

8716

N 45

Diag'd. on Diag. Ch. No. - 1232

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Topographic

Field No. Ph-5(45) Office No. T-8716

LOCALITY

State North Carolina

General locality Hyde County

Locality Ocracoke Island

1946-48

CHIEF OF PARTY

R. J. Sipe

LIBRARY & ARCHIVES

DATE

8716

DATA RECORD

T- 8716

Quadrangle (II): T-8716

Project No. (II): Ph-5(45)

Field Office: Morehead City, N.C. Chief of Party: Riley J. Sipe
Lieut. Comdr.Compilation Office: Tampa, Fla. Chief of Party: George E. Morris, Jr.
Lieut. Comdr

Instructions dated (II III): Undated

Copy filed in ^{Division of} ~~Descriptive~~
~~Report No. T- (VI)~~
Photogrammetry Office Files.

Completed survey received in office: Sept. 4, 1947

Reported to Nautical Chart Section: Sept. 11, 1947

Reviewed: Nov. 1948 Partially Applied to Chart # 1232, 10-10-47
Applied to chart No. Date:

Redrafting Completed:

Preliminary Dec. 7, 1948

Registered: Final Published:

Compilation Scale: 1:10,000

Published Scale: 1:24,000

Scale Factor (III): None

Geographic Datum (III): N.A. 1927

Datum Plane (III): M.S.L.

Reference Station (III): SAND 1935

Lat.: 35° 09' 32.655 (1006.3m) Long.: 75° 50' 32.326 (818.1m) Adjusted
~~Unadjusted~~

State Plane Coordinates (VI): North Carolina Coordinate System

X = 2,943,641.20

Y = 527,815.84

Military Grid Zone (VI)

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
16089	7 April 1946	0911	1:10,000	0.0 above M.L.W
16090	"	0909	"	"
16091	"	"	"	"
16092	"	"	"	"
16093	"	"	"	"

Tide from (III): Ocracoke Inlet

Reference Station Hampton Roads

Mean Range: 2.0

Spring Range: 2.3

Camera: (Kind or source) U.S. C & G.S. 9 Lens 8.25" Focal Length

Field Inspection by: M.A. Stewart
I.Y. Fitzgerald

date: 3-14 Feb. 1947

Field Edit by: I. Y. Fitzgerald

date: June, 1948

Date of Mean High-Water Line Location (III): 3-14 - Feb 1947

Projection and Grids ruled by (III) T.L.J. Wash. Office date: 29 May 1947 (N/2)
31 May 1947 (S/2)

" " " checked by: T.L.J. Wash. Office date: 29 May 1947 (N/2)
31 May 1947 (S/2)

Control plotted by: R.J. Pate date: 10 June 1947

Control checked by: R. Dossett date: 11 June 1947

Radial Plot by: M.M. Slavney date: 1 August 1947

Detailed by: R. Dossett (S/2) date: August 1947
R. A. Reece (N/2)

Reviewed in compilation office by: J.A. Giles date: August 1947

Map Manuscript
Elevations on Field Edit Sheet
checked by: J.A. Giles

date: August 1947

STATISTICS (III)

Land Area (Sq. Statute Miles): 3.0

Shoreline (More than 200 meters to opposite shore): 16.0 statute miles

Shoreline (Less than 200 meters to opposite shore): 1.0 statute miles

Number of Recoverable Topographic Stations established: 3

Number of Temporary Hydrographic Stations located by radial plot: None

Leveling (to control contours) - miles: None

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:

MAP T-8716

PROJECT NO. Ph-5(45)

SCALE OF MAP 1:10,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR U-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)	
Most Easterly Fish House, 1935	G.P.s. pp. 361	N.A. 1927	35° 11'	13.70	Destroyed			422.2	(1426.8)	To be checked by Field notes. w.g.R.
Pipe Sta. C-2 1942		"	75	47	12.07			305.4	(1212.7)	Recovered in field. No G.P. Available. w.g.R.
S. end House Chmy., 1935	G.P.s. pp. 361	"	35	10	06.45			198.8	(1650.2)	
✓ Sand, 1935	G.P.s. pp. 357	"	75	49	50.66			1282.0	(236.4)	
		"	35	09	32.655			1006.3	(842.7)	
		"	75	50	32.326			818.1	(700.4)	
Pipe Sta. D-1 1942	C.E. 495	"	35	10	27.12			835.8	(1013.2)	
		"	75	47	56.86			1438.8	(79.5)	
Pipe Sta. D-2	Pos. Comp.	"	35	10	33.95			1046.2	(802.8)	
		"	75	47	38.62			977.2	(541.0)	
Sub. Sta. #1 of D-2	"	"	35	10	59.40			1830.5	(18.5)	
		"	75	46	49.08			1241.8	(276.3)	
Sub. Sta. #2 of D-2	"	"	35	10	20.46			630.5	(1218.5)	
		"	75	48	34.29			867.7	(650.6)	
Sub. Sta. LAMB	"	"	35	08	53.583			1651.3	(197.7)	
		"	75	52	13.070			330.8	(1187.9)	

