

8996

Diag. Cht. Nos. 1110 & 1231-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey TOPOGRAPHIC

Field No. Ph-20(17) Office No. T-8996

LOCALITY

State NORTH CAROLINA

General locality PAMLICO COUNTY

Locality BAY RIVER, JONES BAY

DATA RECORD

T-8996

Project No. (II): **Ph-20(47)**

Quadrangle Name (IV):

JONES BAY, N.C.

Field Office (II): **Washington, N.C.**

Chief of Party: **Riley J. Sipe**

Photogrammetric Office (III): **Tampa, Florida**

Officer-in-Charge: **Ross A. Gilmore**

Instructions dated (II) (III): **23 July 1948**

Copy filed in Division of
Photogrammetry (IV)

Office Files

Method of Compilation (III): **Graphic**

Manuscript Scale (III): **1: 20,000**

Stereoscopic Plotting Instrument Scale (III):

Scale Factor (III): **None**

Date received in Washington Office (IV): **2-13-50**

Date reported to Nautical Chart Branch (IV): **2-15-50**

Applied to Chart No.

Date:

Date registered (IV): **13 Jan 1953**

Publication Scale (IV): **1: 24,000**

Publication date (IV): **1950**

Geographic Datum (III): **N.A. 1927**

Vertical Datum (III):

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): **SPENCER, 1935**

Lat.: **35° 14' 40.376" (1244.3m)**

Long.: **76° 33' 40.193" (1016.2m)**

Adjusted
~~EXAGGERATED~~

Plane Coordinates (IV):

State: **North Carolina** Zone:

Y = 552,859.13 feet

X = 2,728,105.36 feet

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.

CONTOURS BY:

M. A. STEWART

AND

E. L. WILLIAMS

Areas contoured by various personnel
(Show name within area)
(II) (III)

DATA RECORD

Field Inspection by (II): **M.A. Stewart and E. L. Williams**

Date: **Oct. 1948**

Planetable contouring by (II): **M.A. Stewart and E.L. Williams**

Date: **Oct. 1948**

Completion Surveys by (II): **C.A. Navin**

Date: **May 1950**

Mean High Water Location (III) (State date and method of location): **Aug. 1948 identified on photographs .**
Air Photo Compilation .

Projection and Grids ruled by (IV): **S.R. (W.O.)**

Date: **June 8, 1948**

Projection and Grids checked by (IV): **T. L. J. (W. O.)**

Date: **June 8, 1948**

Control plotted by (III): **R.R. Wagner**

Date: **Sept. 29, 1948**

Control checked by (III): **B.F. Lampton**

Date: **Oct. 5, 1948**

Radial Plot ~~of Stereoscopic~~

Date: **Dec. 1948**

~~of Stereoscopic~~ by (III): **M.M. Slavney**

Planimetry

Date: _____

Stereoscopic Instrument compilation (III):

Contours

Date: _____

Manuscript delineated by (III): **J. C. Richter**

Date: **Feb. 1949**

Photogrammetric Office Review by (III): **J.A. Giles**

Date: **April 1949**

Elevations on Manuscript

checked by (II) (III): **J.A. Giles (III)**

Date: **April 1949**

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

Number	Date	Time	Scale	Stage of Tide
15899	4-1-46	12:03	1: 20,000	No periodic tide
15900	"	12:05	"	
21652	1-26-48	3:00	"	
22334	3-30-48	Clock stopped	"	

Tide (III)

Reference Station: **No periodic tide ***
 Subordinate Station:
 Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range

Washington Office Review by (IV): **J. L. RINN**

Date: **APR 1951**

Final Drafting by (IV): **USGS**

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV): **Everett H. Ramey**

Date: **7 Mar 1952**

Land Area (Sq. Statute Miles) (III): **33**
 Shoreline (More than 200 meters to opposite shore) (III): **64.3 mile**
 Shoreline (Less than 200 meters to opposite shore) (III): **19.4 mile**
 Control Leveling - Miles (II): **10**
 Number of Triangulation Stations searched for (II): **34**
 Number of BM's ~~recovered~~ (II): **Established 3**
 Number of Recoverable Photo Stations established (III): **18**
 Number of Temporary Photo Hydro Stations established (III): **None**

Recovered: **16** Identified: **11**
 Recovered: **—** Identified: **3**

Remarks:

*** The periodic tide is less than 1/4 foot.**

5°45'

LINE

STATION

PT.

76

31

S

5'

H

H

H

H

BAY

5'

5°

Summary to Accompany T-8996

Topographic map T-8996 is one of a series of 32 maps in project Ph-20(47), a graphic compilation project, and covers part of Bay River. The field operations included complete field inspection and planetable contouring on 1:20,000 scale nine-lens photos. A manuscript was compiled and completely field-edited.

The map is to be published by the U. S. Geological Survey at a scale of 1:24,000 as a standard $7\frac{1}{2}$ ' minute quadrangle. The registered copies under T-8996 will include the original descriptive report, a cloth-mounted print of the manuscript at scale 1:20,000 and a cloth-mounted color print of the published map at scale 1:24,000.

FIELD INSPECTION REPORT
 Quadrangle T-8996
 (35-15/76 - 30/7.5)
 Project Ph-20(47)
 Riley J. Sipe, Chief of Party

The field work for this quadrangle was done in accordance with the Director's Instructions, Project Ph-20(47), Field, dated 23 July 1948 and other instructions as noted herein. The field work was accomplished by the following personnel.

<u>Name & Title</u>	<u>Phase</u>	<u>Date</u>
M. A. Stewart	Levels	
Engr. Aid	Contours	
	Field Inspection	July, 1948
	Third-order Levels	Sept to Oct. 1947
E. L. Williams	Levels	
Engr. Aid	Contours	
	Horizontal Control	May, 1948
	Recovery	to
	Shoreline and Field	August, 1948
	Inspection	

1. DESCRIPTION OF THE AREA:

This quadrangle is in Pamlico County, North Carolina with the exception of a small portion in the northwestern corner of the quadrangle which falls in Beaufort County. Bay River divides the land area of the quadrangle roughly into north and south halves. Jones Bay, located within the north half, is the other major body of water in the quadrangle. A canal, part of the Intracoastal Waterway, extends from Bay River northward to the west end of Jones Bay. The land area south of Bay River is about half marsh and half fast land; as is the land area north of bay River. The majority of the fast land is inaccessible and not arable in its present state. The land that is under cultivation is drained with numerous ditches.

