(285.1)	
5G-25, GGS Supp. p 196	GGS	"	445,978.37 626,291.40	5,978.37	(4021.63)		1822.2	(1225.8)	
				6,291.40	(3708.60)		1917.6	(1130.4)	

1 FT. = 3048006 METER

COMPUTED BY D.W. Williams

DATE June 13, 1955

CHECKED BY H.R. Rudolph

DATE

29 July, 1955

COMM. DC-57043

MAP T. 9953

PROJECT NO. 6069

SCALE OF MAP 1:20,000

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 FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
				FORWARD	(BACK)		FORWARD	(BACK)	
Sub Pt. 5G-25, GGS		N.A. 1927	446,490.91 626,144.05	6,490.91 6,144.05	(3509.09) (3855.95)		1978.4 1872.7	(1069.6) (1175.3)	
5G-21, GGS	GGS Supp. p 196	"	434,904.09 624,229.52	4,904.09 4,229.52	(5095.91) (5,770.48)		1494.8 1289.2	(1553.2) (1758.8)	
Sub Pt. 5G-21, GGS		"	434,959.37 624,258.25	4,959.37 4,258.25	(5040.63) (5741.75)		1511.6 1297.9	(1536.4) (1750.1)	
5G-15, GGS	"	"	425,972.31 633,675.74	5,972.31 3,675.74	(4027.69) (6324.26)		1820.4 1120.4	(1227.6) (1927.6)	
5G-14, GGS	"	"	426,317.96 639,526.33	6,317.96 9,526.33	(3682.04) (473.67)		1925.7 2903.6	(1122.3) (144.4)	
5G-13, GGS	"	"	426,494.76 642,659.25	6,494.76 2,659.25	(3505.24) (7340.75)		1979.6 810.5	(1068.4) (2237.5)	
5G-10, GGS	GGS Supp. p 195	"	420,043.02 654,939.65	43.02 4,939.65	(9956.98) (5060.35)		13.1 1505.6	(3034.9) (1542.4)	
5G-9, GGS	"	"	420,182.78 656,173.65	182.78 6,173.65	(9817.22) (3826.35)		55.7 1881.7	(2992.3) (1166.3)	
5G-8, GGS	"	"	417,800.92 658,345.25	7,800.92 8,345.25	(2199.08) (1654.75)		2377.7 2543.6	(670.3) (504.4)	
5G-6, GGS	"	"	416,261.06 661,860.28	6,261.06 1,860.28	(3738.94) (8139.72)		1908.4 567.0	(1139.6) (2481.0)	
5G-5, GGS	"	"	415,135.06 664,658.30	5,135.06 4,658.30	(4864.94) (5,341.70)		1565.2 1419.8	(1482.8) (1628.2)	Page
Sub Pt. 16C-16C, GGS		"	452,213.01 640,660.98	2,213.01 660.98	(7786.99) (9339.02)		674.5 201.5	(2373.5) (2846.5)	20

1 FT. = 3048006 METER

COMPUTED BY:

D. W. Williams

DATE

June 13, 1953

CHECKED BY:

H. R. Rudolph

DATE

7-28-55

COM-DC-57843

MAP T. 9953

PROJECT NO.:

6909

SCALE OF MAP.

1:20,000.....

SCALE FACTOR:

[illegible]

Page 21-

COMPILATION REPORT
T-9953

31. DELINEATION

Graphic methods were used to delineate this manuscript.

32. CONTROL

Refer to Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

Map of Glynn County, Georgia prepared by the State Highway Board of Georgia in 1938, was used to supplement the Geographic Name List.

Geographic names were taken from the Corps of Engineers, Bladen, Georgia, Quadrangle.

U.S.C. & G.S. T-5126 - 1:20,000.

34. CONTOURS AND DRAINAGE

No comment.

35. SHORELINE AND ALONGSHORE DETAILS

No comment.

36. OFFSHORE DETAILS

No comment.

37. LANDMARKS AND AIDS

None

38. CONTROL FOR FUTURE SURVEYS

None

39. JUNCTIONS

Junctions have been made and are in agreement with T-9954N and T-9954S (scale 1:10,000) to the east.

Compilation of *Survey T-9957 to the south has not been completed. Junction will be made at a later date. *PH 69 KANIMZORIC

There are no contemporary surveys to the north and to the west.

40. HORIZONTAL AND VERTICAL ACCURACY

Refer to Radial Plot Report.

41.-45. Inapplicable

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with Survey T-5126, scale 1:20,000 (1933) and Corps of Engineers, Bladen, Georgia Quadrangle, scale 1:62,500 edition of 1939.

47. COMPARISON WITH NAUTICAL CHARTS

None.

