

8735

Diag'd. on Diag. Ch. No. 1233

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey TOPOGRAPHIC

Field No. Ph-5(45)A Office No. T-8735

LOCALITY

State North Carolina

General locality Core Sound

Locality Core Banks

194 6-'49

CHIEF OF PARTY

R.J.Sipe

LIBRARY & ARCHIVES

DATE January 9, 1950

B-1870-1 (1)

8735

DATA RECORD

T- 8735

Quadrangle (II): Topographic Manuscript

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

Field Office: Morehead City, N.C. Chief of Party: Riley J. Sipe
Lieut. Comdr.Compilation Office: Tampa, Florida Chief of Party: Ross A. Gilmore
Lieut. Comdr.

Instructions dated (II III): Undated

Copy filed in Descriptive Office files,
~~Report No. T-~~ (VI) Div of Photg

Completed survey received in office: 3/15/48

Reported to Nautical Chart Section: 3/24/48

Reviewed: 10/14/49 Part. Applied to chart No. 1233 Date: 2/25/49

Redrafting Completed:

Registered: 12/22/49

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): Harbor Island Beacon, 1933
~~Harbor Island Bar Light House, 1932~~ [No longer Δ]Lat.: ~~35° 00' 26" 117 (804.8m)~~ Long.: ~~76° 13' 17" 558 (445.2m)~~ Adjusted
34° 58' 32.236 (993.4m) 76° 13' 29.660 (752.4m) Unadjusted

State Plane Coordinates (VI): N. Carolina State Grid

X =

Y =

Military Grid Zone (VI)

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
16103	7 April 1946	0923	1:10,000	1.2 feet
16104	"	0924	"	1.2 feet
16105	"	0925	"	1.2 feet
16106	"	0926	"	1.2 feet
16107	"	0927	"	1.2 feet
16203	"	1146	"	1.6 feet
16204	"	1147	"	1.6 feet
Single lens Photo.				
Nos. 3 to 19	7 July 1947	1130	"	1.3 feet

Tide from (III): Hampton Roads
Sub. Sta. Ocracoke

Mean Range: 1.9 Spring Range: 2.3 |

Camera: (Kind or source) U.S. C. & G.S. Nine-lens 8 $\frac{1}{4}$ " focal length
U.S.M.C. Single lens Camera

Field Inspection by: Wm M. Reynolds, Engr. Aid date: June 10-
E.L. Williams, Engr. Aid Aug. 12, 1947
G.E. Varnadoe, Topo. Engr.

Field Edit by: *E.T. Jenkins* date: *1/14/49*

Date of Mean High-Water Line Location (III): 10 June - *12 Aug.* ~~23 July~~, 1947

Projection and Grids ruled by (III) T.L.J. (Wash. O.) date: 24 Sept. 1947

" " " checked by: T.L.J. " " date: " "

Control plotted by: R.J. Pate date: 31 Oct.-4 Nov. '47
19 Jan. 1948

Control checked by: M.M. Slavney date: 4 Nov. 1947
R.A. Reece 19-22 Jan., 1948

Radial Plot by: M.M. Slavney date: 16 Feb. 1948

Detailed by: N/2 R.A. Reece date: Feb. 1948
S/2 R.R. Wagner

Reviewed in compilation office by: J.A. Giles date: Feb. 1948

Map Manuscript
Elevations on ~~field notes~~ checked by: J.A. Giles date: Feb. 1948

STATISTICS (III)

Land Area (Sq. Statute Miles): 4.5

Shoreline (More than 200 meters to opposite shore): 34.5 Statute miles

Shoreline (Less than 200 meters to opposite shore): 32 Statute miles

Number of Recoverable Topographic Stations established: 13

Number of Temporary Hydrographic Stations located by radial
plot: None

Leveling (to control contours) - miles: 9

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:

Summary Report to Accompany T-8735

Topographic map T-8735 is one of 37 standard $7\frac{1}{2}$ minute maps in project Ph-5(45) and is along the eastern limits of the project. It covers a portion of the Core Banks in the vicinity of Swash Inlet. This is a planetable contouring project. T-8735 is composed of two complete topographic map manuscripts at a scale of 1:10,000. Each map manuscript is $3\frac{3}{4}$ ' in latitude and $7\frac{1}{2}$ ' in longitude.

