

# 8232

Diag'd. on Diag. Ch. No. 1238-2

Form 504

## U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

### DESCRIPTIVE REPORT

Type of Survey Air Photo. Compilation

Field No. \_\_\_\_\_ Office No. T-8232

#### LOCALITY

State South Carolina

General locality Georgetown-Charleston  
Counties

Locality Santee Quadrangle

1943

#### CHIEF OF PARTY

Lieut. Comdr. W.D. Patterson

Lieut. Comdr. K.G. Crosby

#### LIBRARY & ARCHIVES

DATE March 14, 1946

B-1870-1 (1)

8232

## DATA RECORD

T- 8232

Quadrangle (II): SANTEE

Project No. (II): 285

Field Office: Georgetown, S. C. Chief of Party: F. L. Gallen

Compilation Office: Tampa, Fla. Chief of Party: K. G. Crosby

Instructions dated (II III): 1/23/42 Copy filed in Descriptive  
7/15/42, 10/19/42, 10/23/42, 10/27/42. Report No. T- (VI)

Completed survey received in office: 6/1/42

Reported to Nautical Chart Section: 6/2/42

Reviewed: 8/17/43 Applied to chart No. Date:

Redrafting Completed: 12/8/43

Registered: 2/46 Published: 1944

Compilation Scale: 1:20,000 Published Scale: 1:31,680

Scale Factor (III): 1.00

Geographic Datum (III): N.A. 1927 Datum Plane (III): M.S.L.

Reference Station (III): WATERHORN, 1932

Lat.: 33° 12' 52" 093 (1604.8 m.) Long.: 79° 28' 21" 388 (553.9 m.) Adjusted  
~~Unadjusted~~

State Plane Coordinates (VI): *South Carolina*  
*No. Zone*

X = 2,467,134.56 ft.

Y = 505,871.91 ft.

Military Grid Zone (VI)

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
8253	April 2, 1942	1336	1:20,000	Inland sheet
8254	"	1338	"	

Tide from (III): -

Mean Range: -

Spring Range: -

Camera: (Kind or source) USC&GS 9 lens (8 $\frac{1}{4}$ " focal length)

Field Inspection by: Glen B. Woolley, John D. Stoddard date: Dec. and  
Allen Mitchell, A. M. Jylha Jan. 1943

Field Edit by: Louis Levin date: June 1943

Date of Mean High-Water Line Location (III):

Red line celluloid print

~~Projection and Control~~ checked by (III) Wash. Office

date: December 1942

" " " checked by: "

date:

Control plotted by: V.F.Simmons, Photo. Aid

date: December 22, 1942

Control checked by: A.L.Kidwell, Jr.Topo.Engr.

date: " "

Radial Plot by: Tampa Office Personnel

date: December 28, 1942

F.H.Elrod, Sr.Photo.Aid  
Detailed by M.Rutkin, Jr.Engr.Drafts.

date: Jan.-Apr., 1943

Reviewed in compilation office by:  
V.F.Simmons, Photo. Aid; J.H.S.Billmyer, Asst.Photo.Engr.

date: April 1943

Elevations on Field Edit Sheet  
checked by: Roy Roberts

date: June 1943

### STATISTICS (III)

Land Area (Sq. Statute Miles): 61.7

Shoreline (More than 200 meters to opposite shore): 6 miles

Shoreline (Less than 200 meters to opposite shore): 64 miles

Number of Recoverable Topographic Stations established: -

Number of Temporary Hydrographic Stations located by radial plot: -

Leveling (to control contours) - miles: 17

Roman numerals indicate whether the item is to be entered by, (II) Field Party, (III) Compilation Party, or, (VI) the Washington Office.

When entering names of personnel on this record give the surname and initials (not initials only).

Remarks:

## General Procedure in the Production of Topographic Quadrangles for the War Department

This quadrangle, together with similar adjoining maps produced under Project C.S. 285, was prepared by the Coast and Geodetic Survey for the War Department under "General Specifications for War Department Mapping Program" issued about December 1941, in which is incorporated the "Standard of Accuracy for a National Map Production Program" issued by the Bureau of the Budget under date of June 10, 1941.

The general procedure in the production of this and the adjoining quadrangles was:

### FIELD SURVEYS

Aerial photography with the Coast and Geodetic Survey nine-lens camera, with airplane and flight crew furnished by the U. S. Coast Guard. The photographs were taken to the scale of 1:20,000.

Ground inspection of the photographs for identification of control points, and classification and clarification of planimetric details on the photographs.