1 FT. = 3048006 METER
COMPUTED BY: W.H. Shearouse

DATE 20 March 1947

CHECKED BY: R. Dossett

DATE

26 March 1947

2388-12

Statement to Accompany Descriptive Report
T 8716

1. T 8716 is composed of two complete topographic map manuscripts as follows:

T 8716 $\frac{1}{2}$ scale 1/10,000
T 8716 $\frac{3}{2}$ scale 1/10,000

2. The several mapping operations were:

(a) 9-lens aerial photography and laboratory processing, 1/10,000 scale.

(b) The field survey included identification of shoreline, identification of horizontal and vertical control, clarification of photographic details, geographic names, boundary investigation, and planetable contouring.

(c) Compilation by graphic methods.

(d) Preliminary office inspection.

(e) Field Edit.

(f) Final review of both map manuscripts to insure completeness and conformance with specifications, and to include corrections in accordance with the field edit survey of T-8716 N & S.

(g) Processing - Composite 1:20,000 scale blue line reductions are being prepared for smooth drafting. There will be no 1:20,000 scale manuscript.

3. T 8716 and the adjoining quadrangles will be published and distributed by the Geological Survey, in accordance with an agreement of March 25, 1947.

4. Data pertaining to T 8716 will be filed and may be obtained as follows:

(a) Filed in the Division of Photogrammetry.

(1) T 8716 N & S, scale 1:10,000, map manuscripts, field edit and final review corrections applied. (No field edit sheet was prepared by the field edit party; Field edit information appears on the discrepancy print and photos.)

(b) Filed in Coast and Geodetic Survey Archives.

(1) Descriptive Report

(2) 1:10,000 scale, cloth mounted photographic print of manuscript T 8716 $\frac{1}{2}$ (Advance print)

(3) 1:10,000 scale, cloth mounted photographic print of manuscript T 8716 $\frac{3}{2}$ (Advance print)

(4) The above prints are to be permanently registered under one number, T 8716 and when T 8716 is published, a cloth backed copy of the published map will also be registered.

A cloth-backed lithographic print, 1:10,000 scale

will replace the cloth-backed photographic print for the north half and the south half.

Date Nov. 4, 1948

Harland R. Cravat

Harland R. Cravat
Cartographer, Photogrammetrist

FIELD INSPECTION REPORT
T-8715 (35° 07'.5/75° 52'.5/7'.5)
T-8716 (35° 07'.5/75° 45'.0/7'.5)
Project Ph-5 (45)
Sub-project A

Riley J. Sipe, Chief of Party

All phases of the field work was completed in accordance with the Director's Instructions, Project Ph-5 (45), Field; and Instructions-Project Ph-5 (45) - Field, Supplement 1, Dated 11 December, 1946, except for deviations herein noted. Filed in Div. of Photogrammetry General Files.

The field work on these quadrangles was completed by the following personnel:

<u>NAME AND TITLE</u>	<u>T-8715 FIELD WORK</u>	<u>1947 DATES</u>
I. Y. Fitzgerald Photo Aid	Shoreline Inspection	3 Feb - 14 Feb.
S. J. Hathorn Photogrammetrist	Horizontal Control Recovery	4 Feb - 6 Feb.
M. A. Stewart Photo Aid	Contours Interior Inspection	12 Feb - 14 Feb.
T-8716		
I. Y. Fitzgerald Photo Aid	Shoreline Inspection Contours	29 Jan - 3 Feb.
S. J. Hathorn Photogrammetrist	Horizontal Control Recovery	27 Jan - 31 Jan.
M. A. Stewart Photo Aid	Contours	5 Feb - 13 Feb.