The several mapping operations were:

- (a) Nine-lens aerial photography and laboratory processing, 1:10,000 scale.
- (b) The field survey including identification of shoreline, planetable contouring, identification and establishment of horizontal control, (there was no vertical control), clarification of photographic detail and geographic names investigation.
- (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.
- (g) Processing
Composite 1:20,000 scale glass plate negative reductions are being prepared for transmittal to the Geological Survey. There will be no 1:20,000 scale manuscript.

T-8735 will be published and distributed by the Geological Survey at a scale of 1:24,000 as a standard topographic quadrangle in accordance with an agreement of March 25, 1947.

Data pertaining to T-8735 will be filed and may be obtained as follows:

- (a) Filed in the Division of Photogrammetry
 - (1) T-8735 N and 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; work having been done on the discrepancy prints.
- (b) Filed in the Coast and Geodetic Survey Archives
 - (1) Descriptive Report
 - (2) 1:10,000 scale, cloth mounted lithographic print of map manuscript T-8735 N/2.
 - (3) 1:10,000 scale, cloth mounted lithographic print of map manuscript T-8735 S/2.
 - (4) The above prints are to be permanently registered under one number, T-8735, and when T-8735 is published, a cloth backed copy of the published map, at a scale of 1:24,000, will be also registered.

FIELD INSPECTION REPORT
T8735 (34°54.0' - 35°01.5')(76°07.5' - 76°15.0')
Project Ph-5(45)
Sub-project A

Riley J. Sipe, Chief of Party

All phases of the field work was done in accordance with the Director's Instructions, Ph-5(45), Field and Supplement 1 to the above, dated 11 Dec. 1946, except for deviations noted herein.

The field work on this Quadrangle was accomplished by the following personnel:

<u>Name and Title</u>	<u>Work Accomplished</u>	<u>Dates</u>
Williams, E.L. Engr. Aid	Contours & Field Inspection	June 10-13, 1947
Reynolds, W.M. Engr. Aid	Recovery & Shoreline Core Banks	June 10 - July 23, 1947
Varnadoe, G.E. Topo. Engr.	Shoreline - NW Corner Quad.	Aug. 12, 1947

1. Description of the Area

The land embraced by this quadrangle is a narrow beach, known as Core Banks, located between Core Sound and the Atlantic Ocean and is the eastern-most land area along the North Carolina Coast. Almost the entire area is composed of sand dunes and salt-sand flats which support scattered patches of grass. Core Sound has deposited enough mud on the western side to support some Marsh, varying in width from a narrow fringe to several hundred feet.

The north-western part of the quadrangle embraces a part of Hog Island and several other smaller islands namely, Wainwright, Harbor, Chainshot and Shell Islands.

There are no 5 foot contours in this part of the quad.

A dredged Channel in Core Sound passes through the quadrangle from SW to NE.

2. Completeness of Field Inspection

It is believed that the field inspection is adequate and complete.

3. Interpretation of the Photographs

As the Photography is of a recent date no great difficulty was encountered in the interpretation of the Photographs, except along the ocean side where the shoreline is constantly changing. New single lens Photographs were furnished by the U.S. Marine Corps Air Station at Cherry Point and the Shoreline should be drafted from these. *Note of merge less photos July 1947*

4. Horizontal Control

No triangulation was recovered. The platform that supported Harbor Island Bar Lighthouse 1932 still remains and was identified on the Photographs.

In accordance with the instructions each photograph was fixed along the flight line by a specially located control station along a line through the photograph center approximately normal to the line of flight.

These stations were located by triangulation methods and marked by Standard Topographic Stations.

5. Vertical Control

A fly level line was run from a U.S.E. Bench Mark at Drum Inlet to another U.S.E. Bench Mark at Swash Inlet. The error was 0.7 feet and the elevations were adjusted accordingly. This level line was continued to the NE limits of the quadrangle where the line entered quad 8727. For closure of this line see report for quad 8727.

Fly level points were spotted throughout the line to aid in the contouring.

6. Contours and Drainage

The contours in this area are chiefly isolated around sand dunes but parts of the beach along the Atlantic Ocean was found to be above the 5 foot contour. The contouring was done directly on 9 lens photographs Nos. 16103 thru 16107. Standard Plane-table methods were used. No definite drainage exists in the quadrangle.