Contouring by planetable directly on the photographs. Supplementary vertical control was established by means of an extensive subordinate level net, furnishing unmarked elevations at road intersections, drive-ways, and numerous other points identifiable on the photographs.

### COMPILATION OF MANUSCRIPT

Compilation on the map manuscripts by radial plot methods (celluloid hand templates) of all planimetry and contours. These manuscripts were drawn on the scale of 1:20,000 on celluloid sheets on which polyconic projections had been ruled with the Projection Ruling Machine in the Washington Office. Compilation was accomplished in the ~~Baltimore~~ Tampa Photogrammetric Office.

### FIELD EDIT

Comparison of a copy of the manuscript with the ground. This included inspection for completeness and accuracy as well as the location by planetable methods of additional details, checking of nautical and aeronautical aids to navigation, etc.

Accuracy Tests - Application of systematic horizontal and vertical accuracy tests to check the maps for conformity with the specifications. These tests consisted of comparison of the map position and elevation of selected random points with the true position and elevation as independently determined by standard survey methods.

#### PROCESSING IN THE WASHINGTON OFFICE

Review - Examination of the manuscript for accuracy and completeness of compilation and compliance with specifications, correcting where necessary; addition of military and state grids and other special features; and verification of the general adequacy of the manuscript as a basis for the production of a finished map.

Drafting and Reproduction - Preparation of smooth color separation drawings on 1:20,000 scale on metal-mounted "blue-line" copies of the manuscript. From these drawings, negatives and printing plates were prepared for reproduction of the finished map on the scale of 1:31,680 or 1:25,000.

FIELD INSPECTION REPORT  
QUADRANGLE T-8232  
PROJECT CS-285  
F. L. Gallen, Chief of Party

1. The Santee River flows across the northern half of this Quadrangle. The river divides into two branches in the extreme northwestern part of the Quadrangle and the courses of the two rivers, the South Santee River and the North Santee River, roughly parallel each other. The land between the rivers is marshy and along each bank there are numerous marshes except in the vicinity of the highway bridge. The high ground approaches the river very close in this area. There are numerous abandoned rice fields in and along the marshes. The rivers are affected by tidal action. The mean level of the rivers has been lowered in recent years due to pumping of water from the Santee River Basin into the Cooper River Basin for hydro-electric developments on the Cooper River.

The ground, both south and north of the river, varies in elevation from sea level along the river to a height of approximately thirty feet. There are numerous streams running in a northeast-southwest direction that drain into the river on both banks.

There are many swamps and low areas found at a considerable distance from the low land along the river. These areas are quite often partially separated from the river by higher ground. The streams drain from them into the river.

The area, on a whole, is undeveloped, although there are numerous scattered and isolated farms, as well as several small settlements in the quadrangle. Several large plantations are found along the south bank of the river. Parts of the quadrangle are undeveloped. For a description of the undeveloped areas and the roads in the quadrangle refer to the report for quadrangle T-8238.

2. For a description of the work accomplished this year, refer to the report for Quadrangle T-8238. For a description of the work accomplished in the spring of 1942, refer to the report submitted at that time.

3. Refer to the report for Quadrangles T-8237 and T-8238.

4. The recovery and identification of the horizontal control stations was described in the report for Quadrangle T-8238.

5. Refer to the report for Quadrangle T-8238.

6. For the survey methods used this year refer to the report for Quadrangle T-8238. For the methods used in the spring of 1942, refer to the report submitted at that time.

7. The mean high water line has been indicated on the photographs where it could be identified by field inspection in accordance with the symbols attached to the report for Quadrangle T-8238.

8. See seven above.

9. There is one wharf in this quadrangle. It is found on photograph 8253. The wharf has been indicated. The structure that shows clear on the photographs is a barge alongside this wharf.

10. There are numerous sand bars in the rivers. These bars have been indicated wherever identifiable on the photographs.

11. There are no landmarks or aids to navigation on this sheet.

12. No hydrographic signals were established.

13. Does not apply.

14. Refer to the report for Quadrangle T-8238.

15. For the smaller bridges refer to the report for Quadrangle T-8238. The long highway bridge that crosses the Santee River is a wooden structure. There are several concrete fire breaks (they show white on the photographs). The only opening in the bridge is in the part over the North Santee River. It is a swing type draw. The draw is 182 feet long. The bridge width of the draw is 19 feet. There is a vertical clearance of 14.2 feet between the floor and the overhead structure of the draw. When the bridge is closed, there is a vertical clearance of 12.5 feet above MHW. The horizontal distance between fender piles is 68.5 feet through either opening. Both openings can be used by vessels proceeding through the bridge. The span over the South Santee River is fixed. The horizontal distance between the piling is 12 feet. The vertical clearance is 14.0 feet above MHW. The South Santee River is shallow and is not used except by small row boats.