1. Description of the Area:

Ocracoke Island, lying approximately 30 miles off the North Carolina Coast and forming the East side of Pamlico Sound between Hatteras Inlet and Ocracoke Inlet, comprises the land area of the quadrangles.

The island is entirely sand. Marsh extends inward from Pamlico Sound approximately one-third the width of the island. The remainder is sand with scattered dunes, with the exception of an area approximately one mile long extending the width of the island in quadrangle T-8716 which is a sand flat with no dunes.

2. Completeness of Field Inspection:

Field inspection is felt to be adequate and complete.

3. Interpretation of the Photographs:

Although several months had past⁵⁼⁴ since the date of photography, no great difficulty was encountered in interpretation of the photographs.

4. Horizontal Control:

Horizontal control recovery was completed in each quadrangle; and sufficient control was identified for use in control of the radial plot.

Hatteras Inlet Lighthouse (Oliver Reef Light) lies just North of the quadrangle limits, but a recovery note was submitted along with the other recovery in this quadrangle.

5. Vertical Control:

Bench marks of the National Park Service were recovered and used for control of contours. In some areas the bench marks were lost. In these areas, N.P.S. temporary bench marks were used. As N.P.S. control was sufficient, no fly levels were run in any of these quadrangles.

In instances where a temporary bench mark was used, the elevation was carried and checked with a permanently marked bench mark.

The following listed USDI Bench Marks were recovered in the field and used to control the contouring but through an oversight were not pricked on the photographs:

USDI, NPS, MP-79.0

USDI, NPS, MP-82.0

6. Contours and Drainage:

Contouring was done on 1/10,000 scale photographs by plane table methods.

There is no drainage pattern of any type.

7. Mean High Water Line:

The mean high water line was located by measurements from identifiable points of detail except around Hatteras Inlet in quadrangle T-8716 which was located on photographs by plane table traverse.

8. Mean Low Water Line:

The mean low water line was not delineated along the open beach due to rough water and adverse winds.

The mean low water line will coincide with the HWL along the

Rec. Topo. Stations

High, 1947

Luke, "

Tower, "

Light 3, "

Slough Light, "

Filed in Div. of Photogrammetry
General Files.

shore at the Sound except around Hatteras Inlet in quadrangle T-8716.

9. Wharves and Shoreline Structures:

Adequately covered on photographs.

10. Detail Offshore from High Water Line:

Adequately covered by photographs.

11. Landmarks and Aids to Navigation:

All landmarks and aids to navigation are reported on Form #567.

12. Hydrographic Control:

Additional control established where needed to supplement existing control.

13. Landing Fields and Aeronautical Aids:

There are no landing fields in this quadrangle. However, the flat sand areas are used by light planes. These areas are subject to flooding during strong winds.

Oliver Reef Light, just north of quadrangle T-8716, is a Surface Navigational Light shown on aeronautical charts.

14. Roads:

There is one road traversing the length of the island and passing through each of these quadrangles. This road is over the sand through the "inside" of the island and is used only when high tide prevents use of the beach. The road changes frequently according to the whim of the individual driver. It is not improved. The road being used at time of interior inspection has been delineated.

15. Bridges:

There are no bridges within the limits of the quadrangles.

16. Buildings:

Adequately covered on the photographs.

17. Boundaries:

No boundaries were shown on photographs. The legal descriptions on all boundaries affecting these quadrangles will be submitted with all other boundary information for Project Ph-5 (45) A. These descriptions contain all the available information for placing them on the map manuscript.

Boundary Report filed in general files of the Div. of Photogrammetry.

18. Geographic Names: 214 *LA*

Geographic name information will be incorporated in a special
Geographic Name report by A. J. Wraight, Topographic Engineer.

*Filed in Geo. Names Section
Div of Charts*

Submitted:
24 February, 1947

I. J. Fitzgerald
I. J. Fitzgerald
Photo. Aid

Approved:
March, 1947

Riley J. Sipe
Riley J. Sipe
Chief of Party

COMPILATION REPORT
TO ACCOMPANY
QUADRANGLE T-8716

26 AND 27: CONTROL AND RADIAL PLOT:

This is the subject of a special report to be submitted by Milton M. Slavney, Photogrammetric Engineer. Radial Plot Report filed in General Files of the Div. of Photogrammetry.

Attention is called to Station CE, C-2, 649, NC-1 4TT-4, which is being submitted on form 526 with this report. This recovery card was received from the field by this office. No geographic position is available in this office. Station C-2 has been disregarded.