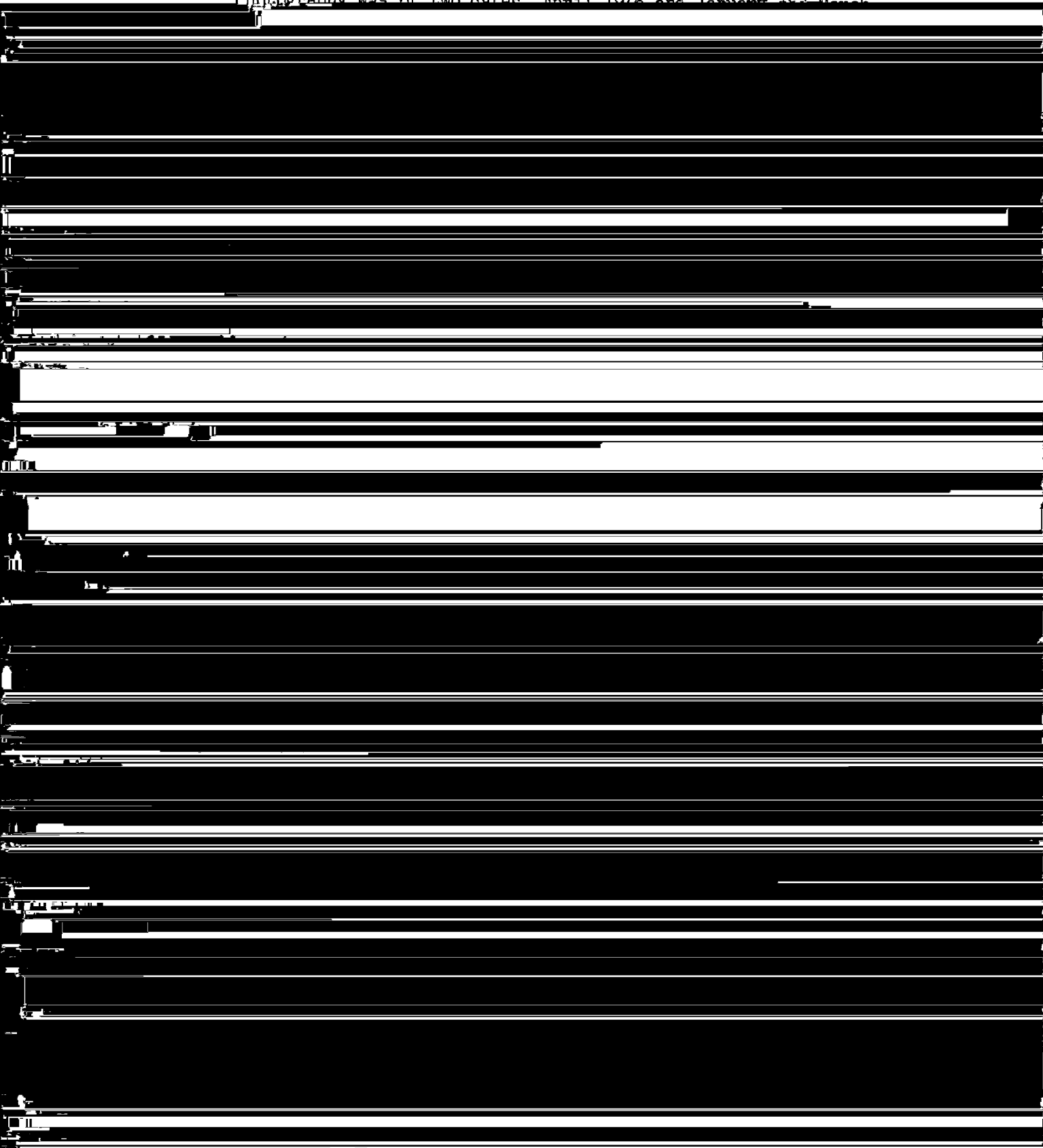
Hobucken, a fishing village, is the only community in the limits of the quadrangle.

2. COMPLETENESS OF FIELD INSPECTION:

Field inspection of the quadrangle is complete and all features are adequately classified and identified on the photographs.

3. INTERPRETATION OF THE PHOTOGRAPHS:

Photography was of two dates April 1946 and January and March



there is no periodic tide.

9. WHARVES AND SHORELINE STRUCTURES:

Adequately covered by photographs.

10. DETAILS OFFSHORE FROM THE HIGH-WATER LINE:

Duck blinds, all of which are of a temporary nature, were disregarded.

11. LANDMARKS AND AIDS TO NAVIGATION:

The one landmark in the quadrangle has been destroyed. No new landmarks have been listed to be changed.

One light was identified directly on the photographs. Two day-beacons were located by a direction and distance from points identified close by. All other fixed aids were located by theodolite cuts from triangulation stations.

12. HYDROGRAPHIC CONTROL:

At no place along the shore does the interval between triangulation stations, daybeacons, lights, and topographic stations exceed 1.8 mile. In most areas the control is much closer.

13. LANDING FIELDS AND AERONAUTICAL AIDS:

There are no landing fields or aeronautical aids in this quadrangle.

14. ROAD CLASSIFICATION:

All roads were classified in accordance with Photogrammetry Instructions No. 10, dated 14 April, 1947, as amended 24 October 1947.

15. BRIDGES:

All bridge information for the area covered by this report as listed in the U. S. Engineers' List of Bridges Over Navigable Waters in the U. S. dated 1 July 1941 was verified in the field, all clearances were carefully measured with a steel tape, and the published descriptions and clearances were found to be correct.

16. BUILDINGS AND STRUCTURES:

Adequately covered on the photographs.

17. BOUNDARY MONUMENTS AND LINES:

A boundary monument for Beaufort & Pamlico County may exist in the quadrangle. It can most easily be recovered and identified by running south from the Aurora Hobucken Road in Quadrangle T-8990. It is recommended that this be done by the field editor.

For legal descriptions of all boundaries in this project, see Special Boundary Report by Wilber H. Nelson which will be submitted at a later date. Filed in Div. Photogrammetry general files.

18. GEOGRAPHIC NAMES: *Q14*

This will be the subject of a special report which will be submitted by Wilber H. Nelson at a later date. Filed in Geographic Names Section, Div. of Charts.

Date:
12 Aug. 1948
Submitted by:

E. L. Williams
E. L. Williams
Engr. Aid

Date:
12 Aug. 1948
Approved by:

Riley J. Sipe
Riley J. Sipe
Chief of Party

PHOTOGRAMMETRIC PLOT REPORT

21. AREA COVERED

This report is on Photogrammetric Plot No. 1 of Ph-20(47) North Carolina. This plot included quadrangles T-8989, T-8990, T-8991, T-8995, T-8996 and T-8997.

The sketch, on page 15 of this report, shows the arrangement of the quadrangles, the junction with T-8723, T-8724, and T-8725 of Ph-5(45), the project limits, the centers of the photographs used, and the control identified for use in this photogrammetric plot.

All the quadrangles are $7^{\circ} 30''$ in latitude and longitude with the 10,000 foot intervals of the North Carolina Lambert Coordinates ruled on the projections. All the projections are polyconic at 1: 20,000 scale.