16, 17, 18. See the report for Quadrangle T-8238.

19. Refer to the report for Quadrangle T-8236 for the junction on the south.

Refer to the report for Quadrangle T-8231 for the junction with that sheet south of the Santee River. North of the river the work on Photograph 8353 joins the work shown on the map assembly of Quadrangle T-8231. A satisfactory junction was made in the area east of U. S. Highway 17, between G-54 and G-16. The swamp leading east and south-east from the Highway midway between G-54 and G-55 is not indicated on the map assembly and should be added as indicated on the photographs. The remainder of the junction between the old and the new work is satisfactory. The junction with Quadrangle T-8227 on the north and with Quadrangle T-8233 on the west will be on overlapping photographs.



20. The following discrepancies between the new work on photograph 8354 and the old work on the map assembly for this quadrangle are called to your attention. The small contour on the compilation west of U. S. Highway 17 is as shown on the photograph. The drainage heads up very close to the road. The intermittent streams and the contour northwest of the first road intersection on U. S. Highway 17 south of the river was found to be out of place on the map assembly. The old work was transferred to the photograph and the location investigated in the field. That part of the old work found in error has been deleted on the photograph with green crosses.

The wet weather swamps as outlined on the compilation are not in their correct shapes. Comparison with the photographs in the field indicated that the light grey tones generally outlined the swampy ground along the streams and drains. Wherever differences in the interpretation of the topography on the compilation is indicated by a study of the photograph in the field and the point is not clear on the photograph, suitable notes have been made.

All field work has been completed, including a field edit of those parts of the area covered by the planimetric maps, except as noted in the above descriptive report. Field edit of the entire quadrangle should be accomplished on the final copy of the compilation. This field edit should include that part of the area covered by the old planimetric maps and should be accomplished after these maps have been corrected from the data submitted on the field inspection photographs.

This report is not intended to cancel the report submitted in the spring of 1942 except where proper notations have been made.

Approved:

*F. L. Gallen*

F. L. Gallen,  
Chief of Party.

*Glen B. Woolley*

Glen B. Woolley,  
Senior Engineering Aid.

COMPILATION REPORT  
TO ACCOMPANY  
SHEET NO. T-8232

Santee Quadrangle

CONTROL

Control on this sheet was abundant, there being four triangulation stations and ten traverse stations within the tracing limits.

RADIAL PLOT

The discussion of the main radial plot which included this sheet was made a part of the descriptive report of the Jamestown Quadrangle (Sheet No. T-8229).

The detailer checked the radial points furnished from the main radial plot, and found them satisfactory. While making this check of the main radial plot, several additional radial points were intersected to aid in detailing.

Forty-three U. S. G. S. traverse stations were plotted on this sheet. About 60% checked well radially, and were used in the detailing. As the other 40% of these stations did not check well and were often obviously erroneous, they were disregarded in detailing.

DETAILING

The photographs covered this quadrangle well, yielding about 65% overlap; they were clear and of fairly good scale, which made detailing very easy.

Field inspection covered practically the entire area; it was clear and of ample density.

Geographic names were placed upon an overlay sheet to avoid obliteration of topographic details.

Numerous small streams overgrown with vegetation are shown on the field print with the "intermittent stream" symbol. This symbol was also used on the survey sheet. These streams would probably best be shown as "p.d.u.", (probable drainage unsurveyed).

The eastern portion of the sheet was compiled previously and a copy of this compilation was furnished on a red line celluloid print with projection lines to cover the balance of the sheet. Corrections on the area previously detailed were made in black celluloid ink.

Contours were inked in with red celluloid ink.

SUPPLEMENTAL DATA

The only supplemental data used in the compilation of the sheet was the list of geographic positions furnished by the Geological Survey. These positions have been previously mentioned under "Radial Plot".

COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

There are no topographic quadrangles available, of the area mapped, with which to make a comparison.

COMPARISON WITH NAUTICAL CHARTS

The area covered by T-8232 falls too far inland to be included on any existing nautical charts.

Respectfully submitted,

*Morris Rutkin*  
Morris Rutkin,  
Jr. Engineering Draftsman

Forwarded by:

*Kenneth G. Crosby*  
Kenneth G. Crosby,  
Chief of Party...

