**Form 504**

**U. S. COAST AND GEODETIC SURVEY**

**DEPARTMENT OF COMMERCE**

**DESCRIPTIVE REPORT**

<table>
<thead>
<tr>
<th>Type of Survey</th>
<th>Topographic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field No.</td>
<td>Ph-5(45)-A</td>
</tr>
<tr>
<td>Office No.</td>
<td>T-8728</td>
</tr>
</tbody>
</table>

**LOCALITY**

<table>
<thead>
<tr>
<th>State</th>
<th>North Carolina</th>
</tr>
</thead>
<tbody>
<tr>
<td>General locality</td>
<td>Ocracoke Island</td>
</tr>
<tr>
<td>Locality</td>
<td>Ocracoke &amp; Vicinity</td>
</tr>
</tbody>
</table>

**1946-48**

**CHIEF OF PARTY**

R. J. Sipe

**LIBRARY & ARCHIVES**

DATE
DATA RECORD

T- 8728

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


Completed survey received in office: 7/27/48

Reported to Nautical Chart Section: 8/2/48

Reviewed: 11/19/48 Applied to chart No. Date:

Redrafting Completed:

Registered: 1/4/48 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): Ocracoke, 1933

Lat.: 35° 07' 02.460"(75.8m)  Long.: 75° 58' 52.982"(1341.6m) Adjusted

State Plane Coordinates (VI): Non available

X = 

Y =

Military Grid Zone (VI)
PHOTOGRAPHS (III)

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Time</th>
<th>Scale</th>
<th>Stage of Tide</th>
</tr>
</thead>
<tbody>
<tr>
<td>16095</td>
<td>7 April 1946</td>
<td>09:16</td>
<td>1:10,000</td>
<td>0.5' Above MLW</td>
</tr>
<tr>
<td>16096</td>
<td>&quot;</td>
<td>09:16</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>16097</td>
<td>&quot;</td>
<td>09:17</td>
<td>&quot;</td>
<td>&quot;</td>
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<tr>
<td>16098</td>
<td>&quot;</td>
<td>09:18</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>16209</td>
<td>&quot;</td>
<td>11:55</td>
<td>&quot;</td>
<td>1.9'</td>
</tr>
</tbody>
</table>

Tide from (III): Ocracoke Inlet (Ref. Station Hampton Roads)

Mean Range: 1.9  Spring Range: 2.3

Camera: (Kind or source) U.S. C. & G.S. 9-Lens 8½" focal length

I.Y. Fitzgerald, Photo. Aid
Field Inspection by: M.A. Stewart, Engr. Aid
S.J. Hathorn, Photogrammetrist

Field Edit by: J. K. Wilson

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

Projection and Grids ruled by (III) T.L.J. Wash. Office date: 25 Sept. 1947
" " " checked by: " " " date: 25 Sept. 1947

Control plotted by: I.I. Saperstein
date: 6 Oct. 1947

Control checked by: R.R. Wagner
date: 6 Oct. 1947

Radial Plot by: M.M. Slavney
date: 3 Nov. 1947

Detailed by: R.A. Reece
date: 6-17 Nov. 1947

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

Elevations on Map Manuscript
checked by: J.A. Giles
date: Nov. 1947
STATISTICS (III)

