

Original

8192

8192

Form 504	
U. S. COAST AND GEODETIC SURVEY DEPARTMENT OF COMMERCE	
DESCRIPTIVE REPORT	
Type of Survey <u>Air Photographic Topographic</u>	
Field No.	Office No. <u>T-8192</u>
LOCALITY	
State <u>North Carolina</u>	
General locality <u>Brunswick County, N. C.</u>	
Locality <u>Supply, N. C.</u>	
Photos used. <u>8139</u> <u>8137</u> <u>8135</u>	<u>April 1, 1942</u>
<u>1943</u>	
CHIEF OF PARTY <u>F. L. Gallen and</u> <u>Fred. L. Peacock</u>	
LIBRARY & ARCHIVES	
DATE <u>June 5, 1946</u>	

ON
Diag. Ch. 1110

DATA RECORD

T-8192

Quadrangle (II):

Project No. (II):

SUPPLY 7½ minute Quadrangle
Field Office:

CS-284

Chief of Party:

Myrtle Beach, S. C.
Compilation Office:

F. L. Gallen
Chief of Party:

Baltimore, Maryland
Instructions dated (II III):

Fred. L. Peacock

Copy filed in Descriptive
Report No. T- (VI)

July 15, Oct. 19, 23;
Oct. 27, Dec. 17, - ;)1942

Completed survey received in office: 6/43

Reported to Nautical Chart Section: 1/45

Reviewed: 10/43 Applied to chart No. Date:

Redrafting Completed: 12/43

Registered: 5/46 Published: 5/44

Compilation Scale: 1:20,000 Published Scale: 1:31680

Scale Factor (III): None

Geographic Datum (III): N.A. 1927 Datum Plane (III): Mean Sea Level
(adj.)

Reference Station (III): Gore, 1932

Lat.: 34° 02' 03.233" 99.6m. Long.: 78° 19' 19.370" ^{497.0} 496.9 m. Adjusted
(1749.1)m (1042.3)m ~~Unadjusted~~

State Plane Coordinates (VI):

North Carolina, Single Zone

X = 2, 205, 427.21 feet Y = 104, 149.25 feet

Military Grid Zone (VI) "B"

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
Nine Lens				
8130 - 8132	4/1/42	12:52p.m.	1:20,000	No Tidal Waters within the limits of this map manuscript.
8137 - 8139	4/1/42	1:08p.m.	1:20,000	

Tide from (III): No tide computation necessary

Mean Range: Spring Range:

Camera: (Kind or source) U. S. Coast & Geodetic Survey, Nine lens camera (focal length 8 $\frac{1}{4}$ ")

Field Inspection by: J. N. Henningsen date: March, April, 1943

Field Edit by: *L. Levin* date: *July, 1943*

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

Projection and Grids ruled by (III) Washington Office date: April 6, 1943

" " " checked by: Washington Office date: April 6, 1943

Control plotted by: Charles C. Tropp date: April 8, 1943

Control checked by: J. Edward Deal, Jr. date: April 9, 1943

Radial Plot by: J. Edward Deal, Jr. & Joseph Steinberg date: April, 1943

Detailed by: Harold R. Brooks date: June, 15, 1943 to June 26, 1943

Reviewed in compilation office by: William H. VanLoon date: June 28, 1943

Elevations on Field Edit Sheet checked by: *L. Levin* date: *7/22/1943*

STATISTICS (III)

Land Area (Sq. Statute Miles): 61.8

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

Shoreline (Less than 200 meters to opposite shore): None

Number of Recoverable Topographic Stations established: Two

Number of Temporary Hydrographic Stations located by radial plot:

None

Leveling (to control contours) /- ^{Statute} miles: 36

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:

FIELD INSPECTION REPORT
QUADRANGLE T-8192
Project CS-284
F. L. Gallen, Chief of Party