## ROAD CLASSIFICATION FOR MAPS OF ALL SCALES

CLASS	LABEL	STRUCTURE	LOADING
1	Dependable hard-surface heavy duty road.	Concrete, asphaltic concrete bituminous Macadam, H-15 type structures.	Will bear heaviest loads with little maintenance.
2	Secondary, hard-surface all-weather road.	Surface-treated, oiled gravel, waterbound Macadam, structures generally lighter than H-15 but sturdy.	Will bear fairly heavy military loads in all weather if maintained.
3	Loose-surface graded, dry-weather road.	Gravel or stone surface, stable material, selected sand-clay, etc. Drained and graded.	Will bear light military loads in good weather.
4	Unimproved road.	Graded and drained earth, with very light structure.	Generally unsuitable for military loads.
4U	Truck road	Woods roads, farm roads, etc. over which a standard gage vehicle can be driven.	
5	Trail	(Horse trails, foot trails, etc.)	

Roads with more than two (2) lanes are indicated by note along road, e. g. 3 LANE. Change in lanes shown by tick at point of change. Main roads have two lanes unless otherwise marked.

Private roads are designated by the letter P after the road classification.

### **WOODS CONCEALMENT CLASSIFICATION**

Class A: Trees over 10' high and thick enough to hide troops.  
Class B: Brush thick enough to hide troops but dense enough to impede progress.  
Class C: Scattered brush thick enough to hide troops but not thick enough to impede progress.



FIELD INSPECTION  
PROJECT CG-265

BUILDINGS

B - Barn  
Bldg - Building  
Bo Ho - Boat House  
Ch - Church (give name)  
Ct Ho - Court House (give name)  
PoO - Post Office (give name)  
Sch - School (give name)  
Hos - Hospital (give name)  
RR Sta - Railroad Station  
Sto - Country store or  
gas station  
P Sta - Power Station

BOUNDARIES

BOY - Boundary  
F B - Fire Break  
Hdg - Hedge  
Park - Park  
Cem - Cemetery  
Co - County

LANDMARKS

PT - Fire Tower (give name)  
TT - Transmission Tower  
RT - Radio Tower or mast  
Air Ra - Airway Beacon  
NA - Non-lighted aid to  
navigation  
Lt - Lighted aid to  
navigation  
Tk - Low tank  
Tk elev - Tank elevated on  
structure  
Stk - Stack

GENERAL

X - delete; except where it  
pertains to elevations.  
Use only the abbrev. listed  
on this page. Do not make  
up abbreviations.

SHORE LINE

HWL - Mean high water; fast land  
LWL - Low waterline  
LL - Marsh shore line  
M - Marsh  
MW - Marsh grass in water  
Dk - Dock  
Pier - Pier  
Se W - Sea Wall  
Bkhd - Bulkhead  
Jet - Jetty  
Dol - Dolphin  
Pile - Pile  
S - Sand  
Mud - Mud  
Rk - Rock or rocky  
Sty - Stony  
Cons - Concrete  
Wo - Wood  
Blf - Bluff  
Dune - Dune

STREAMS AND PONDS

D - Largest ditches only  
DX - Small ditch (delete)  
IS - Intermittent stream  
PD - Probable drainage  
Cr - Creek  
Ca - Canal  
Cv - Culvert  
Lev - Levee  
Dam - Dam  
P - Pond  
IP - Intermittent pond

VEGETATION

Gr - Grass  
Sw - Swamp  
Cy Sw - Cypress Swamp



## WOODS AND BRUSH

### TYPE

D	Deciduous
E	Evergreen
Cy	Cypress

## CONCEALMENT

Z	Trees 10 feet or more in height, and thick enough when in foliage to conceal troops and vehicles.
I	Brush and undergrowth thick enough to impede foot troops and conceal troops lying down.
X	Scattered trees not thick enough to conceal troops.
W	Scattered brush not thick enough to conceal troops.

## PHYSICAL FEATURES

HG	Higher ground - usually appears in light tone on photograph; either wooded or cultivated area; may be scrub trees or brush. (usually not symbolized on photographs.)
LG	Low areas - generally appears dark on photograph; becomes swampy during rainy season; often covered with dense growth of brush.
SW	Swamp - ground covered with water or boggy most of the time; lower in elevation than LG; wooded and/or brush.
M	Salt marches

NOTE: The above areas are not outlined but sufficient notes are made on each photograph so that the variation in tones can be correctly interpreted in the office.