28. DELINEATION:

Photographs 16089, 16090, 16091, 16092 and 16093 were used for delineation. These photographs are of good scale and provide good coverage of the area.

Field inspection was satisfactory, though brief. No unusual difficulties were encountered in interpretation.

Pass points established by the main radial plot were sufficient for delineating most of the area. Only a few detail points were added.

29 SUPPLEMENTAL DATA:

None used.

30. MEAN HIGH WATER LINE:

The mean high-water line on the ocean side was marked by the field inspector at enough places to complete its delineation with accuracy.

The limits of vegetation have been delineated on the Pamlico Sound side. In "Notes to the compiler" submitted by the field inspector, it is stated that this line is normally the high water line.

31. LOW WATER AND SHOAL LINES:

The low water line has been delineated and labeled approximate. The field inspector did not indicate this line.

The Shoal areas in Pamlico Sound have been delineated with a dashed line showing their approximate limits.

32. DETAILS OFFSHORE FROM THE HIGH WATER LINE:

One wreck baring one foot at mean low water and located just offshore south of Pipe Station D-1 has been shown according to recovery by the field party. A wreck shown by symbol on Nautical Chart No. 1232 approximately one mile east of the foregoing was neither recovered nor deleted by the field inspector. The status of this wreck has been requested of the field editor. Existence of latter wreck was not confirmed by the Field Edit Party. Refer to item 47 of Field Edit Report.

33. WHARVES AND SHORELINE STRUCTURES:

The docks at the U. S. Coast Guard Station have been delineated according to field inspection notes.

34. LANDMARKS AND AIDS TO NAVIGATION:

Landmarks and aids to navigation are being submitted on Form 567 and made a part of this report.

35. HYDROGRAPHIC CONTROL:

None required.

36. LANDING FIELDS AND AERONAUTICAL AIDS:

None. Reference, however, is made to item 13 of the Field Inspection Report for further information.

37. BOUNDARIES:

No political boundary data have been received from the field. Special Boundary Report Received and filed in General Files of the Div. of Photogrammetry.

38. CONTOURS:

Contours were transferred directly from the field inspection photographs to the map manuscript.

39. GEOGRAPHIC NAMES:

No Geographic name data has been received as of the date of this report 28 August 1947. Only well established names have been shown on the map manuscript. Geographic Names Report received and filed in Geographic Names Section of the Div. of Charts.

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

There are none available in this office for comparison.

45. COMPARISON WITH NAUTICAL CHARTS:

The map manuscript was compared with Nautical Chart No. 1232 (scale 1:80,000) dated 23 February 1946. The chart shows an area labeled "Green Island" as being separated from the main bank by water. The compilers interpretation does not indicate this. The matter has been referred to the field editor for investigation. See Field Edit Report.

Respectfully submitted,

Rudolph Dossett

Rudolph Dossett, *By: William A. Reece*
Photogrammetric Aid.

Richard A. Reece

Richard A. Reece,
Engineering Draftsman

Approved and Forwarded:

George E. Morris, Jr.
George E. Morris, Jr.
Chief of Party.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONLOCATING AIDS FOR LANDMARKS FOR CHARTS

STRIKE OUT ONE

**NOT BE COMPLETED
TO BE DELETED**

Morehead City, N. C.

17 February, 1947

I recommend that the following objects which have ~~been~~ ^{been} inspected from seaward to determine their value as landmarks, be ~~re-inspected~~ ^{re-inspected} the charts indicated.

The positions given have been checked after listing by

Robert S. Lipp

Chief of Party.

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating*

Morehead City, N.C. 17 February 1947

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

The positions given have been checked after listing by ~~R. P. Wagner, Tampa Photogrammetric Office~~

Grammetric Office
Riley & Sipe by George C. Minn. L.
Riley & Sipe
Chief of Party

Chief of Party.

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating*

STRIKE OUT ONE

Morehead City, N.C. 17 February 1947

NON-COMMERCIAL LANDMARKS FOR CHARTS

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

The positions given have been checked after listing by Robert M. Wagner

grammetric Office
Riley J. Sipe by George C. Manning
Riley J. Sipe Chief of Party.

