

8196

8196

Form 504	
U. S. COAST AND GEODETIC SURVEY	
DEPARTMENT OF COMMERCE	
DESCRIPTIVE REPORT	
Type of Survey	Air Photographic Topographic
Field No.	Office No. T-8196
LOCALITY	
State	North Carolina
General locality	Brunswick & New Hanover Counties
Locality	Snow Marsh, Cape Fear River
1943	
CHIEF OF PARTY F. L. Gallen and Fred. L. Peacock	
LIBRARY & ARCHIVES	
DATE	Feb 8, 1946

Applied to Cht. 1236

7/7/44

G.R.

" addl corrections (C.S. 275) to Cht. 424

7/18/45 G.R.

835 Examined aids, piers, rocks + bridges - 12/19/47

J.F.R.

834 " Add landmark Tower. No other cor. This time ^{1/25/42 Refs} 1950

DATA RECORD

T-8196

Quadrangle (II):

Snow Marsh $7\frac{1}{2}$ minute

Project No. (II):

CS-275

Field Office:

Myrtle Beach, S. C.

Chief of Party:

F. L. Gallen

Compilation Office:

Baltimore, Maryland

Chief of Party:

Fred. L. Peacock

Instructions dated (II III):

January 23, July 15,)
Oct. 19, 23, 27;) 1942Copy filed in Descriptive
Report No. T- (VI)Completed Survey received in office: *July 24, 1943*Reported to Nautical Chart Section: *July 25, 1943*Reviewed: *Nov. 5, 1943* Applied to chart No.

Date:

Redrafting Completed: *Jan. 20, 1944*Registered: *Dec. 1945* Published: 1944

Compilation Scale: 1:20,000 Published Scale:

Scale Factor (III): None

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

Reference Station (III): CORN, 1923, 1933

Lat.: $33^{\circ} 55' 34.915''$ 1075.8 Long.: $77^{\circ} 56' 43.267''$ 1120.6 Adjusted
(772.8)m (420.5)m Unadjusted

State Plane Coordinates (VI):

*X = 2,318,484.99**Y = 58,492.58**N.C. single zone*

Military Grid Zone (VI) - "B"

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
8097 to 8100 Inc.	4/1/42	11:42a.m.	1:20,000	0.3' above M. L. W.
8102 to 8106 Inc.	4/1/42	11:57a.m.	1:20,000	0.1' above M. L. W.

Tide from (III): Predicted tables, reference station Charleston, S. C.
with time corrections for Cape Fear, N. C.
Mean Range: 4.5' Spring Range: 5.1'

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

Field Inspection by: Walter W. Doeringsfeld Date: Spring, 1943

Field Edit by: Louis Levin date: Aug. 1943

Date of Mean High-Water line location (III):

Same as date of photographs

Projections and Grids ruled by (III) Washington Office date: January, 1943

" " " checked by: Washington Office date: January, 1943

Control plotted by: J. Edward Deal, Jr. date: May 4, 1943

Control checked by: Joseph Steinberg date: May 4, 1943

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

Detailed by: Albert C. Rauck, Jr. date: June 19, to
July 23, 1943

Reviewed in compilation office by: Henry P. Eichert date: July 23, 1943

Elevations on Field Edit Sheet
checked by: Louis Levin

date: Aug 21, 1943

STATISTICS (III)

Land Area (Sq. Statute Miles): 15 sq. Statute Miles

Shoreline (More than 200 meters to opposite shore): 48 Statute Miles

Shoreline (Less than 200 meters to opposite shore): 24 Statute Miles

centerline of streams only

Number of Recoverable Topographic Stations established: 10
(5 Bench marks and 5 non-floating aids to navigation,
(established by radial intersections.))

Number of Temporary Hydrographic Stations located by radial
plot:

None

Leveling (to control contours) - miles: 18 m.

Roman numerals indicate whether the item is to be entered
by, (II) Field Party, (III) Compilation Party, or, (VI) the Wash-
ington 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. 275, 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:

PREPARATION OF BASE MAPS

Assembly into quadrangle base sheets by photographic means of previously produced planimetric maps of the area. These maps were compiled by this Bureau from aerial photographs taken in 1934 and were published in 1935 on the scale of 1:20,000. Lithographic prints of the quadrangle base sheets on cloth-mounted paper were furnished to the field parties and similar prints in red ink on celluloid sheets were furnished to the compilation office.