1. DESCRIPTION OF AREA:

The area covered by this quadrangle lies wholly in Brunswick County, North Carolina and consists of swamp, farm land, and higher rolling timberland; with elevations ranging from around 10 to 70 feet. Seventy per cent is swamp or low ground, while about 15 per cent is higher rolling timberland and 15 per cent well developed farm land. The farm land found in the south-east portion of this quadrangle is used for raising tobacco and corn, with a small amount of grain crops. It is easily eroded by the wind and rain and is cut up by numerous small creeks and branches which eventually flow into the Shallotte River to the South. The higher rolling timberland is found around the edges of the swamp or low ground and is covered with a second growth of pine mixed with a few scrub oak on the higher ridges. This timberland, unlike the area to the North and West, is cut up with steep drainages and it is found that there are a number of relatively high hills or knolls. These higher hills are usually barren and very sandy. The swamp or low ground area mentioned above is locally known as a part of the Green Swamp. It is found in the northern and western portions of the quadrangle. It has no definite drainage basin, but drains due to the slight gradient of the land in all directions from the swamp through a system of intermittent swamp branches that gradually flow into Juniper Creek to the northwest, Driving Creek to the west, and numerous branches and creeks that eventually flow into the Shallotte River to the south and Royal Oak Creek, which is east of the quadrangle boundaries. This Green Swamp is covered with a dense undergrowth of vines, briars, scrub pine, and some few deciduous trees. It has water standing in it a large part of the year and is referred to by many local people as "Bay" or "Savanna" land, which is described in report T-8187. One could liken the Green Swamp to a relatively high plateau which is so flat and the gradient so slight that rainfall will not run off and the soil has become boggy, or, as is known in this locality, "sour". The farms referred to above are much better developed than anything in the immediate vicinity or adjoining quadrangles to the north and west. This is probably due to the well graded roads which serve them.

2. COMPLETENESS OF FIELD INSPECTION:

The field inspection is thought to be complete. Buildings, churches, cemeteries, roads and trees have all been classified. Only the buildings circled are to be shown on the map drawing. Those that are only circled and not designated are to be classed as houses or dwellings. Trails are shown with a dashed line, thus -----. Swamp areas are enclosed by a dashed blue line and named swamp. Low ground areas are designated L. G. and also enclosed by a dashed blue line. The drainage to be shown on the completed sheet is shown on the field sheet. There are two main highways on this quadrangle, N. C. #130 and U. S. Route #17, which have been labeled. It is thought that all necessary information is shown on the field sheet

that should be shown on the map drawing. Classification of bridges and culverts which have been designated on the photos or any other small items erroneously omitted will be noted by the field edit party.

3. INTERPRETATION OF THE PHOTOGRAPHS:

The photographs for this quadrangle are typical to corresponding areas of this type. The deciduous trees show up rather grayish in color and generally are found in the lower areas or swamp land, while the pine or evergreen trees show up dark and are found on the higher ground. The real light wooded portions are cut over land and are generally covered by a very few pine trees or low brush. It should be noticed that in different parts of the photos definite culture lines show up, especially in the swamp or wooded areas. They resemble trails. These lines are old logging railroads which have been abandoned for a large number of years. The lines are put in from time to time during logging operations and as the timber is cut from the swamp they are dismantled and only the right-of-way is left. Today these rights-of-way are grown up with a heavy underbrush and are hard to find on the ground but evidently are visible from the air. They should be ignored when compiling the sheet. A number of firebreaks show up as a grayish line. Whenever these are encountered they should be immediately accepted as such even though no notation is made of them on the photo. These lines are found in the cut-over areas mentioned above. In any case, it is thought that nothing should be shown on the compilation which is not noted on the photo or does not have a similar notation on some other part of the photo or other photos for this quadrangle.

4. HORIZONTAL CONTROL:

See Report for T-8188.

5. VERTICAL CONTROL:

See Report for T-8188.

6. CONTOURS AND DRAINAGE:

See Report for T-8188.

7-13. See Report for T-8188.

14. ROAD CLASSIFICATION:

See Report for T-8188.

15. BRIDGES AND CULVERTS:

See Report for T-8188.

16. BUILDINGS AND STRUCTURES:

See Report for T-8188.