22. METHOD

The plot was laid using hand templates in the radial plot method.

The base grids, upon which this photogrammetric plot was laid, were of vinylite ruled with the 10,000-foot intervals at 1: 20,000 scale. Sufficient grids were joined to encompass all the control identified for this plot and to extend into the area covered by Main Radial Plot No. 7 of Ph-5(45)C. The sketch on page 15 of this report shows the base grid area used.

All the horizontal control recovered or established by the field party was plotted on the projections and checked. Substitute stations identified for controlling the photogrammetric plot were plotted graphically unless the substitute station was more than 1,000 feet from the main station, or more than one instrument set-up was made; in which case, position computations were made and the station plotted conventionally and checked.

Control to be used in the plot was transferred from the quadrangle projections to the base grid by matching the plane coordinate grid lines of the quadrangles with those of the base grid. Identified control that fell outside the projection limits was plotted on the base grids in the conventional way and checked.

The photographs furnished for this plot were nine-lens at approximately 1: 20,000 scale, numbered as follows:

15899 - 15903 inclusive
 15918 - 15920 "
 15953
 21627 and 21628
 21630
 21654
 22195 - 22197 inclusive
 22222 and 22223
 22238 - 22245 inclusive
 22331 - 22336 "
 24126 - 24133 "

The 15,000 series photographs were flown for Ph-5(45) and master templet 16445 was used for correcting transforming errors and paper distortion.

Correction of transforming errors and paper distortion was accomplished on the 21,000 and 22,000 series photographs with master templet 21682, and on the 24,000 series photographs master templet 22561 was used.

Pass points were selected in a regular scheme to assist in strengthening the plot and guarantee sufficient pass points in all photograph chambers. The selection and transfer of pass points was continued north from Ph-5(45) to insure junction with that work.

The templets used in this plot were vinylite.

This photogrammetric plot was continued north from the junction with the limits of T-8723, T-8724, and T-8725 of Ph-5(45)C North Carolina. Development of the plot was conventional; templets rigidly fixed on "Positively" identified control were laid first, then progressing through those with weaker fixes and finally bridging those with least control.

It was originally planned that the radial plot for the six quadrangles comprising this plot should be completed at approximately the same time, but diversion of the field work to other parts of the project delayed the final plot along the north limits of T-8989, T-8990, and T-8991.

The final laydown of this plot gave tight intersections on pass points, all of which were fixed by cuts from four or more photographs that gave strong fixes. This photogrammetric plot is considered strong. Work on some of the quadrangles with field location of Aids to Navigation by angles off photo points whose position were established by the plot gave good results.

Of the 62 horizontal control stations provided for this plot, all gave tight intersections on the final laydown but two did not hold their field geographic position. These are discussed under Item 23 (ADEQUACY OF CONTROL).

Intersections for all points located by the radial plot were circled on the plot before transfer to the map manuscripts. The map manuscripts were superposed on the plot with the grid coordinate lines of the manuscripts matching those of the base grids for transfer of the photogrammetric points and photograph centers.

Before assignment for delineation an extra check on the plot was made by checking all photographs in place under the map manuscripts. The dates of completion of the map manuscripts are:

T-8995, T-8996, and T-8997 on December 21, 1948
 T-8989 and T-8990 on November 25, 1949
 T-8991 on November 28, 1949

23. ADEQUACY OF CONTROL

Sixty-two horizontal control stations were recovered and identified for use in this plot and they are considered adequate. Two were not used, EAST HOLTON EAST GABLE WHITE HOUSE 1935 (No. 50 on the sketch), and BAPTIST CHURCH SPIRE 1935 (No. 52 on the sketch), because they were very close to two other identified stations.

Of the remaining sixty control stations all but two were held on the plot, these two are herewith discussed:

1. Substitute Station DURHAM 1933 (No. 21 on the sketch) in T-8979 was identified and given a "Doubtful" classification in the field. The intersection for this station on the plot is about .8mm (16 meters) west of the field position.

2. On T-8989 Substitute Station LONG 1935 (No. 23 on the sketch), classified as "Doubtful", gave an intersection .5mm (10 meters) north east of the field position. The tree pricked in the field on photograph No. 22195 as the Substitute Point has a companion tree about .5mm (10 meters) south west which was probably the one to which measurements were made in the field.

PAMLICO POINT LIGHTHOUSE, 1909 was recovered as "Destroyed", the lighthouse was rebuilt in 1940 according to the light list. Information from the field party was that the light had been rebuilt on the original base. It was requested that the radial plot check the position of the new light. The light, as identified, held the 1909 position, but because its value as a triangulation station is destroyed the light is shown on the manuscript with a 2.5mm circle.

24. SUPPLEMENTAL DATA

Inapplicable

25. PHOTOGRAPHY

The photographs used in this plot are nine-lens and are the product of three different photographic missions. All are good photographically but not of particularly good scale. Coverage, overlap, and definition are adequate. On some photographs one or two collimation marks were obliterated but special precaution was taken and the results seem satisfactory.

Tilt was computed for the most severely tilted photograph and ascertained to be less than one degree, not enough to affect its use with the mechanical center.

Milton M. Slavney

Milton M. Slavney
Cartographer

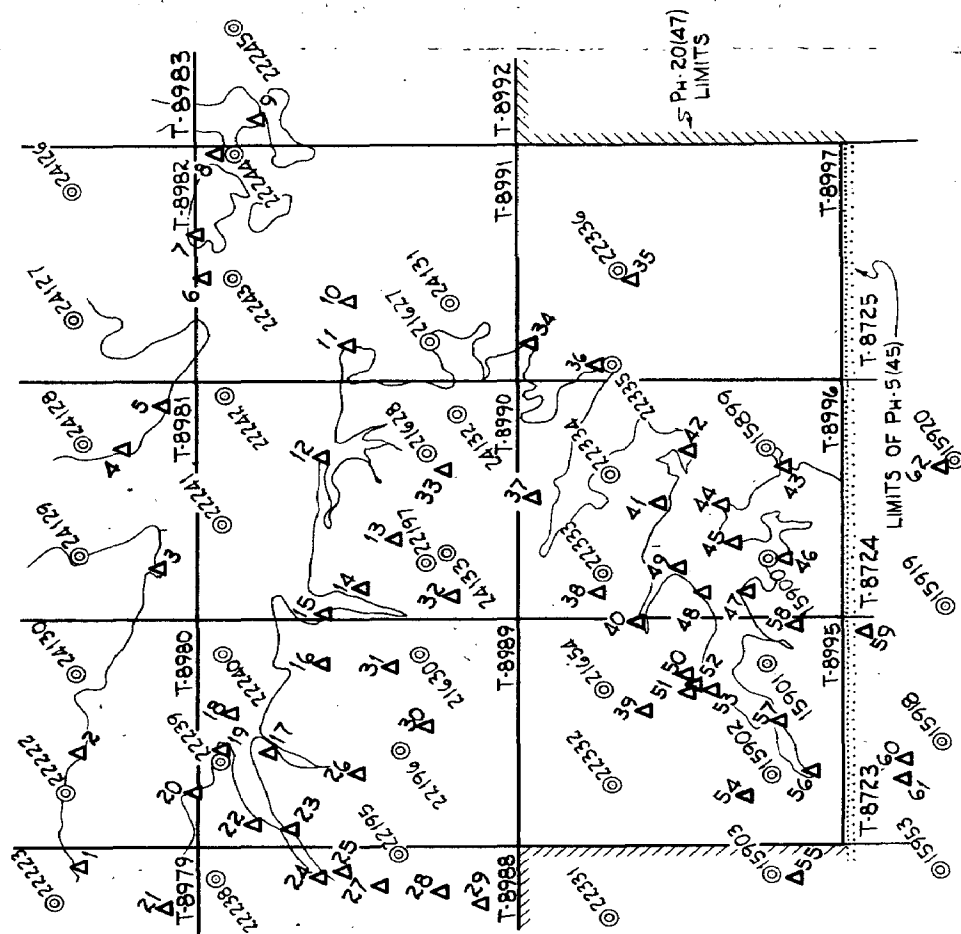
Approved and Forwarded:

Ross A. Gilmore

Ross A. Gilmore, 1/27/50
Chief of Party.

INDEX TO CONTROL

1. Sub. Sta. NIXON, 1933
2. Sub. Sta. GUSIN, 1932
3. Sub. Sta. FIEGS, 1933
4. Sub. Sta. SIM, 1932
5. ADEL BAY BCN., 1933
6. JUDITH ISLAND BCN., 1933
7. ROSE, 1932
8. JUDITH ISLAND BIOLOGICAL ST. H., 1935
9. BARROW, 1914
10. FANLICO PT. LIGHTHOUSE, 1909
11. Sub. Sta. GIB, 1935
12. R M 3 CLAN 2, 1948
13. Sub. Sta. ARSON, 1935
14. Sub. Sta. LIX, 1935
15. Sub. Sta. CLARK, 1935
16. Sub. Sta. SPRING CHALK, 1935
17. Sub. Sta. FOR, 1935
18. FANLICO CLAN LCH., 1935
19. Sub. Sta. HARRY, 1935
20. Sub. Sta. R M 2 FOUNI, 1933
21. Sub. Sta. UN-AT, 1933
22. Sub. Sta. LILIC, 1935
23. Sub. Sta. LANC, 1935
24. Sub. Sta. PLANK, 1935
25. Sub. Sta. BEAVER, 1935
26. Sub. Sta. LAGO, 1935
27. Sub. Sta. HOKA, 1935
28. Sub. Sta. CLARK, 1935
29. Sub. Sta. of I. FOR, 24, 1943
30. Sub. Sta. NODMAN, 1935
31. Sub. Sta. SNIDER, 1935
32. Sub. Sta. TEF, 1935
33. Sub. Sta. FOTT, 1935
34. Sub. Sta. H F 2 BAWT, 1932
35. Sub. Sta. (Pre-Marked)
36. Sub. Sta. No. 2 SPINOWH, 1935
37. Sub. Sta. GAIN, 1935
38. Sub. Sta. ROPE, 1935
39. Sub. Sta. MISIC, 1935
40. Sub. Sta. LILIC, 1935
41. Sub. Sta. LILIC, 1935
42. Sub. Sta. LILIC, 1935
43. Sub. Sta. LILIC, 1935
44. Sub. Sta. LILIC, 1935
45. Sub. Sta. LILIC, 1935
46. Sub. Sta. LILIC, 1935
47. Sub. Sta. LILIC, 1935
48. Sub. Sta. LILIC, 1935
49. Sub. Sta. LILIC, 1935
50. Sub. Sta. LILIC, 1935
51. Sub. Sta. LILIC, 1935
52. Sub. Sta. LILIC, 1935
53. Sub. Sta. LILIC, 1935
54. Sub. Sta. LILIC, 1935
55. Sub. Sta. LILIC, 1935
56. Sub. Sta. LILIC, 1935
57. Sub. Sta. LILIC, 1935
58. Sub. Sta. LILIC, 1935
59. Sub. Sta. LILIC, 1935
60. Sub. Sta. LILIC, 1935
61. Sub. Sta. LILIC, 1935
62. Sub. Sta. LILIC, 1935



Δ HORIZONTAL CONTROL STATION
 ⊙ CENTER OF NINE-LENS PHOTOGRAPH

SKETCH FOR REPORT ON
 PHOTOGRAMMETRIC PLOT NO. 1 OF PH-20(47)

MAP T-8996

PROJECT NO. Ph-20(47)

SCALE OF MAP 1: 20,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ψ -COORDINATE LONGITUDE OR χ -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	
	G.P.s.	N.A.									
SPENCER 1935	P. 375	1927	35 14	40.376				1244.3 (604.8)			
	"	"	76 33	40.193				1016.2 (500.8)			
BALL'S ISLAND-2, 1913	P. 389	"	35 11	40.646				1252.6 (596.4)			
"	"	"	76 33	57.558				1456.1 (61.8)			
	"	"	35 10	46.659				1437.9 (411.1)			
CREEK 1913	P. 424	"	76 36	44.918				1136.6 (381.6)			
	"	"	35 10	46.963				1447.3 (401.8)			
SHAG, 1935	P. 389	"	76 36	44.567				1127.7 (390.5)			
	"	"	35 09	44.905				1383.8 (465.2)			
COVE, 1935	P. 389	"	76 36	49.403				1250.3 (268.2)			
	"	"	35 10	25.505				786.0 (1063.0)			
WIND, 1935	P. 389	"	76 34	51.167				1294.8 (223.5)			
	"	"	35 10	25.876				797.4 (1051.6)			
MARSH, 1913	P. 393	"	76 34	45.682				1156.0 (362.3)			
	"	"	35 10	05.560				171.3 (1677.7)			
BOWNER 1935	P. 389	"	76 35	16.760				424.1 (1094.3)			
	"	"	35 10	23.095				711.7 (1137.3)			
JULIE 1935	P. 389	"	76 33	59.347				1501.8 (16.5)			
	"	"	35 11	06.347				195.6 (1653.4)			
BAY, 1913	P. 363	"	76 32	10.145				256.7 (1261.4)			
	"	"	35 09	18.509				570.4 (1278.6)			
BRANCH 1935	P. 389	"	76 35	01.888				47.8 (1470.8)			
	"	"	35 08	51.627				1591.0 (258.0)			
FORK, 1935	P. 390	"	76 35	42.017				1063.6 (455.2)			