Land Area (Sq. Statute Miles): 5

Shoreline (More than 200 meters to opposite shore): 15 Statute mile

Shoreline (Less than 200 meters to opposite shore): 2

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:
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION</th>
<th>DATUM</th>
<th>LATITUDE OR y-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS</th>
<th>DATUM CORRECTION</th>
<th>N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>FORWARD (BACK)</td>
<td></td>
<td>FORWARD (BACK)</td>
</tr>
<tr>
<td>Ocracoke, 1933</td>
<td>Sp.Pub. 1862, P.15</td>
<td>1927</td>
<td>35° 07' 02.460&quot;</td>
<td></td>
<td></td>
<td>75.8 (1773.2)</td>
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<tr>
<td>Ocracoke L. Ho. 1851</td>
<td>G.Ps. 356</td>
<td></td>
<td>35° 06' 31.659</td>
<td></td>
<td></td>
<td>1341.6 (1777.7)</td>
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<tr>
<td>Ocracoke C.G. Sta. Cupola '35</td>
<td>G.Ps. 360</td>
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<td>35° 06' 57.844</td>
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<td></td>
<td>975.6 (873.4)</td>
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<td>Ocracoke Bu., 1935</td>
<td>G.Ps. 361</td>
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<td>35° 06' 28.308</td>
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<td>279.6 (1239.8)</td>
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<td>Coke, 1927</td>
<td>G.Ps. 579</td>
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<td>35° 06' 46.937</td>
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<td>1782.6 (668.4)</td>
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<tr>
<td>1/4 TT 4.1</td>
<td>G.E. 493</td>
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<td>35° 07' 17.63</td>
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<td></td>
<td>444.8 (1074.5)</td>
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<tr>
<td>Pipe Station A-l</td>
<td>Pos. C.E.</td>
<td></td>
<td>35° 07' 23.13</td>
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<td></td>
<td>872.4 (976.6)</td>
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<tr>
<td>Sub. Sta. A-l C.E.</td>
<td>Comp</td>
<td></td>
<td>35° 06' 33.190</td>
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<td></td>
<td>840.5 (679.0)</td>
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<tr>
<td>USED 1913</td>
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<td></td>
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</tbody>
</table>

G.Pos. not available in Tampa Office.
Statement to Accompany Descriptive Report

1. T-8728 is composed of one topographic map manuscript, scale 1:10,000. The south half of the area is water and no manuscript was prepared.

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, plottable contouring, clarification of photographic details, geographic names and boundary investigation.
   (c) Compilation by graphic methods.
   (d) Preliminary office inspection.
   (e) Field edit.
   (f) Final review of the map manuscript to insure completeness and conformance with specifications, and to include corrections in accordance with the field edit survey.
   (g) Processing
      Composite 1:20,000 scale blue line reductions are being prepared for smooth drafting. There will not be a 1:20,000 scale manuscript.

3. T-8728 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-8728 will be filed and may be obtained as follows:
   (a) Filed in the Division of Photogrammetry
      (1) T-8728, scale 1:10,000, map manuscript, field edit and final review corrections applied, and field edit sheet.
   (b) Filed in Coast and Geodetic Survey Archives
      (1) Descriptive Report
         (2) 1:10,000 scale, cloth mounted photographic print of map manuscript. (Advance print)
         (3) The above print is to be permanently registered and when T-8728 is published, a cloth backed copy of the published map will also be registered.

November 19, 1948
B. Thomas Hynson
Cartographer (Photogrammetrist)

A cloth-backed lithographic print will replace the cloth-backed photographic print.
FIELD INSPECTION REPORT  
T-8728 (35°00' 0/75°52'.5/71').5  
Project Ph-5(45)  
Sub-Project A  

Riley J. Sipe, Chief of Party

All phases of field work was completed in accordance with the 
Director's Instructions, Project Ph-5(45), Field, not dated; and 
Instructions - Project Ph-5(45) - Field, Supplemental, dated 11 
December, 1946, except for deviations herein noted. Filed in Div. of 
Photogrammetry Office Files.