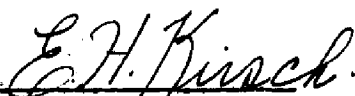
Items to be applied to Nautical Charts immediately: None

Items to be carried forward: None

Respectfully submitted
10 April 1956


Ruth M. Whitson
Carto. Photo. Aid

Approved and forwarded


E.H. Kirsch
Captain, USC&GS
Officer in Charge
Baltimore District Office

PHOTOGRAMMETRIC OFFICE REVIEW

T. 9953

1. Projection and grids H.R.R. 2. Title H.R.R. 3. Manuscript numbers H.R.R. 4. Manuscript size H.R.R.4a. Classification label H.R.R.

CONTROL STATIONS

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

ALONGSHORE AREAS

(Nautical Chart Data)

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

PHYSICAL FEATURES

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

CULTURAL FEATURES

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

BOUNDARIES

31. Boundary lines H.R.R. 32. ~~Public land lines~~

MISCELLANEOUS

33. Geographic names H.R.R. 34. Junctions H.R.R. 35. Legibility of the manuscript H.R.R. 36. Discrepancy overlay H.R.R. 37. Descriptive Report H.R.R. 38. Field inspection photographs H.R.R. 39. Forms H.R.R.40. Harry R. Rudolph
ReviewerJoseph Steinberg
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:

48. GEOGRAPHIC NAMES LISTAtlantic Coast Line (RR)BladenBrailey Swamp (not known locally)BrookmanBrunswick and Waycross Road (obsolete) according to F. Edit Report
see Bladen Road)Buck SwampCamden CountyCollege CreekGA 99GeorgetownGlencoeGlynn CountyGowrie IslandGowrie Swamp (not known locally)Green CreekHaynerHopewell CreekJamaicaKnights SwampLittle Satilla RiverNew Hope ChurchNew Zion ChurchNorth Prong College CreekPyles SwampRedcap Swamp (see Glencoe Swamp)Sandhill Road (only west of railway)Seaboard Air Line (RR)South Prong College CreekTurkey SwampTurtle RiverTurtle River SwampU.S. Highway 84 state 50Waynesville Road (no longer used = U.S. 84)White Oak Swamp (2 words)White Oak CreekYankee Landing

Names appearing on the quadrangle - not on the manuscript

Buck Swamp School } both are obsolete
Magnolia School }Names approved 3-21-58 (see also
supplemental list)

L. Heck

T-9953

Additional names, based on Field Edit Report:

Big Branch
Bladen Road
Buck Swamp Road (east of railway)

Glencoe Swamp

Laurel Grove Creek
Little Satilla River Swamp

Magnolia Church
Massie Causeway

Sandhill Road (west of railway)

Names approved 3-21-58

L. Heck

FIELD EDIT REPORT

Project 6069 ~~24480~~

PH83

Quadrangle T-9953

The field edit of this quadrangle was accomplished during the month of May 1956.

51. METHODS

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

All additions, corrections and deletions have been indicated on either the field edit sheet, referenced to the field photographs, or answered directly on the discrepancy print in purple ink. A legend of the symbols and inks used is shown on the field edit sheet.

One 1:20,000 scale medium-weight print is submitted as a field edit sheet.

Five nine-lens photographs, on which field edit information has been shown, are listed as follows:

33362, 33363, 33371, 33372 and 33373

52. ADEQUACY OF COMPILATION

The map compilation was adequate with the exception of a few corrections and additions. There has been little change in the area since the original field inspection.

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

The discrepancy print questioned the number of tracks, spurs and passing tracks along both the Seaboard Air Line and Atlantic Coast Line railroads. Both railroads have one track, except at Bladen and Hayner. The track data at Hayner for spur and siding is correctly shown on photograph No. 33372. At Bladen, there has been a change since the original field inspection. A track connecting the two railroads has recently been laid. (See photograph No. 33371.)

The position of the county line, separating Glynn and Camden counties, was questioned near the upper end of the Little Satilla River. The line, as delineated by the 1952 investigation, follows approximately the same position as shown on other previous maps and not as stated on the discrepancy print. Several local authorities of Glynn and Camden counties were consulted and the position has been changed slightly during the field edit.

53. MAP ACCURACY

The horizontal position of the map detail appears to be good.

The contours were visually checked and were found to adequately depict the terrain. No vertical accuracy tests were run.

54. RECOMMENDATIONS

None.

55. EXAMINATION OF PROOF COPY

Mr. J. H. Blackerby, Superintendent of Union Bag and Paper Company, has agreed to examine a proof copy of this quadrangle. His address is: 2040 Atkinson Street, Brunswick, Georgia.

There has been no Geographic Names Report submitted for this project. The field editor has investigated all geographic names within the limits of this map and has given special attention to the name conflicts requested by Mr. L. Heck on the discrepancy print. Only those names which have been found to be in dispute in local usage, and undisputed new names, are discussed in this report. Other names, which are well established in local usage or which have been settled by previous decisions of the Board of Geographic Names, are not discussed. The correct location of the new names are shown on the field edit sheet.