M-2388.12

DATE Sept. 27, 1948

R.R. Wagner
CHECKED BY

DATE Sept. 22, 1948

COMPUTED BY F. Lampton

1 FT. = 3048006 METERS

6

MAP T-8996

PROJECT NO. Ph-20(47)

SCALE OF MAP..... 1: 20,000

SCALE FACTOR:

[illegible]

1 FT. = 3048006 METER	B.F. Lampton	Sept. 22, 1948	H.R. Wagner	Sept. 27, 1948	M-2388-12
COMPUTED BY:		DATE	CHECKED BY:	DATE	

MAP T-8989

PROJECT NO Ph-20(47)

SCALE OF MAP 1: 20,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ν -COORDINATE LONGITUDE OR λ -COORDINATE		DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
								FROM GRID OR PROJECTION LINE IN METERS	FROM GRID OR PROJECTION LINE IN METERS	
CHIMNEY ON WHITE HOUSE	G.P.s. P. 432	N.A. 1927	35 21	46.297				1426.8 (422.3)		lost
			76 41	44.913				1133.9 (380.9)		
HICK	" P. 429	"	35 21	44.345				1366.6 (482.5)		lost
			76 41	35.403				893.8 (621.0)		
BERRY	P. 398	"	35 21	35.139				1082.9 (766.2)		
			76 41	55.200				1393.6 (121.2)		
GRASS	P. 398	"	35 21	33.847				1043.1 (806.0)		
			76 42	34.073				860.2 (654.6)		
HINDOO	P. 413	"	35 21	38.771				1194.8 (654.2)		lost
			76 39	46.680				1178.5 (336.3)		
INDIAN,	P. 428	"	35 21	38.985				1201.4 (647.6)		lost
			76 39	46.805				1181.7 (333.1)		
BUX	P. 378	"	35 21	38.274				1179.5 (669.6)		Recovered in poor condition
			76 38	38.117				962.3 (552.5)		
DUCK BLIND "B"	P. 432	"	35 21	37.366				1151.5 (697.5)		lost
			76 40	59.342				1498.2 (16.6)		
DUCK BLIND "C"	P. 432	"	35 21	39.60				1220.4 (628.7)		lost
			76 41	17.40				439.3 (1075.5)		
LITCHFIELD, 1935	P. 398	"	35 21	24.465				754.0 (1095.1)		
			76 43	25.122				634.3 (880.6)		
PINES	P. 399	"	35 21	03.886				119.8 (1729.3)		
			76 44	15.562				392.9 (1122.1)		

1 FT. = 3048006 METER
COMPUTED BY B.F. Lampton

DATE Sept. 22, 1948

CHECKED BY: R.R. Wagner

DATE Sept. 27, 1948

M-2388-12

55

SCALE FACTOR:

PROJECT NO. Ph-20(47)

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 DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
					FORWARD	(BACK)		FORWARD	(BACK)	FORWARD	(BACK)
TREES	G.P.s.	N.A.	35	20	59.290			1827.2	(21.9)	<i>Lost</i>	
	P.398	1927	76	42	34.672			875.5	(639.5)		
SOUTH	"	"	35	20	59.296			1827.4	(21.7)	<i>Lost</i>	
	P.432		76	42	34.358			867.5	(647.5)		
SCHOONER, 1935	P.398	"	35	20	54.753			1687.4	(161.7)		
			76	43	08.379			211.6	(1303.4)		
LARK, 1935	P.399	"	35	20	48.365			1490.5	(358.6)		
			76	43	35.141			887.3	(627.7)		
SYNDICATE, 1935	P. 399	"	35	20	43.799			1349.8	(499.3)		
			76	44	38.932			983.1	(532.0)		
LONG,	P.399	"	35	20	16.955			522.5	(1326.6)		
			76	44	25.054			632.7	(882.5)		
MAYO,	P.378	"	35	18	47.829			1474.0	(375.1)		
BOND,	P. 398	"	76	42	41.865			1057.6	(458.1)		
			35	20	58.830			1813.0	(36.1)	<i>Lost</i>	
INDIAN SLUE BN	P.398	"	76	41	00.503			12.7	(1502.3)		
			35	21	37.419			1153.2	(695.9)		
SPRING CR., 1935	P.374	"	76	40	38.951			983.4	(531.4)		
			35	19	31.223			962.2	(886.8)		
			76	39	00.885			22.4	(1493.1)		

1 FT. = .3048006 METER

COMPUTED BY: B.F. Lampton

DATE Sept. 22, 1948

CHECKED BY: R.R. Wagner

M-2388-12

DATE Sept. 27, 1948

SCALE FACTOR

[illegible]

DATE Sept. 27. 1948

M-2388-12

13.
20

STOR

FACTOR DISTANCE
LINE FROM GRID OR PROJECTION LINE
IN METERS

FORWARD (BACK)

M. 2368.12

27, 1948

23

MAP T-8990

PROJECT NO. Ph-20(47)

SCALE OF MAP
1: 20,000

SCALE FACTOR

[illegible]

1 FT = 3048006 NETER

COMPUTED BY: B.F. Lampton

DATE Sept. 22, 1948

CHECKED BY: R.R. Wagner

DATE Sept. 27

M-2399-13

22

MAP T-8995

PROJECT NO. Ph-20(47)

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 FORWARD (BACK)	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)
BAYBORO 1935	G.P.s. P.376	N.A. 1927	35 08 37.152			1144.9	(704.1)		
			76 46 07.280			184.3	(1334.6)		
TOR 1935	" P.392	"	35 08 39.884			1229.1	(619.9)		
			76 43 09.905			250.7	(1268.1)		
N (USE) 1913	" P.427	"	35 08 54.43			1677.4	(171.7)		
			76 43 37.84			957.8	(560.9)		
P (USE) 1913	" P.427	"	35 09 00.13			4.0	(1845.0)		
			76 43 46.81			1184.9	(333.9)		
O (USE) 1913	" P.427	"	35 09 02.52			77.7	(1771.4)		
			76 43 31.03			785.4	(733.3)		
M (USE) 1913	" P.426	"	35 08 49.40			1522.4	(326.7)		
			76 43 21.81			552.1	(966.7)		
LYNCH BEACH PAV- ILLION E. GABLE 1935	" P.394	"	35 09 32.251			993.9	(855.1)		
			76 41 17.538			443.9	(1074.7)		
NEAR 1913	" P.391	"	35 10 12.194			375.8	(1473.2)		
			76 40 17.043			431.3	(1087.1)		
HORTON, 1935	" P.391	"	35 09 50.746			1563.8	(285.2)		
			76 39 44.260			1120.1	(398.3)		
BAPTIST CH. SPIRE 1935	" P.394	"	35 10 59.49			1833.3	(15.7)		
			76 39 58.00			1467.5	(50.6)		
ROPE, 1935	" P.375	"	35 12 03.354			103.4	(1745.7)		
			76 40 41.938			1060.9	(456.9)		
METHODIST CH SP. 1935	" P.394	"	35 10 58.74			1810.2	(38.8)		
			76 39 52.66			1332.4	(185.7)		