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. The field parties were permitted to make field inspection notes either on the photographs or on the planimetric base sheet.

Contouring by planetable, directly on the photographs or on the planimetric base sheet at the option of the field party. The contouring for this quadrangle was done on the planimetric base sheet and supplemented by 9 lens photographs taken in April 1942.

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

COMPILATION OF MANUSCRIPT

Revision of the planimetric base map from the new photographs and addition of contours and corrections obtained by the field parties. A ~~new~~ radial plot was made for this work, using a red-line print as a base.

FIELD EDIT

Comparison of a copy of the corrected 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 8196
PROJECT CS-275
F. L. Gallen, Chief of Party

1. This quadrangle lies on both sides of the Cape Fear River, and north and east of Southport, N.C. The topography of the western shoreline is essentially the same as described in the report for quadrangle 8197. The peninsula that lies in the center is composed mostly of sand and mud.

The vegetation on the western side of the Cape Fear River is chiefly pine, while that on the peninsula is pine and scrub oak.

The River Road to Wilmington extends through the western part of the quadrangle, while a good hard-surface road runs along the eastern side of the peninsula into Fort Fisher. Fort Fisher extends to the end of the peninsula.

2. Field inspection is believed to be complete.

3-4-5-6. See the report for Quadrangle T-8184.

7-8-9-10-11-12-13. See the report for Quadrangle T-8197.

14. See the report for Quadrangle T-8184 .

15. See the report for Quadrangle T-8197.

16. All buildings have been located using the same method except for those within the boundaries at Fort Fisher.

17. The area on the east side of the Cape Fear River lies in New Hanover County, while that on the west side lies in Brunswick County. The northern limits of Fort Fisher have been indicated on the photographs.

The political boundaries will be added at the time of field edit.

18. Geographic names is the subject of a separate report for this Quadrangle. ✓

19. The junctions to the south with Quadrangle 8203, and to the west with Quadrangle 8197, are both on overlapping photographs. The junctions were checked in the field, and should be satisfactory. There are no modern surveys to the west and north.

Approved and forwarded

F. L. Gallen

F. L. Gallen

Chief of Party

Submitted by:

Walter W. Doeringsfeld per F.L.G.

Walter W. Doeringsfeld

Jr. Topo. Engineer

26 CONTROL:

Twelve Triangulation Stations were used as control to establish the secondary and detail control points for this map manuscript. Seven of these twelve stations are within the detailed limits of this map manuscript. They are:

BALDHEAD SHOAL RANGE, FRONT, 1934
BALDHEAD SHOAL RANGE, REAR, 1934
CORN, 1923, 1933
NAT, 1923
PRICES CREEK BUG LIGHT, 1886
QUARANTINE STATION WATER TANK, 1922
SUNNY POINT (C.O.) R. M. 1913, 1917, 1933

The five stations outside the detailed limits of this map manuscript are:

STACK, FORT CASWELL, 1932
TOWER, FORT CASWELL, 1913, 1923, 1934
SOUTHPORT WATER TANK, 1932
STACK, ETHYL DOW CHEMICAL COMPANY, 1934
TANK, ETHYL DOW CHEMICAL COMPANY, 1934

In addition to these twelve triangulation stations, there are twelve other triangulation stations which were evidently used as control by the parties responsible for the 1935 compilation. They are:

CAKE, 1887
C.O. (U.S.E.), 1922 rec. 1933
FEDERAL POINT, 1917
FORT, 1917 rec. - Fort Z, 1923, 1943
PETERS POINT, 1917 rec. 4
POST, 1887
REAVES POINT, 1917 lost
SMITH, 1934
SMITH ISLAND RANGE FRONT BEACON, 1934
SMITH ISLAND REAR RANGE BEACON, 1934
THREE CEDARS, rec. 1905
ZEKES ISLAND, lost 1922

These twelve triangulation stations were not recovered by the 1942-1943 field inspection party and therefore could not be used as control for this map manuscript.

27 RADIAL PLOT:

The radial plot for this map manuscript is described in Section 4 of the descriptive report of the radial plots for Projects CS-275 & 284 which has been submitted to the Washington Office.

28 DETAILING:

Sufficient field inspection data was provided for the interpretation of the photographs used to detail this map manuscript.

The compilation office was furnished a red-line print on celluloid, of a survey made in 1935. This survey covered most of the area inside the limits of the map manuscript. A small area, approximately one mile square, in the northwest corner of the map manuscript, was not covered by the 1935 Survey.