BUCK SWAMP
BUCK GROVE
✓ LAUREL GROVE CREEK

*This information recorded in
Geographic Names Section
3-21-58. L.H.*

The name BUCK SWAMP is well known and is recommended. LAUREL GROVE CREEK is a name well known for a small creek located near BUCK SWAMP. It is shown in its correct location on the field edit sheet and is recommended. The name BUCK GROVE was not known by local inhabitants.

BUCK SWAMP ROAD
SANDHILL ROAD

✓ The name BUCK SWAMP ROAD applies to that portion of the road from U. S. Highway 17 to the Seaboard Air Line Railroad. The name SANDHILL ROAD applies to the portion from the railroad west to the Old Post Road. Both names are well known and are recommended.

✓ BRAILEY SWAMP

No verification of this name could be obtained. Local people refer to this swamp as a fork of the Little Satilla River Swamp. No name is recommended.

GEORGETOWN

✓ The name GEORGETOWN is well known by the local inhabitants and is recommended. It was formerly the site of a plantation. Only a few people live in the vicinity today, but the name has been retained.

✓ GLENCOE SWAMP
REDCAP SWAMP

The name GLENCOE SWAMP is known in a narrow sense by the local people and is recommended. The name REDCAP SWAMP was not known by anyone contacted.

✓ GOWRIE SWAMP
JOHN PILES SWAMP

Neither of these names are recommended. The name of the feature was not known by any of the local inhabitants. The name GOWRIE SWAMP has been shown on other maps for many years, but no verification could be obtained. This included people who had worked and hunted the area all of their lives.

✓ LITTLE SATILLA RIVER SWAMP
LITTLE SATILLA RIVER

The area from Yankee Landing west is known by local people as LITTLE SATILLA RIVER SWAMP. It is not navigable.

NEW HOPE

✓ A note on the field photograph has shown this area as NEW HOPE. According to all persons contacted, this area is known as a part of BROOKMAN. There is, however, a NEW HOPE CHURCH in the area. The name NEW HOPE for the settlement is not recommended.

PYLES SWAMP GLYNCO SWAMP

✓ The name PYLES SWAMP is known in a narrow sense by the local people and is recommended. The name GLYNCO SWAMP (spelled GLENCOE) applies to a swamp to the south, which is discussed in this report.

WAYNESVILLE ROAD

✓ The name is not recommended. The road has been changed in recent years and people refer to it as U. S. Highway 84.

The following names are well known locally and are recommended:

✓BIG BRANCH
✓BLADEN ROAD
✓MASSIE CAUSEWAY

The following names, which have been shown on previous maps, are not recommended. They have become obsolete for various reasons:

✓BETHEL
✓BRUNSWICK AND WAYCROSS ROAD
✓BUCK SWAMP SCHOOL
✓MAGNOLIA SCHOOL
✓UNION

The following list of local residents assisting in this investigation by no means reflects its entire scope nor all of the people contacted:

Authorities:

Mr. J. H. Blackerby
2040 Atkinson Street
Brunswick, Georgia

Superintendent of
Union Bag & Paper Co.;
local resident for
10 years

Mr. Henry Berry
Waverly, Georgia

Deputy Sheriff of
Camden County;
local resident for
40 years

Mr. H. K. Drew, Jr.
Glynn County Planning Board
Courthouse Building
Brunswick, Georgia

Assistant County
Engineer;
local resident for
30 years

Mr. Earle T. Davis
Glynn County Highway Department
Brunswick, Georgia

Superintendent of
Public Works;
local resident for
45 years

Mr. Arthur L. Arnett
Green Creek
Brunswick, Georgia

Hunter and fisherman;
local resident for
70 years

Mr. Dewitt King
Waynesville, Georgia

Hunter and rancher;
local resident for
50 years

Mr. W. E. Dent
Brockman Fire Tower
Brunswick, Georgia

Fire tower attendant;
local resident for
40 years

Mr. Alec A. Johnson
Buck Swamp Road
Brunswick, Georgia

Farmer; local
resident for
60 years

8 JUN 1956

Submitted by:

Joseph K. Wilson
Joseph K. Wilson
Cartographer

8 JUN 1956

Approved and Forwarded:

Ira R. Rubottom

Ira R. Rubottom
Comdr., C & GS
Chief of Party

Review Report T-9953
Topographic
22 March 1958

61. Summary

Refer to comment under this item in review report T-9954.

62. Comparison With Registered Topographic Maps

6162b	1:10,000	1934
5125	1:20,000	1933

This manuscript supercedes the above surveys

63. Comparison With Maps of Other Agencies

USGS Bladen quadrangle, scale 1:62,500 edition of 1918.

64. Comparison With Contemporary Hydrographic Surveys

None

65. Comparison With Nautical Charts

There is no chart covering this area. A very small portion of the headwaters of the Turtle and Little Satilla Rivers fall within this quadrangle.

66. Adequacy of Results and Future Surveys

Accuracy test of the contours was run over one photograph.

This manuscript complies with all instructions and meets the National Standards of Map Accuracy.

NAUTICAL CHARTS BRANCH

SURVEY NO. T-9953

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.