7. Mean High Water Line

Single lens Photographs, dated 7 July were used for Shoreline inspection.

The shoreline along the ocean side was driven and inspected by Jeep and where topographic features were distinguishable, measurements were taken to the M.H.W.L.

The shoreline along Core Sound, which is almost entirely grass (apparent shoreline) was inspected by Jeep and by walking along the shoreline.

There is no perceptible periodic tide in Core Sound and inspection proved that the M. H. W. L. is correct as photographed.

8. Mean Low Water Line

The M.L.W.L. could not be adequately inspected, but where possible the approximate M.L.W.L. was delineated on the photographs.

9. Wharves and Shoreline Structures

There are no wharves or shoreline structures in this quadrangle.

10. Detail Offshore From the High Water Line

All detail visible from the shoreline is discernible on the photographs and has been labeled.

11. Landmarks and Aids to Navigation

No charted landmarks fall within the limits of this quadrangle.
One landmark is recommended for charting and is reported on form

567.

^{Twelve} Eleven non-floating aids fall within the limits of this quadrangle.
Core Sound Lights 5 and 7 were pricked direct and labeled on photograph
No. 16204. The remaining aids were located by theodolite and Sextant cuts.

12. Hydrographic Control

In accordance with the instructions for this project the existing horizontal control was supplemented by Topographic stations in order to have horizontal control at approximately one mile intervals. Where natural objects were not available these stations were marked by Standard Topographic Stations.

13. Landing Fields and Aeronautical Aids

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

14. Road Classification

There are no roads within this quadrangle.

15. Bridges

No bridges exist in this quadrangle.

16. Buildings and Structures

Only ³⁵ small buildings worthy of charting exist within the limits of this quadrangle.

All others have been deleted.

17. Boundary Lines and Monuments

There are no boundary ~~lines or~~ monuments within this quadrangle.

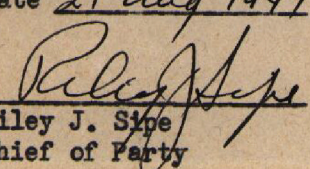
See review report

18. Geographic Names

Geographic names were investigated in the field and will be the subject of a special report by Mr. A.J. Wraight, Topographic Engineer.

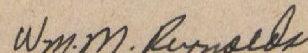
Approved and Forwarded:

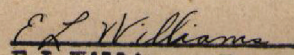
Date 21 Aug 1947


Riley J. Sipe
Chief of Party

Submitted:

Date 21 Aug 1947


Wm. M. Reynolds
Engr. Aid


E.L. Williams, Engr. Aid.

TO BE CHARTED
DOXBERGER, BERGER

STRIKE OUT ONE

MONITORING AIDS/OR LANDMARKS FOR CHARTS

7-8735

Morehead City, N.C.

30 July

1947

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

The positions given have been checked after listing by

R. A. Reece, Engr. Draftsman
Tampa Photogrammetric Office

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 not by individual field survey sheets. Information under each column heading should be given.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR/NAVIGATIONAL AIDS FOR CHARTS

TO BE CHARTED
~~TO BE CHARTED~~

STRIKE OUT ONE

Morehead City, N.C. 30 July 1947

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

The positions given have been checked after listing by *Richard P. Heese*

H. A. Heese, Engr. Draftsman

Tampa Photogrammetric Office

Wiley J. Sipe

Chief of Party.

STATE			North Carolina			POSITION						METHOD OF LOCATION AND SURVEY No.		DATE OF LOCATION		HARBOR CHART		INSHORE CHART		OFFSHORE CHART		CHARTS AFFECTED	
CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE		LONGITUDE		DATUM																
			°	'	D. M. METERS	°		'	D. P. METERS														
CORE	SOUND LIGHT 16		34	56	728	76 14	1366	NA	1927	Rad Plot T-8735	1947	X			1233							419	
CORE	SOUND LIGHT 15		34	56	1261	76 13	1307	"	"	"	"	"			"							"	
CORE	SOUND LIGHT 13		34	57	534	76 13	1113	"	"	"	"	"			"							"	
CORE	SOUND LIGHT 11		34	58	946	76 13	433	"	"	"	"	"			"							"	
GOULDS LUMP DAY BEACON			34	58	1136	76 13	770	"	"	"	"	"			"							"	
CORE	SOUND LIGHT 9		34	58	1426	76 13	167	"	"	"	"	"			"							"	
CORE	SOUND LIGHT 7		34	58	1811	76 12	992	"	"	"	"	"			"							"	
CORE	SOUND DAY BEACON 5A		34	59	346	76 12	1504	"	"	"	"	"			"							"	
CORE	SOUND LIGHT 5		34	59	619	76 12	633	"	"	"	"	"			"							"	
CORE	SOUND LIGHT 3		34	59	1529	76 12	437	"	"	"	"	"			"							"	
CORE	SOUND LIGHT 2		35	00	483	76 12	328	"	"	"	"	"			"							"	
LOWER HODGE REEF BN (N. of Limits of Manuscript & Proj.)			35	01	1025	76 11	667	"	"	"	"	"			"							"	