After numerous well-defined points had been established by radial intersections, it was found necessary to relocate some of the detail shown on the red-line compilation.

New roads were added and roads relocated since 1935 were corrected. Tree lines were corrected due to additional growth and cleared areas. Buildings were added according to the field inspection and visual examination of the photographs.

Very few swamp or low ground areas appear on this map manuscript. Where stereoscopic examination indicated swamp or low ground areas, they were detailed and shown with the fresh water swamp symbol.

Drainage data as furnished by the field inspection party was carefully verified by stereoscopic examination of the office photographs, and was found to be in good agreement with office interpretation.

The field party furnished the compilation office two blue-prints showing a large amount of new construction at Fort Fisher, N. C. beyond that which was in existence at the time the nine lens photographs were taken. A letter accompanying these blue-prints stated that all buildings, as shown on these blue-prints, were built or were under construction.

The roads in that part of the area of Fort Fisher, N. C. appearing on the 1942 nine lens photographs, were detailed on the map manuscript directly from the photographs. A comparison was then made with the roads in the same area as shown on the blue-prints and they were found to be in good agreement.

The 500' grid system shown on the blue-prints was transferred to the map manuscript by using the common roads, of the blue-print and map manuscript, as a base. The roads and most of the buildings not appearing on the photographs, were then transferred to the map manuscript by using the common grids.

The buildings in the hospital unit at Fort Fisher were transferred to the map manuscript by use of the projector. A series of reductions was necessary.

28 DETAILING: (cont'd)

Due to the density of the buildings in the area of Fort Fisher, no attempt has been made to designate the type or names of buildings, shown on the map manuscript. The blue-prints of Fort Fisher, showing the names and types of these buildings, will be submitted with this map manuscript.

29 SUPPLEMENTAL DATA:

The following previous topographic surveys made by the U. S. Coast & Geodetic Survey, cover portions of this map manuscript:

<u>Survey No.</u>	<u>Dated</u>	<u>Scale</u>
T-344 BIS	1851, 52, 56	1:10,000
T-345	1851	1:10,000
T-346	1851, 56	1:10,000
T-446	1853	1:10,000
T-621	1857, 88	1:10,000
T-708	1858	1:10,000
T-709	1858	1:10,000
T-999	1865	1:10,000
T-1161a	1878	1:20,000
T-1161b	1879	1:20,000
T-1756	1887	1:10,000
T-1771	1887	1:10,000
T-1995	1865	1: 5,000
T-3439	1914	1:20,000
T-4042	1923	1:20,000
T-4248	1926	1:20,000

These surveys were not available to the compilation office.

The compilation office was furnished the following:

One copy of the North Carolina State Highway & Public Works
Commission Map of Brunswick County.

One copy of the North Carolina State Highway & Public Works
Commission Map of New Hanover County.

*Two copies, Layout Plan, Station Hospital, Fort Fisher, N. C.

*Two copies, Layout Plan, Fort Fisher, Camp Davis, North Carolina

*One copy of each of the above plans were field inspected and furnished the compilation office by the field party.

30 MEAN HIGH-WATER LINE:

The stage of tide of all the photographs used in the process of detailing this map manuscript, was computed and found to be at or near mean low-water.

The high- water line was delineated from data provided by the field inspection party and careful stereoscopic examination of the office photographs. Some changes were made in the high-water line of the 1935 compilation.

In several instances, the field inspection party located the high-water line, by measurements from the high-water line to some well-defined point of detail, such as a bush or tree. These points of detail were easily discernible on the photographs and the distances given by the field inspection party, could be accurately scaled.

31 LOW-WATER AND SHOAL LINES:

Low-water lines have been detailed by office examination of the photographs, with the aid of the field inspection data.

No shoal lines were identified by the field inspection party, but all shoal lines visible on the photographs were detailed and labeled.

32 DETAILS OFFSHORE FROM THE HIGH-WATER LINE:

The field inspection report for this quadrangle indicates there are no offshore details on this map manuscript. The compilation office has found such detail, namely the Quarantine Station, east of Southport and the concrete breakwater dam in the Cape Fear River near Corncake Inlet.

33 WHARVES AND SHORELINE STRUCTURES:

Two large piers are shown on this map manuscript in the vicinity of Kure Beach and Fort Fisher. These piers were identified by the field inspection party and were easily discernible on the photographs.