1 FT. = 3048006 METER

COMPUTED BY B.F. Lampton

DATE Sept. 22, 1948

CHECKED BY R.R. Wagner

DATE Sept. 27, 1948

M-2388-12

34

-20(47) SCALE OF MAP 1: 20,000 SCALE FACTOR

OR Y-COORDINATE OR X-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
	FORWARD	(BACK)		FORWARD	(BACK)	FORWARD	(BACK)
11.983				369.3	(1479.7)		
49.473				1252.5	(266.5)		
27.213				838.6	(1010.4)		
29.954				758.3	(760.6)		
52.204				1608.8	(240.2)		
06.814				172.5	(1346.6)		
09.947				306.5	(1542.5)		
41.328				1046.3	(472.7)		
43.542				1341.8	(507.2)		
24.392				617.3	(901.2)		
38.481				1185.9	(663.2)		
00.863				21.8	(1496.7)		
26.921				829.6	(1019.4)		
09.399				237.8	(1280.5)		
27.352				842.9	(1006.1)		
09.778				247.4	(1270.9)		
40.502				1248.2	(600.9)		
41.803				1057.8	(460.4)		
19.602				604.1	(1244.9)		
44.650				1129.4	(388.3)		
02.209				68.1	(1780.9)		
15.319				387.7	(1130.7)		
02.717				83.7	(1765.3)		
15.986				404.6	(1113.9)		

ember 22, 1948

CHECKED BY R.R. Wagner

DATE Sept. 27, 1948

M. 2388-12

24

MAP T-8995 PROJECT NO. Ph-20(47) 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	
E. HOLTEN E.G.	G.P.s.	N.A.	35	10	55.904			1727.8	(126.2)		
WHITE HOUSE 1935	P.394	1927	76	39	46.769			1183.3	(334.8)		
PENN 1935	P.390	"	35	10	58.261			1795.4	(53.6)		
			76	39	44.600			1128.5	(389.7)		
FLORENCE 1935	P.376	"	35	08	35.981			1108.8	(740.2)		
			76	37	54.199			1372.0	(146.8)		
CHAP, 1935	P.392	"	35	08	45.149			1391.4	(457.7)		
			76	42	22.859			578.6	(940.2)		
HARP, 1935	P.391	"	35	09	06.017			185.4	(1663.6)		
			76	41	54.107			1369.5	(149.2)		
POWERS 1935	P.379	"	35	08	55.449			1708.8	(140.2)		
			76	41	02.137			54.1	(1464.6)		
POTTER, 1935	P.391	"	35	09	36.739			1132.2	(716.8)		
			76	40	02.907			73.6	(1445.0)		
ROPER, 1935	P.391	"	35	08	51.291			1580.6	(268.4)		
			76	40	21.130			534.9	(983.9)		
BRICK, 1935	P.391	"	35	09	31.486			970.3	(878.7)		
			76	40	51.278			1297.8	(220.8)		
IVES 1935	P.376	"	35	09	44.474			1370.6	(478.5)		
			76	43	28.877			730.8	(787.7)		
F (USE) 1913	P.426	"	35	08	35.19			1084.5	(764.6)		
			76	42	52.66			1333.0	(185.8)		
TRENT, 1935	P.392	"	35	08	26.219			808.0	(1041.0)		
			76	43	09.725			246.2	(1272.7)		

1 FT. = 3048006 METER
COMPUTED BY: B.F. Lampton
CHECKED BY: R.R. Wagner
DATE: Sept. 22, 1948
DATE: Sept. 27, 1948
M-2388-10 29

MAP T-...8995...

[illegible]

SCALE FACTOR:

[illegible]

DATE SEP 27, 1948 M-2388-12

COMPIIATION REPORT T-8996

31. DELINEATION

The graphic method was used in delineating the manuscript.

The photographs and field inspection were adequate for delineation.

32. CONTROL

Sufficient control was provided to cut in necessary detail points. All control was positively identified and well placed.

Triangulation station "MAW 2, 1932" is shown on map manuscript as "MAW, 1913." This station was apparently erroneously stamped "MAW 2" in 1932. As the station was remarked in its original position, it should have been stamped "MAW, 1913-1932".

Triangulation station "BAY, 1913" falls under the same condition as the foregoing station.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

No difficulty was encountered in delineating the small amount of contours and drainage appearing on this quadrangle.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline inspection was adequate.

No low-water line has been shown. (Reference Item 8).

The approximate limits of shallow areas that could be clearly delineated from the photographs have been shown.

No shoal areas were discernable on the photographs.

36. OFFSHORE DETAILS

Reference Item 10.

37. LANDMARKS AND AIDS

Reference Items 11 and 13. No difficulty was encountered in the location of nonfloating aids.

38. CONTROL FOR FUTURE SURVEYS

Eighteen cards Form 524 are submitted herewith and are listed



47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with USC&GS Nautical Charts 1231, scale 1: 80,000, published 1938 (8th Edition), bearing a print date of May 10, 1948 and 832, scale 1: 40,000, published 1938 (1st Edition) and bearing a print date of October 31, 1949.

The planimetric maps listed under Item 46 was the source of the planimetry on the nautical charts and the same statement under that item applies.

Approved and Forwarded:

Arthur L. Wardwell
Arthur L. Wardwell
Chief of Party.

John C. Richter
John C. Richter
Cartographic Draftsman

50. PHOTOGRAMMETRIC OFFICE REVIEW

T-8996

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

CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy M.M.S. 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) J.G. ~~XXXXXXXXXXXXXXXXXXXX~~ 8. Bench marks J.G. 9. Plotting of sextant fixes J.G. 10. Photogrammetric plot report J.G. 11. Detail points J.G.