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating* aids to navigation if redetermined shall be reported on this form. The data should be considered for the charts of the area and used in the

FIELD EDIT REPORT
Quadrangle T-8716
35° 07.5' - 75° 45.0/7.5
Project Ph-5(45)
Riley J. Sipe, Chief of Party

The field edit of this quadrangle was completed during June, 1948.

46. METHODS

This quadrangle was inspected by truck. Fixed aids to navigation were verified by planetable.

Reference to the letter from Chief, Division of Photogrammetry, (Field Edit of the Barrier Beaches) dated 18 May 1948, to Lieut. Comdr. Riley J. Sipe.

47. ADEQUACY OF THE COMPILATION

The compilation was adequate and complete except for a few details omitted during the field inspection.

All roads have been reclassified according to Photogrammetry Instructions #10 dated 14 April 1947.

Attention is called to a submerged wreck located offshore at approximate latitude 35° 10' and longitude 75° 47'. This wreck is not visible from shore at low-water and it is recommended that the Hydrographic party determine its existence and position.

Attention is called to two buildings, in water, shown on Chart 1232, and located about 0.5 mile north of Hatteras Inlet Coast Guard Station. These buildings no longer exist and should be deleted.

Attention is called to GREEN ISLAND. This portion of land is no longer an island. The wind has drifted the sand over the area and the former Green Island now joins Ocracoke Island.

48. ACCURACY TESTS

There were no accuracy tests specified for this quadrangle. See reference letter mentioned in paragraph 46.

18. GEOGRAPHIC NAMES

The name TOLSON'S DITCH is no longer used. The ditch has been filled. It is recommended that the name TOLSON'S DITCH be deleted.

At approximate latitude 35° 10' and longitude 75° 49' the position of JACK BRANDY CREEK and PILONTARY CREEK were misplaced. The new

position of the names are shown on the Geographic Names discrepancy print.

The name PATCH FENCE CREEK is located in the former position of JACK BRANDY CREEK. The name is used widely by the local fisherman and is recommended.

The names SOUTHERN BITTERWASH CREEK and NORTHERN BITTERWASH CREEK were misspelled by the geographic names investigator. The names recommended are: SOUTHERN BITTERS~~WASH~~ CREEK and NORTHERN BITTERS~~WASH~~ CREEK.

The map was examined for possible errors by Mr. Ben Fulcher of Ocracoke. Mr. Fulcher has been a resident of this vicinity for over fifty years and was highly familiar with the area. Mr. Fulcher found several errors, all of which were verified by other residents and have been corrected on our name discrepancy sheet.

Submitted:
10 June 1948

Isalah Y. Fitzgerald
Isalah Y. Fitzgerald
Cartographer

Approved:
10 June 1948

Riley J. Sipe
Riley J. Sipe
Chief of Party

GEOGRAPHIC NAMES

Survey No. **T-8716****Ocracoke I., N.C.**

1 Name on Survey

	A	B	C	D	E	F	G	H	K	
North Carolina									USGB	1
Hyde County										2
Pamlico Sound									USGB	3
Atlantic Ocean										4
Ocracoke Island										5
Hatteras Inlet										6
North half names:										7
Cross Shoal										8
Herring Shoal										9
Main Channel										10
Sloop Channel										11
Pelican Shoal										12
Hatteras Inlet Point of Beach										13
Logged Lump										14
										15
South half names:										16
Styron Hills										17
Tar Hole Plains										18
Tar Hole Inlet										19
Green Island										20
										(not Inner Green Island)
Outer Green Island										21
										(not Little Green Island)
Cookrel Creek										22
Cookrel Creek Island										23
Old Green Island Club										24
The Wells										25
										Too near Old Green Island Club and Green Island
Pilontary Creek										26
										(note change in position)
Patch Fence Creek										27

GEOGRAPHIC NAMES

Survey No.

T-8716

2 Name on Survey

On Chart
No.On previous survey
No.On U. S. quadrangle
MapsFrom 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

✓ Jack Brandy Creek ✓

(note change in position)

1

✓ Green Island Club ✓

2

✓ Shingle Creek ✓

3

✓ Tom Franks Camp ✓

4

✓ Quork Hammock ✓

5

✓ Northern Bitterswash Creek ✓

6

✓ Southern Bitterswash Creek ✓

7

✓ Scrag Cedars ✓

8

✓ Scrag Cedar Pond ✓

Name not shown; it is mis-leading + note

9

✓ The Great Swash ✓

10

✓ Terrapin Shoal ✓

11

✓ Knoll Island ✓

12

✓ Knoll Creek ✓

13

✓ Gary Braggs Camp ✓

14

Dare County

15

Ocracoke Township (Hydro)

16

Hatteras (Dare Co)

Names underlined in red are approved

11/3/48 L. Heck L.H.