The field work on this quadrangle was completed by the follow-
ing personnel:

<table>
<thead>
<tr>
<th>NAME AND TITLE</th>
<th>FIELD WORK</th>
<th>1947 DATES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Photo Aid</td>
<td>Contours</td>
<td>24 Feb – 24 Feb.</td>
</tr>
<tr>
<td>S. J. Hathorn</td>
<td>Horizontal Control</td>
<td>6 Feb – 14 Feb.</td>
</tr>
<tr>
<td>Photogrammetrist</td>
<td>Recovery</td>
<td></td>
</tr>
<tr>
<td>M. A. Stewart</td>
<td>Contours</td>
<td>17 Feb – 18 Feb.</td>
</tr>
<tr>
<td>Engr. Aid</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. **Description of the Area:**

The land area of this quadrangle is comprised of the southwest 
end of Ocracoke Island. This Island lies between Hatteras Inlet at 
the northeast end of the island and Ocracoke Inlet at the southeast 
end of the island; and is a part of the North Carolina Outer Banks. 

Many sand dunes appear in the eastern section of the quadrangle. 
The remainder of the island is a sand flat except for the village of 
Ocracoke. The land on which the village is situated is from two 
to eight feet in elevation. 

The sand flat is covered by water when moderate or stronger 
winds are blowing from the northwest or west. There are some 
scattered dunes in the sand flat.

2. **Completeness of Field Inspection:**

Field inspection is felt to be complete and adequate.

3. **Interpretation of the Photographs:**

See combined report for quadrangles T-8715 and T-8716.

4. **Horizontal Control:**

See combined report for quadrangles T-8715 and T-8716.
5. **Vertical Control:**

National Park Service bench marks were used in addition to C. & G. S. Tidal bench marks for control of contours.
As existing control was sufficient no fly levels were run.

6. **Contours and Drainage:**

Contouring was completed directly on 9-lens photographs, 1/10,000 scale. Plane table methods were used.
There is no definite drainage pattern of any kind.

7. **Mean High Water Line:**

The mean high water line was located by measurements from identifiable points of detail except around Ocracoke Inlet where it was located by plane table.
The mean high water line along the Pamlico Sound shore is very indefinite. No identifiable line could be discerned on the ground.
This part of the mean high water line is shown as being indefinite.
Along the marsh areas of the island, all of which border Pamlico Sound, an apparent shoreline is found.

8. **Mean Low Water Line:**

The mean low water line was not delineated along the open beach.
The mean low water line will coincide with the HWL along the shore of Pamlico Sound except near Ocracoke Inlet.

9. **Beaches and Shoreline Structures:**

Adequately covered on photographs.

10. **Detail Offshore from High Water Line:**

Adequately covered on photographs.

11. **Landmarks and Aids to Navigation:**

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

12. **Hydrographic Control:**

Additional horizontal control was established where needed to supplement existing control.

13. **Landing Fields and Aeronautical Aids:**

There are no landing fields in the area. However, the flat sand areas are used by light planes. These areas are subject to flooding
by strong northwest and west winds.
Ocracoke Light is a Surface Navigational Light shown on
aeronautical charts.

14. Roads:
See combined report for quadrangles T-8715 and T-8716.

15. Bridges:
There are no bridges within the limits of this quadrangle.

16. Buildings:
Adequately covered on the photographs.

17. Boundaries:
See combined report for quadrangles T-8715 and T-8716.

18. Geographic Names:
See combined report for quadrangles T-8715 and T-8716.

 Submitted:
24 February, 1947

I. M. Fitzgerald
Photo. Amt

Approved:
March, 1947

Riley J. Sipe
Chief of Party
26 AND 27. CONTROL AND RADIAL PLOT:

These items will be the subject of a special report to be submitted by H.M. Slavney, Photogrammetric Engineer, at a future date. Filed in Div. of Photogrammetry Office Files.

Attention is called to station U.S.E.D., 1913, which was recovered in the field and is described on Form No. 526; however, no geographic position is available in this office for plotting.

28. DELINEATION:

Photographs 16095, 16096, 16097, 16098 and 16209 were used for delineation. These photographs are of good scale and provide a good coverage of the area.

Field inspection was satisfactory, though scant in some sectors. No unusual difficulties were encountered in interpretation. Unclassified areas were compared with similar areas classified on adjoining quadrangles.

Pass points were sufficient for delineating much of the area. Detail points were used most extensively in the village of Ocracoke and vicinity.