34 LANDMARKS AND AIDS TO NAVIGATION:

Five non-floating aids to navigation, not identified by the field inspection party, are shown in the Cape Fear River, on this map manuscript. These five aids to navigation could be plainly seen on the photographs and their positions were established by radial intersections.

The names and descriptions of these aids to navigation are shown in the 1943 edition of the U. S. Coast Guard Light List of the Atlantic and Gulf Coasts of the United States, and their positions were previously

34 LANDMARKS AND AIDS TO NAVIGATION: (cont'd)

charted and shown on U. S. Coast & Geodetic Survey Charts Nos. 424, and 1236, reissued December 5, 1942, and 834, published in 1936.

They are:

HORSESHOE SHOAL CHANNEL RANGE REAR LIGHT, occulting white, 10 sec.
HORSESHOE SHOAL CHANNEL RANGE FRONT LIGHT, flashing white, 1 sec.
REAVES POINT CHANNEL RANGE REAR LIGHT, occulting white, red sector, 10 sec.
REAVES POINT CHANNEL RANGE FRONT LIGHT, flashing white, 1 second
UPPER MIDNIGHT CHANNEL RANGE REAR LIGHT, occulting white, 10 sec.

The positions and descriptions of these five aids to navigation are being submitted on Forms 567 and 524, > Filed in Nautical Charts under Chart Letter 468-'43

There are two other aids to navigation, shown on U. S. Coast & Geodetic Charts Nos. 424, 834 and 1236, which fall within the limits of this map manuscript.

These have not been identified by the field inspection party and as they could not be seen on the photographs, no position could be established for them. These two aids to navigation are:

UPPER MIDNIGHT CHANNEL RANGE FRONT LIGHT
SNOW MARSH CHANNEL LIGHT 21, flashing green, 4 sec.

35 HYDROGRAPHIC CONTROL:

The five non-floating aids to navigation, listed in Paragraph 34, are available for control, for future hydrographic surveys in this vicinity as long as they remain in position.

36 LANDING FIELDS AND AERONAUTICAL AIDS:

No data was available to the compilation office, concerning landing fields or aeronautical aids within the limits of this map manuscript.

37 DISCREPANCY OVERLAY:

A discrepancy overlay has been prepared to accompany this map manuscript. On it are notes calling attention to disagreements of field inspection data between two field inspection photographs which covered the same area. Other notes which are deemed likely to be helpful to the field edit party are included. A set of general notes have been added to aid in the interpretation of symbols and abbreviations shown on the map manuscript.

37 DISCREPANCY OVERLAY: (cont'd)

As the names or numbers of bench marks have not been shown on the map manuscript, they have been circled and labeled on the discrepancy overlay. This is to enable the compilation office to locate and name these bench marks, when scaling their geographic positions from the red-line print of this map manuscript.

39 GEOGRAPHIC NAMES:

A geographic name list, showing undisputed names, has been prepared and is attached to this descriptive report.

The geographic names which fall within the area of the 1935 compilation, were field inspected in April, 1942 and forwarded to the Washington Office in May, 1942.

Those geographic names in the area outside the 1935 compilation were shown on a copy of the North Carolina State Highway and Public Works Commission, map of Brunswick County furnished to the compilation office by the field inspection party.

40 HORIZONTAL ACCURACY:

The horizontal accuracy of this map manuscript is believed to be within the limits set forth, for well-defined points and less well-defined points of detail, in the instructions for Project CS-275, Paragraph 36; dated January 23, 1942.

41 RECOMMENDATIONS FOR FUTURE SURVEYS:

The planimetric detail, as presented on this map manuscript, is believed to be complete, including all field inspection data; and careful interpretation of the photographs where field data was lacking. It is subject to revision, deletion and additions by the field edit party.

42 JUNCTIONS:

The following complete junctions have been made:

To the West, with Map Manuscript for Survey No. T-8197
To the South, with Map Manuscript for Survey No. T-8203
To the East is the Atlantic Ocean.

42 JUNCTIONS: (cont'd)

A comparison of junction was made to the north, with a photostatic copy of the North Carolina, Wilmington Quadrangle (grid zone B) Corps of Engineers, U. S. Army Tactical Map, scale 1:62,500 dated 1922.

This copy was enlarged by use of the projector, until the desired scale was reached. The junction was then compared and found to be in disagreement at all common points. The high-water line along the Atlantic Coast failed to agree by approximately 150 meters, while the high water lines at Longitudes $77^{\circ} 55' +$ and $77^{\circ} 57' +$ disagreed by approximately 60 meters.