ALONGSHORE AREAS

(Nautical Chart Data)

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

PHYSICAL FEATURES

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

CULTURAL FEATURES

27. Roads J.G. 28. Buildings J.G. ~~XXXXXXXXXXXXXXXXXXXX~~ 30. Other cultural features J.G.

BOUNDARIES

31. Boundary lines J.G. ~~XXXXXXXXXXXXXXXXXXXX~~

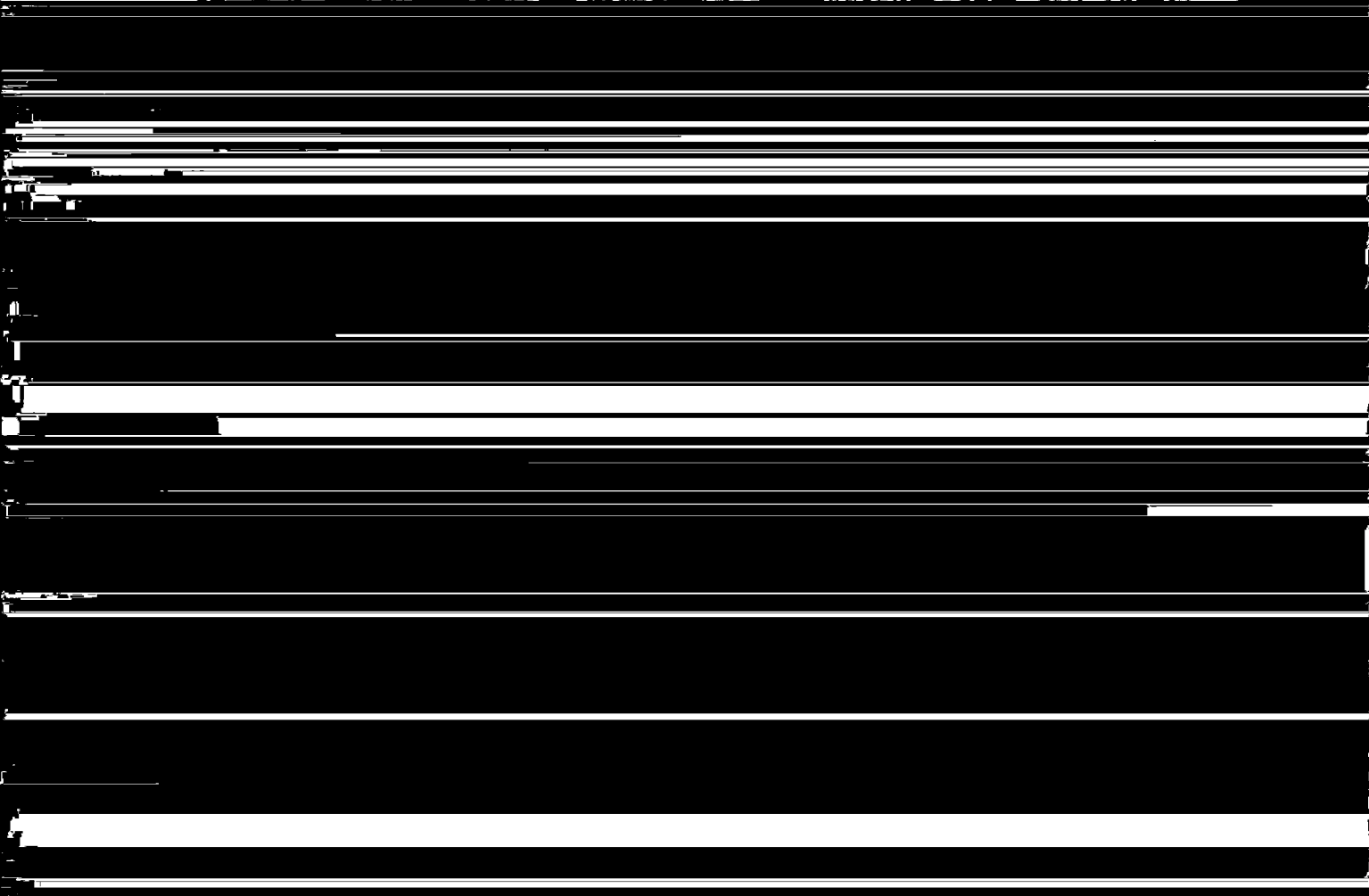
MISCELLANEOUS

33. Geographic names J.G. 34. Junctions J.G. 35. Legibility of the manuscript J.G. 36. Discrepancy

FIELD EDIT REPORT
Quadrangle T-8996
35°15.0'/76°30.0'/7.5'
Project Ph-20(47)

Harry F. Garber, Chief of Party

The field edit of this quadrangle was accomplished during the period from May 22 through May 31, 1950 by Cecil A. Navin, Topographic Engineer. All work was performed in accordance with Field Edit Instructions, dated August 1945; Supplement No. 1, dated February 1946; related Photogrammetry Instructions; and Topographic



All features were checked. Corrections were made by visual inspection and tape measured distances from identifiable points. All corrections are shown on either the field edit sheet or the field photographs, and cross-reference made.

A legend, describing the colored inks used, is shown on both the field edit sheet and the field photographs.

The field edit data is shown on one(1) field edit sheet; one(1) discrepancy sheet; one(1) geographic names sheet; and three(3) nine-lens photographs, numbers 15900, 21652, and 22334.

55. (Continued)

The geographic names investigation in this area is very accurate. The copy was examined by numerous fisherman and boatmen who found no errors. A few additional names have been added to the names sheet. 854-L14

Submitted:

2 June 1950

Cecil A. Navin

Cecil A. Navin

Topographic Engineer

Approved:

Harry F. Garber, Chief of Party

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

"PHOTOGRAPHIC" REVIEW SECTION#

STRIKE OUT ONE

**TO BE CHARTED
TOUCHED DEFEATED**

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

Washington, D.C.

13 July

~~1948~~

I recommend that the following objects which have ~~(been)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(the chart of)~~ the charts indicated.

The positions given have been checked after listing by

John C. Richter

Tampa Photo. Office

Riley J. Sides

Chief of Party.

[illegible][illegible]

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

PHOTOGRAMMETRIC REVIEW SECTION

STRIKE OUT ONE

Tampa, Florida Manteo, N.C.

6 June 1950

██████████ I recommend that the following objects which have ██████████ been inspected from seaward to determine their value as landmarks be ██████████ (deleted from) the charts indicated.

The positions given have been checked after listing by **John C. Richter**
Tampa Photogrammetric Office

HARRY F. GARBER, Chief of Party.

[illegible]