All roads are compiled in accordance with amendment to Photogrammetry instructions No. 10 dated October 24, 1947. All roads are now class 7, whereas in the field inspection report they were designated class 4 in accordance with "General Instructions - Classification and Compilation of Roads" dated 30 June 1945. In Notes to Compiler, it was stated that the road traversing the island was shown by a broken line on the field prints. No such line was drawn by the field inspector on field prints 16096 or 16097. The road shown on the map manuscript is that interpreted by the compiler and has been noted to the Field Editor for investigation. Refer to Field Editor Report.

29. SUPPLEMENTAL DATA:

None used.

30. MEAN HIGH-WATER LINE:

The mean high-water line is shown as indicated by the Field Inspector.
31. LOW-WATER AND SHOAL LINES:

The low-water line has been delineated and labeled "approximate", since the Field Inspector did not indicate it.

The approximate limits of the shoal areas in Pamlico Sound have been delineated with a dashed line.

32. DETAILS OFFSHORE FROM HIGH-WATER LINE:

Off shore details were adequately described on field photographs and have been delineated accordingly.

33. WHARVES AND SHORELINE STRUCTURES:

All docks, piers and other structures along the shoreline 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. Form No. 567 has been requested of the field editor for Cockle Shoal Light. Refer to Field Edit Report Copies attached also, Form 514 cards (Rec. Topo Sta.) on all aids and buoys, plus Wade, '94, which is marked by a disk.

35. LANDING FIELDS AND AERONAUTICAL AIDS:

None. Reference is made; however, to item No. 13 of the Field Inspector's report for further information.

37. BOUNDARIES:

No political boundary data have been received from the field.

38. CONTOURS:

Contours were transferred directly from the field inspection photographs to the map manuscript. No difficulties or unusual conditions were encountered.

39. GEOGRAPHIC NAMES:

Geographic names have been assigned as shown on copies of U.S. C. & G. S. Nautical Charts No. 419 and No. 1232 sent from the Washington Office with all the established names given. List of approved names attached to this Desc. Report.
44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

There are none available in this office for comparison.

45. COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with nautical charts No. 1232 (scale: 1:80,000) dated 23 February 1946, and number 419 (scale 1: 40,000) bearing a print date of 19 October 1946. There are no changes worthy of note.

Respectfully submitted,

Richard A. Reece
Engr. Draftsman

Approved and Forwarded:

George E. Morris, Jr.
Chief of Party.
I recommend that the following objects which have been inspected from seaward to determine their value as landmarks, be charted on the charts indicated.

The positions given have been checked after listing by

Robert R. Wagner

Riley J. Slips

Chief of Party

<table>
<thead>
<tr>
<th>CHARTING NAME</th>
<th>DESCRIPTION</th>
<th>SIGNAL NAME</th>
<th>LATITUDE</th>
<th>POSITION</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOWER</td>
<td>Steel, abandoned radar (75' high)</td>
<td></td>
<td>35 06</td>
<td>727</td>
</tr>
<tr>
<td>TANK</td>
<td>(Elev.) Wood, (75' high)</td>
<td></td>
<td>35 07</td>
<td>10</td>
</tr>
<tr>
<td>CUPOLA</td>
<td>Ocracoke Coast Guard Station</td>
<td></td>
<td>35 06</td>
<td>1711</td>
</tr>
</tbody>
</table>

L. 832 (1947)

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 not by individual field survey sheets. Information under each column heading should be given.
I recommend that the following objects which have been inspected from seaward to determine their value as landmarks, be charted on the charts indicated.

The positions given have been checked after listing by...