17. BOUNDARY MONUMENTS AND LINES:

This quadrangle lies wholly in Brunswick County, North Carolina. There are no parks or other boundaries on this quadrangle except political ones which will be added during the time of field edit.

18. GEOGRAPHIC NAMES:

See Report for T-8188.

19. JUNCTIONS:

Junctions with T-8186 to the north, T-8193 to the west, T-8191 to the east, and T-8199 to the south have been made and are in agreement.

20. PHOTOGRAPHS USED:

The photographs used in surveying this area were; 8137, 8138, 8139, 8131, and 8132.

Submitted by,

Approved and forwarded:

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

Joe N. Henningsen
Joe N. Henningsen
Pr. Photogrammetric Aid.

26 CONTROL:

Three triangulation stations shown within the limits of this map manuscript and one triangulation station just beyond the northern limit of this map manuscript were used as horizontal control for secondary and detail points.

Triangulation stations within the limits of this map manuscript are:

BIG, 1942
DIVIDE, 1942
GORE, 1932

The triangulation station just beyond the northern limit of this map manuscript is:

TRAM, 1942

In order to assure good identification of the horizontal control on the office photographs, the field inspection party established Field Inspection stations at all of the above triangulation stations.

These Field Inspection stations are indicated by an orange ink circle on the glossy side of the map manuscript.

27 RADIAL PLOT:

The radial plot for this map manuscript is described in section 3 of the descriptive report for the radial plots of Projects CS-275 and CS-284, which has been previously submitted to the Washington Office.

28 DETAILING:

Nine lens unmounted photographs were used for the compilation of this map manuscript.

The field inspection for this map manuscript was satisfactory and afforded good interpretation of the photographs. All drainage, as field inspected, was verified on the office photographs by stereoscopic examination and only slight changes were made. In the northwest section of the map manuscript, portions only, of several stream beds are detailed. The entire limits of these stream beds, in the area of this map manuscript, could not be determined after careful stereoscopic examination, of the office photographs. A note covering this condition has been made on the discrepancy overlay.

28 DETAILING: (cont'd)

Additional drainage, not indicated by field inspection, is evident from stereoscopic examination of the office photographs. This drainage has been shown by a dot and dash symbol on the map manuscript.

Where the field inspection party did not furnish this compilation office with the limits of marsh and swamp areas, these areas, have been shown with the usual symbol but have not been outlined with a dashed line.

29 SUPPLEMENTAL DATA:

There are no previous topographic surveys, of the area covering this map manuscript, available to the compilation office.

30 to 35 Incl.: These items are not applicable to this map manuscript.

37 AZIMUTH REFERENCE MONUMENTS:

Two Azimuth Reference Monuments are within the limits of this map manuscript. They are:

BIG, 1942, AZIMUTH
DIVIDE, 1942, AZIMUTH

They have been located by radial resection and their positions and descriptions are submitted herewith on Form No. 524.

38 GEOGRAPHIC NAMES:

A list of undisputed, disputed and recommended geographic names has been prepared to accompany this map manuscript. These geographic names were furnished the compilation office by the field inspection party on a copy of the North Carolina State Highway & Public Works Commission map of Brunswick County.

39 DISCREPANCY OVERLAY:

A discrepancy overlay has been prepared to accompany this map manuscript. On it are notes calling attention of the field edit party to additional information needed to make this map manuscript complete. Questions concerning correct interpretation, comments and notes such as are deemed likely to be of assistance during the field edit have been included. The numbers of all bench marks are shown for use of the Baltimore Compilation Office, in scaling their geographic positions from the red-line print.

40 HORIZONTAL ACCURACY:

Because of difficulties encountered in the running of main radial plots for Projects CS-275 and CS-284 the test points for horizontal accuracy test traverse No. T-4 were resected on the map manuscripts on which they fell. This was done prior to the compilation of the map manuscripts.

The positions of these test traverse points were scaled from the map manuscript and sent to the Washington Office for comparison with the computed geographic positions submitted by the field inspection party.