The highway running along the peninsula to Fort Fisher, did not agree by approximately 100 meters, and the River Road to Wilmington, visible on the photographs was not shown on the photostatic copy.

A stream at Longitude $77^{\circ} 59' +$ was shown on the photostatic copy of the tactical map. Field inspection data and stereoscopic examination of the photographs, did not reveal any drainage at this position, and the only stream near this vicinity is Governors Creek, which is shown on this map manuscript, approximately 450 meters to the east of the position shown on the photostatic copy.

43 REMARKS:

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

44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

No existing topographic quadrangles of this area were available to the compilation office, but comparison was made with copies of the maps of The North Carolina State Highway and Public Works Commission of Brunswick And New Hanover Counties. Due to the lack of minute detail on these maps only a comparison of shorelines and common highways could be made. These were found to be in fair agreement.

45 COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with U. S. Coast & Geodetic Survey Charts No. 424, scale 1:40,000, reissued December 5, 1942; No. 1236, scale 1:80,000, reissued December 5, 1942; No. 835, scale 1:40,000, reissued April 15, 1943 and No. 834, scale 1:40,000, published February, 1936.

45 COMPARISON WITH NAUTICAL CHARTS: (cont'd)

With the exception of the change that has occurred at Corneake Inlet, the agreement is good.

These four charts indicate that there are two wrecks on the sand bar just south of Striking Island. These two wrecks could not be seen on the photographs, and were not indicated on the field inspection. Therefore, they were not detailed.

Respectfully submitted,
July 21, 1943

Albert C. Rauck, Jr.
Albert C. Rauck, Jr.
Sr. Photogrammetric Aid

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

Henry P. Eichert
Henry P. Eichert
Jr. Photogrammetric Engineer

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:
July 23, 1943

Fred. L. Peacock
Fred. L. Peacock
Commander, C & G Survey
Officer-in-Charge
Baltimore Photogrammetric Office

LIST OF GEOGRAPHIC NAMES

(only those in
area not covered
by first report).

Undisputed

✓ Fishing Creek

✓ Governors Creek

FIELD EDIT REPORT
T-8196
PROJECT CS-275

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

The following color scheme was used:

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

47. The position and amount of detail on this map manuscript is believed to be complete and adequate.
48. A horizontal accuracy test was run in quadrangle No. 8198.

Vertical accuracy tests are the subject of a special report for project CS-275 and 284.

Submitted by

Louis Levin per J. A.
Louis Levin
Photogrammetric Aid

Approved and Forwarded

F. L. Gallen

F. L. Gallen
Chief of Party

Political boundaries were added by the field edit party without comment in the field edit report. Presumably they were taken from the boundary maps furnished by the Bureau of the Census and verified by the field edit party.

(H. Morley)

T-8196

No. 1

Remarks

Decisions

1		338780
2		
3		
4		
5		
6	See Field Inspection Report, also T-8197	
7		Road Maps
8	Not Raleigh Bay (which is to northeastward; Cape Lookout to Cape Hatteras)	
9		
10		338779 U.S.G.B.
11	(Not Lighthouse Creek)	" "
12		" "
13		" "
14		"
15		"
16		"
17		"
18		"
19		339779
20		"
21		"
22		"
23		"
24		"
25		"
26		"
27		"

GEOGRAPHIC NAMES

Survey No. T-8196

SNOW MARSH 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	
✓ Cape Fear River	✓								1
✓ Brunswick County	✓								2
✓ New Hanover County	✓								3
✓ Smithville Twp	(Brunswick Co.)								4
✓ Federal Point Twp	(New Hanover Co.)								5
✓ River Road	✓	(Southport	to Wilmington,	near Cape Fear R.					6
✓ U.S. 421	✓	(as far south as Fort Fisher)							7
Wilmington Bay ✓ Onslow Bay		(Cape Fear to Cape Lookout)				✓			8
									9
✓ Smith Island	✓								10
✓ Baldhead Creek	✓								11
✓ Cape Creek	✓	(as on name sheet No. 25)							12
✓ Bay Creek	✓	"	"	"					13
✓ Deep Creek	✓	"	"	"					14
✗ Yellow Bluff	✓	showned	in T-8203						15
✓ Bay Beach	✓								16
✓ Buzzard Bay	✓								17
✓ Cedar Creek	✓								18
✓ The Thorofare	✓								19
✓ Cornsake Inlet	✓								20
✓ Muddy Slue	✓								21
✓ Still Creek	✓								22
✓ Burriss Creek	✓								23
✗ Pig Fish Creek		too small							24
✓ Bowensville Creek	✓								25
✓ Middle Creek	✓								26
✓ Shellbed Creek	✓								27