---

### Charting Details

**State**: North Carolina

<table>
<thead>
<tr>
<th>Charting Name</th>
<th>Description</th>
<th>Signal Name</th>
<th>Position</th>
<th>Datum</th>
<th>Method of Location and Survey</th>
<th>Date of Location</th>
<th>Harbor Chart</th>
<th>INSPECTION CHART</th>
<th>Charts Affected</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teaches Hole Channel Light</td>
<td>35 05 802 75 59 1102</td>
<td>N.A. 1927</td>
<td>Plane table</td>
<td>1948</td>
<td>x</td>
<td>1231 418</td>
<td></td>
<td></td>
<td>1232 419</td>
</tr>
<tr>
<td>Cockle Shoal Light</td>
<td>35 06 765 75 59 826</td>
<td></td>
<td></td>
<td></td>
<td>&quot;</td>
<td>&quot;</td>
<td>x</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>Silver Lake Entrance Light</td>
<td>35 06 1631 75 59 628</td>
<td></td>
<td></td>
<td></td>
<td>&quot;</td>
<td>&quot;</td>
<td>x</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
</tbody>
</table>

Note:

Positions of Aids have been replotted and checked.

Each one is in a slightly different position from the one cut in radially.

---

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 not by individual field survey sheets. Information under each column heading should be given.
## Nonfloating Aids or Landmarks for Charts

Morehead City, N.C.  
17 February, 1947

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

The positions given have been checked after listing by Mr. Fitzgerald, Photo. Aid

Riley J. Sine, Chief of Party.

### Charting Name

<table>
<thead>
<tr>
<th>State</th>
<th>North Carolina</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chartist</td>
<td>Fitzgerald</td>
</tr>
<tr>
<td>Date</td>
<td>1947</td>
</tr>
<tr>
<td>Page</td>
<td>1</td>
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</table>

<table>
<thead>
<tr>
<th>Charting Name</th>
<th>Description</th>
<th>Signal Name</th>
<th>Latitude D.M.</th>
<th>Longitude D.M.</th>
<th>Datum</th>
<th>Method of Location and Survey No.</th>
<th>Date of Location</th>
<th>Harbor Chart Affected</th>
</tr>
</thead>
<tbody>
<tr>
<td>House</td>
<td>No description. Confusing with other houses nearby</td>
<td>charting</td>
<td>35-06.3</td>
<td>75-59.3</td>
<td>1927</td>
<td>unknown</td>
<td>unknown</td>
<td>x 1231</td>
</tr>
<tr>
<td>Tank</td>
<td>(Elev) Low horizontal, not visible offshore</td>
<td>charting</td>
<td>35-06.9</td>
<td>75-59.2</td>
<td>NA</td>
<td>unknown</td>
<td>unknown</td>
<td>x 1231, 419</td>
</tr>
<tr>
<td>Hill</td>
<td>Low and easily confused with other hills</td>
<td>charting</td>
<td>35-07.4</td>
<td>75-56.1</td>
<td>1927</td>
<td>unknown</td>
<td>unknown</td>
<td>x 1232</td>
</tr>
</tbody>
</table>

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 not by individual field survey sheets. Information under each column heading should be given.
FIELD EDIT REPORT
Quadrangle T-3728
35°00'0.0 - 75° 52.5'/75° 52.5/7.5
Project Ph-5(45)
Riley J. Sipe, Chief of Party

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

46. METHODS

The island of Ocracoke was inspected by truck, traversing all available roads. All features added to the compilations were plotted from topographic features or cut in by planetable. The area along the western portion of Ocracoke Island was inspected by boat. All aids to navigation were cut in by planetable on an aluminum mounted sheet.

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 found to be adequate. The field inspection was very scant in the vicinity of the village of Ocracoke. Numerous notes which would have been very beneficial to the compiler were omitted.

All aids to navigation were cut in by planetable methods. Teachey Hole Channel Light, Cockle Shoal Light and Silver Lake Entrance Light were verified by at least two planetable cuts on the aluminum mounted sheet.

Ocracoke Beacon, 1935 has been destroyed and replaced by Cockle Shoal Light which is located about 100 meters south of the old beacon position.