GEOGRAPHIC NAME LIST

- | | |
|---|---|
| • <u>ALLIGATOR POINT</u> ✓ | • <u>GASCON CREEK</u> ✓ |
| • <u>BALL ISLAND</u> ✓ | • <u>GIBB POINT</u> ✓ |
| • <u>BARNES CREEK</u> ✓ | • <u>HARPER CREEKS</u> ✓ |
| • <u>BAY HAMMOCK</u> ✓ | • <u>HOBUCKEN</u> ✓ |
| • <u>BAY POINT</u> ✓ | • <u>HOG PEN CREEK</u> ✓ <i>Hog pen</i> |
| • <u>BAY RIVER</u> ✓ | • <u>INTRACOASTAL WATERWAY</u> ✓ |
| • <u>BEAR CREEK</u> ✓ | • <u>IVES CREEK</u> ✓ |
| • <u>BENNETT CREEK</u> ✓ <i>No</i> | • <u>JONES BAY</u> ✓ |
| • <u>BILLS CREEK</u> ✓ | • <u>JUMPOVER CREEK</u> ✓ |
| • <u>BILLS CREEK LANDING</u> ✓ | • <u>LAMBERT CREEK</u> ✓ |
| • <u>BLOSSOM POND</u> ✓ <i>cf.</i> | • <u>LITTLE BEAR CREEK</u> ✓ |
| • <u>BOAR POINT</u> ✓ | • <u>LITTLE DRUM CREEK</u> ✓ |
| • <u>BOAR SHOAL</u> ✓ | • <u>LITTLE EVE CREEK</u> ✓ |
| • <u>BONNER BAY</u> ✓ | • <u>LITTLE ISLAND</u> ✓ |
| • <u>BRYAN CREEK</u> ✓ | • <u>LITTLE OYSTER CREEK</u> ✓ |
| • <u>BRYAN POINT</u> ✓ | • <u>LOG POINT</u> ✓ |
| • <u>BRYAN SHOAL</u> ✓ | • <u>LONG CREEK</u> ✓ |
| • <u>CATCH ALL CREEK</u> ✓ | • <u>MAIDEN POINT</u> ✓ |
| • <u>CHADWICK CREEK</u> ✓ <i>(Pending with USACE)</i> | • <u>MAUL RUN</u> ✓ |
| • <u>COOT CREEK</u> ✓ | • <u>MAW BAY</u> ✓ <i>(enlarged application o.k.)</i> |
| • <u>COW GALLUS CREEK</u> ✓ | • <u>MAW POINT</u> ✓ |
| • <u>COX CREEK</u> ✓ | • <u>MAW POINT CREEK</u> ✓ |
| • <u>DALL CREEK</u> ✓ | • <u>MAW POINT SHOAL</u> ✓ |
| • <u>DEADMAN POINT</u> ✓ | • <u>MIDDLE BAY</u> ✓ |
| • <u>DEEP OAK CUT</u> ✓ <i>G</i> | • <u>MINK TRAP POINT</u> ✓ |
| • <u>DEEP POINT</u> ✓ | • <u>NEUSE RIVER</u> ✓ |
| • <u>DITCH CREEK</u> ✓ | • <u>NO JACKET CREEK</u> ✓ |
| • <u>DITCH CREEK POINT</u> ✓ | • <u>OYSTER CREEK</u> ✓ |
| • <u>DOWDY CREEK</u> ✓ | • <u>PERSIMMON TREE POINT</u> ✓ |
| • <u>DRUM CREEK</u> ✓ | • <u>PINE TREE POINT</u> ✓ |
| • <u>DRUM CREEK POINT</u> ✓ | • <u>PLUM CREEK</u> ✓ |
| • <u>DUMP CREEK</u> ✓ | • <u>POTTER CREEK</u> ✓ |
| • <u>FISHERMAN BAY</u> ✓ | • <u>PRESTON BAY</u> ✓ |
| • <u>FISHING BAY</u> ✓ | • <u>RACCOON CREEK</u> ✓ |
| • <u>FLOWER BAY</u> ✓ | • <u>RAGGED POINT</u> ✓ |
| • <u>GALE CREEK</u> ✓ <i>(use this spelling)</i> | • <u>*RIGGS CREEK</u> ✓ <i>both names o.k.</i> |
| • <u>GALE CREEK POINT</u> ✓ | • <u>ROCKHOLE BAY</u> ✓ |
| • <u>GARDEN CREEK</u> ✓ | • <u>ROCKHOLE ISLANDS</u> ✓ |
| • <u>GARDEN POINT</u> ✓ | • <u>ROCKY POINT</u> ✓ |

* This name appears twice on this quadrangle and has been referred to Field Editor for clarification.

Add:

- Goose Creek Island (large area) ✓
- Hobucken Swing Bridge (on sheet) ✓ *no*
- Henry Creek (on sheet n. of Hobucken) ✓ *Also near waterway*
- State No. 304 (on sheet) ✓

- ROUNABOUT BAY ✓
- SAGE POINT ✓
- SANDERS POINT ✓ (Pending with usdty)
- SAND POINT ✓
- SHEEP HEAD CREEK ✓
- SHEEP NECK CREEK ✓
- SHEEP PEN CREEK ✓ Sheeppen

- SOUND BAY ✓
- SPENCER POINT ✓
- SPRING CREEK ✓
- TAR CREEK ✓
- WHEALTON CREEK ✓
- WIN CREEK ✓
- YOUPON CREEK ✓

Field Edit Names:

- Dipping Vat Creek ✓
- Davis Island Point ✓
- Richardson Creek ✓
- Horton Creek ✓
- Morris Creek ✓
- Savannah Creek ✓
- Raff Creek ✓
- Hobucken High School x no

Names preceded by • are
 approved prior to final
 Field Edit. 2-23-50. L. Heck
 4-23-51: additional names
 from Field Edit: L. Heck

REVIEW REPORT T-8996
Topographic Map Manuscript

25 April, 1951

62. Comparison with Registered Topo Surveys: For the areas in common, this survey supersedes:

T-1094 (1869)	1:20,000	T-5560 (1935)	1:10,000
T-1095 (1869)	"	T-5561	"
T-5559 (1935)	1:10,000	T-5563	"

for nautical charting purposes.

63. Comparison with Maps of Other Agencies:

None

64. Comparison with Contemporary Hydro Surveys:

None

65. Comparison with Nautical Charts:

No. 832 9/22/47 1:40,000

This survey should be applied when the chart is reconstructed. Changes and additions made during review are shown in red ink on the manuscript.

66. Aids and Landmarks:

Aids are listed on Form 567 and filed as Chart Letter No. 118 (1950) in the Division of Charts. See copies following Field Edit Report.

67. Adequacy of Result:

This map complies with national map accuracy standards.

68. Overlay:

An overlay has been prepared showing road classifications, control, etc. A list of control to be shown on the published map has been prepared also. This map will be edited and published by the U. S. Geological Survey.

Reviewed by:


Jack L. Rihn, Cartographer

-2-

Approved:

L. V. Griffith
 Chief, Review Section
 Div., Photogrammetry
 7-8-55

J. M. Edmundson
 Chief, Nautical Chart Branch
 Division of Charts GRJ

O. S. Reading
 Chief, Div. Photogrammetry

Carl O. Henton
 Chief, Div., Coastal Surveys
 JRF

HISTORY OF HYDROGRAPHIC INFORMATION
Topographic Map T-8996
Jones Bay, N. C.

Hydrography was compiled on the map manuscript in accordance with the general specifications of 18 May 1949.

Depth curves and soundings are in feet and originate with the following:

USC&GS hydrographic surveys:

H-5926 (1935)	1:10000
H-5903 (1935)	1:10000
H-1010 (1869)	1:20000

Nautical charts:

1231 (1938)	1:80000	corrected to 1950
832 (1938)	1:40000	corrected to 1949

Depth curves are shown at 6, 12 and 18 feet at mean low water datum.

Hydrography was compiled by Charles Theurer 1 June 1951 and checked by R. E. Elkins 4 June 1951.