The results of the horizontal accuracy test traverse No. T-4 submitted to the compilation office by the Washington Office indicate that all the test traverse points which fall on this map manuscript are within the limits of accuracy for planimetric detail as specified in the instructions for war mapping.

The results of the horizontal accuracy test traverse No. T-4 will be attached to the descriptive report for the map manuscript of survey No. T-8198. The traverse test points Nos. T-5 to T-18 inclusive fall within the limits of the map manuscript for survey No. T-8192 and their numbers are shown on the discrepancy overlay.

41 RECOMMENDATION FOR FUTURE SURVEYS:

The planimetric detail as presented on this map manuscript is believed complete, but is subject to field edit for corrections; additions and deletions.

42 JUNCTIONS:

Complete satisfactory junctions have been made with the following map manuscripts:

To the North: With Map Manuscript for Survey No. T-8186

To the East: With Map Manuscript for Survey No. T-8191

To the South: With Map Manuscript for Survey No. T-8199

To the West: With Map Manuscript for Survey No. T-8193

43 REMARKS:

The description as prepared by the field inspection party adequately describes the area covered by this map manuscript.

44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

There are no topographic quadrangles of this area available to this Compilation Office for comparison with this map manuscript.

45 COMPARISON WITH NAUTICAL CHARTS:

There are no navigable waters in the area of this map manuscript.

Respectfully submitted,
June 26, 1943

Harold R. Brooks
Harold R. Brooks
Sr. Engineering Aid

Map Manuscript, Discrepancy
Overlay and Descriptive Re-
port reviewed by:

William H. Van Loon
William H. Van Loon
Pr. Photogrammetric Aid

Compilation of Map Manuscript
Supervised by:

Joseph Steinberg
Joseph Steinberg
Asst. Photogrammetric Engineer

and

J. Edward Deal, Jr.
J. Edward Deal, Jr.
Asst. Photogrammetric Engineer

Approved & Forwarded:
June 28, 1943

Fred. L. Peacock
Fred. L. Peacock
Officer-in-Charge
Baltimore Field Office

LIST OF GEOGRAPHIC NAMES

Undisputed

- | | |
|--------------------------|--------------------------|
| ✓ Atkinson Island | ✓ Hickory Island |
| ✓ Bear Pen Islands | ✓ Holden Beach Road |
| ✓ Bear Pen Islands Swamp | ✓ Huitt Bay |
| ✓ Beaver Dam Swamp | ✓ Juniper Creek |
| ✓ Big Doe Creek | ✓ Little Doe Creek |
| ✓ Big Island | ✓ Little Island |
| ✓ Big Opening | ✓ Little Royal Oak Swamp |
| ✓ Boones Neck Road | ✓ Middle River (Stream) |
| ✓ Caison Islands | ✓ Middle River (Town) |
| ✓ Clark's Branch | ✓ Prospect |
| ✓ Cumbee Bay | ✓ Prospect Ridge |
| ✓ Doe Bridges | ✓ Prospect Road |
| ✓ Doe Creek (Town) | ✓ Royal Oak Road |
| ✓ Driving Creek | ✓ Royal Oak Swamp |
| ✓ Fall Swamp | ✓ Supply |
| ✓ Fall Swamp Islands | ✓ Williams Bays |
| ✓ Green Swamp | ✓ Williams Branch |
| ✓ Green Swamp Road | ✓ Lockwoods Folly Bridge |

Disputed

Recommended

- ✓ Lockwoods Folly River

Disputed

- Lockwood Folly River

FIELD EDIT REPORT
T-8192
PROJECT CS284

46. The field edit was accomplished 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	RED
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.
Test Traverse indicated a satisfactory plot accuracy.
Vertical accuracy tests are the subject of a special report for Project CS 284.
The closest vertical accuracy test was made on T-8191, just east of T-8192.

Submitted by

Louis Levin
Louis Levin
Photogrammetric Aid

Approved and Forwarded

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

Remarks.