18

19

20

21

22

23

24

25

26

27

DIVISION OF PHOTOGRAMMETRY
Review Report of
Topographic Map Manuscript T-8716

Subject numbers used in this report have not been adequately covered in other parts of the descriptive report.

28 Detailing

The original delineation was adequate except for minor corrections and changes, made by the reviewer, which included:

- A Delineation of woodland cover, adjusted to conform with Photogrammetry Instructions 21, dated August 18, 1948.
- B Deletion of doubtful shoal delineation.
- C Deletion of compilers LWI in Pamlico sound.

30 Mean High Water Line

The mean high water line has been delineated as of the date of photography, and supplemented by the field inspection. The action of wind, tide, current, and shifting sands, cause frequent changes in the shoreline and it is subject to continual change.

31 Low Water and Shoal Lines

The approximate LWL on the Atlantic Ocean side of Ocracoke Island has been delineated and will be retained on the map manuscript. The LWL will not be shown on the published map because the delineation of LWL is incomplete on adjoining maps.

37 Political Boundaries

Boundaries were investigated by the field inspection party and the subject is adequately covered by a Special Report on Boundaries PH5, filed in the general files of the Division of Photogrammetry.

The Cape Hatteras National Seashore Recreation Area, mentioned in the Special Boundary Report is not applicable to this map. The project is in a planning stage, making the final boundaries and the date of materialization very questionable.

39 Geographic Names

Geographic Names were investigated during Field Inspection and have been approved by the Geographic Names Section of the Division of Charts. ~~Attache, following the review report,~~ is a list of all approved Geographic Names for T-8717. A special Geographic Names Report for PH5 is filed in the Geographic Names Section of the Division of Charts.

The approved geographic names have been shown and are to be retained on the map manuscript. However, at the reduced publication scale it is necessary to eliminate some of the names for

legibility. The names retained for publication, based on name importance and congestion are indicated on a 1:20,000 scale drafting overlay.

44 Comparison with Existing Topographic Surveys

Comparison with the following Topographic Surveys was made, and all common topographic features are superseded by T-8716.

372	1:20,000	1852	2950	1:20,000	1909
623	1:10,000	1857	3662	1:40,000	1916
792	1:20,000	1860-66	6313	1:10,000	1935

45 Comparison with Nautical Charts

Comparison was made with Nautical Chart No. 1232 revised to April 5, 1948. No information on T-8716 is of sufficient importance to warrant immediate application to the chart.

47 Adequacy of Compilation

An examination of map manuscript T-871⁶ reveals it to be complete in all details as a topographic quadrangle and as a base map for common area nautical charts and hydrographic surveys.

48 Accuracy Test

Horizontal

No horizontal accuracy test was made. The combination of adequate 9-lens photographic coverage, 9-lens radial plot methods and the adequate horizontal control insures a horizontal accuracy equal to or better than National Map Accuracy Standards.

Due to the unstable shoreline and shifting dunes, the accuracy applies to the delineation of details as of the date of photography supplemented by field inspection and field edit surveys.

Vertical

No vertical accuracy test was made, as the unstable characteristics of the dunes render any test useless.

Accuracy Statement

The published map will carry the following statement: "This map complies with National Map Accuracy Standards", supplemented by appropriate statements on unstable features.

Reviewed by:


Harland R. Cravat November 4, 1948

Approved by:

S. V. Griffith
Chief, Review Section *L.H.M.*

W. E. Edmonson
Chief, Nautical Chart Branch
Division of Charts

K. T. Adams
Chief, Div. of Photogrammetry

W. M. Asaife
Chief, Div. of Coastal Surveys

T-8716

Record of Work Subsequent to the Manuscript Review,
that is, Smooth Drafting, Checking, and Printing

Smooth Drafting: 17 December 1948

Checking: 17 December 1948

Manuscript forwarded to the U. S. Geological
Survey for smooth drafting and publication.

30 December 1948

Color proof furnished by the Geological Survey and
examined by _____

Name

Date

Published by the Geological Survey.

NAUTICAL CHARTS BRANCH

SURVEY NO. 8716

Record of Application to Charts

[illegible]

M-2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.