FIELD EDIT REPORT  
T-8232  
PROJECT CS-275

46. The field edit was done by visual inspection, making all additions and deletions on the map manuscript in the field and transferring all the detail to a smooth copy while inking.

The following color scheme was used:

FEATURES	COLORS
Additions, bench marks, wye level elevations and crosses	BLACK
Deletions	GREEN
Drainage features	BLUE
Contours	BROWN
Civil boundaries	VIOLET

47. The detail on this map manuscript is believed to be complete and adequate.

48. A horizontal accuracy test was run in this Quad, and in Quad No. T-8227.

Vertical accuracy tests are the subject of a special report for Project CS-285.

Submitted by

*Louis Levin*  
Louis Levin *FLG.*  
Photogrammetric Aid

Approved and Forwarded

*F. L. Gallen*  
F. L. Gallen  
Chief of Party

T08232

No. 1

Remarks

Decisions

1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		331793
17		"
18		"
19		"
20		"
21		"
22	Pending with U.S.G.B.	331794
23		"
24		"
25		"
26		"
27		"



# GEOGRAPHIC NAMES

Survey No. T-8232

Santee quadrangle

No. 1 Name on Survey

	A	B	C	D	E	F	G	H	K	
Santee River		✓								1
North Santee River		✓								2
South Santee River		✓								3
Georgetown County,		✓								4
Charleston County		✓								5
Berkeley County		✓								6
U.S. Highway 17 and 701		✓								7
Francis Marion National Forest										8
St. James Santee Twp (Charleston Co.)										9
" " (Berkeley Co.)										10
Santee Twp 1 (Georgetown Co.)				✓						11
State Highway No. 179 (Moss Creek Road, below)					✓					12
State Highway No. 813		✓								13
Santee Gun Club Road										14
										15
Collins Creek	✓									16
Sixmile Creek	✓									17
Santee Swamp	✓									18
Garfish Creek	✓									19
Wedge Plantation	✓									20
Harrietta Plantation	✓									21
South Santee	✓									22
Collins Creek Settlement	✓									23
Du Pre Road	✓									24
Sevenmile Road	✓									25
Old Georgetown Road	✓									26
Webb Bridge	not shown									27

T-8232

No. 2

Remarks

Decisions

1		331795
2		"
3		331794
4		"
5		"
6		"
7		"
8		"
9		"
10	Pending with USGB	332794
11		"
12		"
13		"
14		"
15		"
16		"
17		331794
18		332794
19	Not Waterborne	331795
20		332794
21		"
22		"
23		331795
24		332794
25		"
26		"
27		"

# GEOGRAPHIC NAMES

Survey No. T-8232

No. 2

Name on Survey

	On Chart No.	On previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List	
A	B	C	D	E	F	G	H	K	
Mill Branch	✓								1
Mass S amp Road	✓	(State No. 179)							2
River Road	✓								3
Old Montgomery Bridge	✓								4
Germantown	✓								5
Germantown Road	✓								6
Fairfield Plantation	✓								7
Cedar Creek Bridge	✓								8
Wambaw Road	✓								9
Wambaw Creek	✓								10
Wambaw Corner	✓								11
Cedar Creek	✓	(small, south trib. South Santee River)							12
Hampton Creek	✓								13
Hampton Island	✓								14
Hampton Plantation	✓								15
St. James Ferry (Abd.)									16
Montgomery Creek	✓								17
Wambaw Creek Bridge	✓								18
Waterhorn Road	✓								19
Waterhorn Plantation (Abd.)									20
Big Morgan Branch	✓								21
Little Morgan Branch	✓								22
Chicken Creek Road	✓								23
Cedar Hill	✓								24
Cedar Hill Landing (Abd.)									25
Cedar Hill Island	✓								26
Chicken Creek	✓								27

## Remarks

1		332794
2	Pending with USGB	"
3	" " "	"
4		"
5		"
6	Pending with USGB: location varies on two name sheets, earlier one placing village on U.S.	"
7	701, later report having it to NW. Recommend first location, as South Santee is on 701.	"
8		"
9		"
10		"
11		"
12		"
13		"
14		332793
15		
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# GEOGRAPHIC NAMES