Decisions

	Remarks.	Decisions
1		
2		Road Maps
3		" "
4		
5		
6		
7		
8		339782 U.S.G.B.
9		340782
10		"
11		"
12		"
13		"
14		"
15		339782
16		340782
17		"
18		"
19		"
20		"
21		"
22		341782
23		"
24		341783
25		"
26		"
27		"

GEOGRAPHIC NAMES

Survey No. T-8192

SUPPLY quadrangle

1 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
<u>Brunswick County</u> ✓	✓								1
<u>U.S. No. 17</u> ✓	✓								2
<u>N.C. Highway No. 130</u> ✓	✓								3
<u>Smithville Twp</u> ✓	✓								4
<u>Lockwoods Folly Twp</u> ✓	✓								5
<u>Waccamaw Twp</u> ✓	✓								6
									7
<u>Lockwoods Folly River</u> ✓	✓								8
<u>Supply</u> ✓	✓								9
<u>Big Doe Creek</u> ✓	✓								10
<u>Doe Bridges</u> ✓	✓								11
<u>Little Doe Creek</u> ✓	✓								12
<u>Royal Oak Road</u> ✓	✓								13
<u>Royal Oak Swamp</u> ✓	✓								14
<u>Holden Beach Road</u> ✓	✓								15
<u>Lockwoods Folly Bridge</u> ✓	✓								16
<u>Beaverdam Swamp</u> ✓	✓								17
<u>Middle River</u> ✓	✓ (settlement)								18
<u>Middle River</u> ✓	✓ (stream)								19
<u>Clark Branch</u> ✓	name shown in "Bolivia" quadrangle								20
<u>Doe Creek</u> ✓	✓ (settlement)								21
<u>Big Opening</u> ✓	✓								22
<u>Caison Islands</u> ✓	✓								23
<u>Green Swamp</u> ✓	✓								24
<u>Bear Pen Islands</u> ✓	✓								25
<u>Bear Pen Swamp</u> ✓	✓								26
<u>Driving Creek</u> ✓	✓								27

T-8192

No. 2

Remarks

Decisions

	Remarks	Decisions
1		341785
2		340783
3		340782
4		"
5		340783
6		"
7		"
8		"
9		"
10		"
11		339783
12		340783
13		"
14		"
15		"
16		339783
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		

GEOGRAPHIC NAMES

Survey No. T-8192

2	Name on Survey	Sources													
		A	B	C	D	E	F	G	H	K					
	Juniper Creek ✓	✓													1
	Hickory Island ✓	✓													2
	Big Island ✓	✓													3
	Little Island ✓	✓													4
	Fall Swamp Islands ✓	✓													5
	Fall Swamp ✓	✓													6
	Atkinson Island ✓	✓													7
	Prospect Ridge ✓	✓													8
	Prospect Road ✓	✓													9
	Prospect ✓	✓													10
	Boones Neck Road ✓	✓													11
	Little Royal Oak Swamp ✓	✓													12
	Cumbee Bay ✓	✓													13
	Huitt Bay ✓	✓													14
	Williams Bays ✓	✓													15
	Williams Branch ✓	✓													16
															17
															18
															19
															20
															21
															22
															23
															24
															25
															26
															27

Names identified in red by L. Heck on 11/10/43

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 quadrangle 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.

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.

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.

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

This quadrangle, together with similar adjoining maps produced under Project C.S. 284, 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.

DIVISION OF CHARTS

SURVEYS BRANCH

REVIEW OF AIR PHOTOGRAPHIC SURVEY T-8192

SUPPLY 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

The horizontal accuracy test traverse No. T-4 is within the limits of accuracy.

The closest vertical accuracy test was made on T-8191

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.

There are no previous topographic surveys in this area.

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:

There are no navigable waters in the area of this map manuscript.

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

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

Reviewed Sept. 9, 1943 By S. E. Schwaner
under direction of D. H. Benson *per H.M.*

Inspected by B. G. Jones *B.G. Jones 5/46*

Examined and approved:

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

~~Chief, -Topography-Section-~~

Robert W. Knox
Chief, Div. of Charts
Robert W. Knox
Chief, Nautical Chart Branch
Raymond R. Gorman
Chief, Div. of Coastal
Surveys