Big Foot Slough Light 5 which was located just northwest of this quadrangle has been destroyed.

A concrete road (9 feet wide) has been constructed from the U. S. Coast Guard Station to the eastern portion of Ocracoke.

The road along the Plains is only in its approximate position. The sand is constantly shifting and is also covered by water depending on the direction of the winds.
48. ACCURACY TESTS

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

18. GEOGRAPHIC NAMES

The names LITTLE OYSTER CREEK and OYSTER CREEK, which are located in the northeastern portion of the village of Ocracoke are no longer used. The area has filled in. It is recommended that the names LITTLE OYSTER CREEK and OYSTER CREEK be deleted.

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. He is highly familiar with the area and was very helpful.

Submitted:
10 June 1948

Joseph K. Wilson
Joseph K. Wilson
Cartographer

Approved:
10 June 1948

Riley J. Sipe
Chief of Party
<table>
<thead>
<tr>
<th>Name on Survey</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
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<tr>
<td>Pamlico Sound</td>
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</table>

Names underlined in red are approved. 11/19/48 D. E. Eck.
DIVISION OF PHOTOGRAMMETRY
Review Report of
Topographic Map Manuscript T-8728

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

26 Control

National Park Service third order bench marks are located at half mile intervals along the barrier beach, and are described as mile posts, MP 56.0, MP 56.5 etc. Only one recovered bench mark has been shown on the map manuscript by the appropriate BM symbol.

26 Detailing

The original delineation was adequate except for minor corrections and changes made by the reviewer.

The woodland classification was changed to agree with Photogrammetry Instructions No. 21

The Big Foot Slough Channel was deleted from the manuscript because it is not discernable on the photographs.

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 Landmarks and Aids to Navigation

A form 524 was prepared in the Washington Office for Cockle Shoal Light since none was submitted with the map manuscript.

39 Geographic Names

Geographic names were investigated by the field inspection party and have been approved by the Geographic Names Section of the Division of Charts. Attached following the review report, is a list of all geographic names for T-8728. A special Geographic Names Report, Ph-5, is filed in the Geographic Names Section of the Division of Charts.

41 Comparison with Existing Topographic Quadrangles

Comparison was made with the following and all topographic features in common areas are superseded by T-8728:

- 376 1:20,000 1852
- 622 1:10,000 1857-1866
- 792 1:20,000 1860-1866
- 2737 1:20,000 1905
- 6924 1:10,000 13°2-13°43"
There are no contemporary hydrographic surveys.

13 Comparison with Nautical Charts

See sub heading 14 in the compilation report.

T-3728 has not been applied to nautical charts as of the date of this review.

14 Accuracy Tests

Horizontal

A horizontal accuracy test was made. The combination of adequate field photographic coverage, aerial radial plot methods and the adequate horizontal control incurs a horizontal accuracy equal to or better than the 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. The unstable characteristics of the dunes on the barrier beach render any test useless.

Accuracy Statement

The published map will carry the following statement:

"This map complies with National Standards of Map Accuracy", supplemented by appropriate statements on unstable features.

Reviewed by:

B. Thomas Hyatt

B. Thomas Hyatt Nov 17, 1943

Approved by:

L. V. Griffith

Chief, Review Section F.H.

W. H. Emmons

Chief, Nautical Chart Branch, Division of Charts

K. T. Adams

Chief, Div. of Photogrammetry

W. M. Acuff

Chief, Div. of Coastal Surveys
Record of Work Subsequent to the Manuscript Review, that is, Smooth Drafting, Checking, and Printing

Smooth Drafting: 1 February 1949

Checking: 9-10 February 1949

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

28 February 1949

Color proof furnished by the Geological Survey and examined by

_________________________  __________________
Name  Date

Published by the Geological Survey.
## Nautical Charts Branch

**Survey No. 823**

Record of Application to Charts

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<td>Before After Verification and Review, then 7-1970-72, which were fully approved</td>
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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.