Survey No. T-8232

No. 3

Name on Survey

	On Chart No.	On previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List	
A	B	C	D	E	F	G	H	K	
Cedar Creek ✓ (from northwest)									1
Wadmacon Island ✓									2
Wadmacon <sup>Creek</sup> River ✓									3
Goat Island ✓									4
Collins Landing (Abd.)									5
North Santee ✓									6
Fole Branch ✓									7
Fole Bridge ✓									8
Britton Neck ✓									9
Britton Neck Road ✓									10
Mustershed Bridge ✓									11
Mustershed Road ✓									12
Bonny Clabber Creek ✓									13
Bonny Clabber Bridge ✓									14
									15
									16
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									25
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									27

Names underlined in red ap  
by L. Heck on 9/28/43

## RECORDS

Between January, 1942 and July, 1944, this Bureau completed 323 quadrangles. These maps have been published, or are in the process of being published on scales of 1:31,680 or 1:25,000. This series of quadrangles includes a land area of approximately 15,000 square miles. Incident to this work, a considerable volume of survey records and data has accumulated which will be filed for future reference. This material is filed as follows:

### Registered and Filed in the Vault

Cloth-mounted copy of the published quadrangle.

published quadrangles at 1:20,000 scale  
Black and white cloth-mounted copy of the map manuscript. This copy is filed to preserve original survey detail shown on the manuscript at 1:20,000 scale which may not have been shown on the published sheet. For political boundaries, woodland, marsh, and swamp limits, refer to the published quadrangle for the finally adopted positions. outlines.

Descriptive Report.

Division.

Filed in the Photogrammetric Section---Surveys Branch

Field inspection photographs.

Contoured photographs (on which planetable contouring work was performed.)

Field edit sheet.

Descriptions of recoverable topographic stations (Form 524), filed in Reviewing Unit Section.

Supplementary traverse and level records.

Field notes, computations, lists of positions, and tabulations of results of horizontal and vertical accuracy tests.

Reproduction proof.

Correction sheet (copy of quadrangle showing in red changes to be made when next printed.)

Check lists of work performed on each sheet in the Washington Office during review, drafting, edit, and reproduction.

Original celluloid manuscript.

Copies of specifications and all instructions to field parties and field offices.

Filed in Reproduction Branch

Glass negatives of the color separation drawings.

Filed in the Library

~~Special report on field work by Commander K. T. Adams, 1944.~~

Special report on office work by B. G. Jones, 1944.

Season's report on field work by Commander F. L. Gallen, 1944.

Season's report on field work by Commander R. L. Schoppe, 1944.

Delivered to the Army Map Service in accordance with the contract

Film negatives and film positives of the color separation drawings.

All color separation drawings.

~~Original celluloid manuscript.~~

A correction sheet consisting of a copy of the first edition of the quadrangle with notes in red indicating changes desirable at the next printing.

## DIVISION OF CHARTS

### SURVEYS BRANCH

#### REVIEW OF AIR PHOTOGRAPHIC SURVEY T-8232

#### SANTEE QUADRANGLE

This quadrangle manuscript has been examined for completeness, accuracy, and conformity with the specifications. It is adequate for smooth drafting, reproduction and publication. Revisions found to be necessary in this office are discussed on the next page.

#### Horizontal and Vertical Accuracy

A horizontal accuracy test was run in this quadrangle. For information on this test see report on Horizontal Accuracy Traverse No. 9 in the Division of Photogrammetry files.

The nearest vertical accuracy test was run in Quad. T-8233.

#### Previous Surveys

This manuscript has been compared with the following previous topographic surveys of this Bureau and other agencies. This map is satisfactory to supersede the previous surveys over the common area.

1308	1:20,000	1873
1347	1:20,000	1873
6294a&b	1:10,000	1935
6296a&b	1:10,000	1935

#### Comparison with Nautical Charts Nos.

The manuscript has not been applied to the charts at the date of this review. The following comments are pertinent to the compilation and correction of nautical charts:

No nautical charts cover this area.



The following revisions of the map manuscript were found to be necessary and were accomplished as a part of this review:

Only corrections of a minor nature were necessary during the review of this map manuscript.

Reviewed Aug. 17, 1943 By John H. Stewart  
under direction of D. H. Benson (per D.M.)

Inspected by B. G. Jones 2/12/46

Examined and approved:

K. T. Adams  
Chief, Surveys-Branch-  
Division of Photogrammetry

Chief, -Topography-Section

Robert McKen  
Chief, Div. of Charts-  
Nautical Chart Branch

Raymond P. Egan  
Chief, Div. of Coastal  
Surveys

## NAUTICAL CHARTS BRANCH

SURVEY NO. T-8232

### 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.