T-8196

No. 2

Remarks

Decisions

1		339779
2		II
3		II
4		II
5		II
6		II U.S.G.B.
7		II
8		II
9	Not shown	II
10		II
11		II
12		II
13		II
14		II
15		II
16		II
17		II
18		II
19		II
20		II
21		II
22		II
23		II
24		II
25		II
26		II
27		II

GEOGRAPHIC NAMES

Survey No. T-8196

GEOGRAPHIC NAMES											
Survey No. T-8196											
		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		
2	Name on Survey	A,	B,	C,	D	E	F	G	H	K	
✓	<u>False Channel</u>	✓									1
✓	<u>Striking Island</u>	✓									2
✓	<u>National Quarantine</u>	✓									3
✓	<u>Deep Water Point</u>	✓									4
✓	<u>Bowensville</u>	(locality)		?							5
✓	<u>Price Creek</u>	✓									6
✓	<u>The Rocks</u>	(breakwater)									7
✓	<u>Carolina Shoal Beach</u>	✓									8
✓	<u>Sheephead Rock</u>										9
✓	<u>Zekes Island</u>	✓									10
✓	<u>The Basin</u>	✓									11
✓	<u>Federal Point</u>	✓									12
✓	<u>Battery Buchanan</u>	✓									13
✓	<u>Fort Fisher</u>	✓									14
✓	<u>Wilmington Beach</u>	✓									15
✓	<u>Kure Beach</u>	✓									16
✓	<u>Peters Point</u>	✓									17
✓	<u>Reaves Point</u>	(partly on this quadrangle)									18
✓	<u>Battery Lamb</u>	✓									19
✓	<u>Sunny Point</u>	✓									20
✓	<u>Snow Marsh</u>	✓									21
✓	<u>Snow Point</u>	✓									22
✓	<u>Walden Creek</u>	✓									23
✓	<u>Governors Creek</u>	✓									24
✓	<u>Nancys Creek</u>	✓									25
✓	<u>Nigis Creek</u>	✓									26
✓	<u>White Spring Creek</u>	too small									27

name shown in Wilmington Quadrangle

Not on this quad - shows on 8197

M 234

name shown in Wilmington Quadrangle

Not on this quad - shows on 8197

T-8196

No. 3
Decisions

Remarks

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GEOGRAPHIC NAMES

Survey No. T-8196

3	Name on Survey	A, On Chart No.	B, On previous survey No.	C, On U. S. quadrangle Maps	D, From local information	E, On local Maps	F, P. O. Guide or Map	G, Rand McNally Atlas	H, U. S. Light List	K	
✓	Gum Log Branch	✓									1
✓	Fishing Creek	✓									2
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by L. Heck 11/24/43

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~~ 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- 8196

SNOW MARSH 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

There is neither a horizontal nor a vertical accuracy test in this area.

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.

T-344 BIS	1:10,000	1851,52,56	T-1464a	1:20,000	1878
T-345	1:10,000	1851	T-1464b	1:20,000	1879
T-346	1:10,000	1851,56	T-1756	1:10,000	1887
T-446	1:10,000	1853	T-1771	1:10,000	1887
T-621	1:10,000	1857,88	T-1995	1: 5,000	1865
T-708	1:10,000	1858	T-3439	1:20,000	1914
T-709	1:10,000	1858	T-4042	1:20,000	1923
T-999	1:10,000	1865	T-4248	1:20,000	1926

Comparison with Nautical Charts Nos. 1236, 424, 835.

The manuscript had 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:

The agreement of these charts with the map manuscript was good. A change has occurred at Corncake Inlet.

(The map manuscript has been applied to charts 1236 and 424 since review.)

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 10-15-43
under direction of D. H. Benson

By Lillian A. Lee

Inspected by B. G. Jones B.G. Jones 12/45

Examined and approved:

K. F. Adams
Chief, ~~Surveys Branch~~
Division of Photogrammetry

Chief, Topography Section

Robert W. Allen
Chief, Div. of Charts
~~Nautical Chart Branch~~
Raymond E. Egan
Chief, Div. of Coastal
Surveys