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.

January 11, 1949

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

The positions given have been checked after listing by

John C. Richter, Tampa Photogrammetric Office

Ross A. Gilmore
Chief of Party.

Note: Revised position of above Lights submitted on Form 567 (to be charted)

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 the hydrographic office. Information under each column heading should be given.

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)
Harbor Island Bar L.H., 1932	Sp.Pub. pp 15 line 9	N.A. 1927	35 00	26.117				804.8	(1044.1)		
Harbor Island BN 1933	G.Ps. pp 408 Line 2	"	76 13	17.558				445.2	(1076.1)		
Flop, 1947	Field 3rd order Triang.		34 58	32.236				993.4	(855.6)		
Inlet, 1947	"		76 13	29.660				752.4	(769.5)		
Arne, 1947	"		35 00	29.082			Topo disk	896.2	(952.8)		
Cons	Pricking card Trav.		76 07	53.618				1359.5	(161.8)		
Fogg	"		34 58	45.598				1405.1	(443.8)		
Howl, 1947	G.P. Comp Office	N.A. 1927	76 09	49.647				1259.3	(262.6)		
Stake, 1947	"	"	34 57	08.931				275.2	(1573.7)		
			76 11	20.782				527.3	(995.1)		
			34 57	28.361				874.0	(975.0)		
			76 11	07.565				191.9	(1330.4)		
			34 59	58.713				1815.5	(33.5)		
			76 08	25.676				651.1	(870.4)		
			34 56	10.457				322.2	(1526.7)		
			76 12	39.263				996.4	(526.3)		
			34 54	50.913				1568.9	(280.0)		
			76 14	13.782				349.9	(1173.2)		

COMPILATION REPORT
TO ACCOMPANY
TOPOGRAPHIC QUADRANGLE T-8735

26 AND 27. CONTROL AND RADIAL PLOT:

These are the subject of a special report submitted 26 February, 1948 by Milton M. Slavney, Photogrammetric Engineer.

*Filed in Div of Photogram
General Files*

28. DELINEATION:

This quadrangle has been delineated according to the latest instructions for this project.

The photographs used were of fair scale and of sufficient coverage for a thorough delineation of most areas.

The field inspection was adequate on the nine-lens field photographs but not so on the single lens photographs furnished by the U. S. Marine Air Station at Cherry Point. Since the single lens photographs are the latest photographs of the area they were used as extensively as possible, but the interpretation is mainly that of the compiler.

On the south half of the map manuscript most of the detail points were established by the inter-section of only two radial lines. This happened because there was only one flight of photographs and the centers fell along the narrow strip of land being mapped.

29. SUPPLEMENTAL DATA:

None.

30. MEAN HIGH-WATER LINE:

The position of the mean high-water line along the Atlantic ocean side of Merkle Hammock and part of Core Banks was delineated as approximate.* This was done because of frequent changes due to storms. The same detail points could not be pricked on both flights of photographs, so the shoreline was delineated by placing areas common to both flights on the map manuscript and then the single lens photographs were adjusted as nearly as possible to the shorelines common to both flights. Because of the frequent changes of the shoreline it will probably remain approximate at all times. See Field Inspection Report item No. 7.

** The shoreline is correct as of the date of the photographs July 1947 but is subject to frequent change. It should be called "changeable" rather than approximate.*

note as of 7-27-47. Bgg

31. LOW-WATER AND SHOAL LINES:

Since much of the area is subject to frequent changes the geographic positions of the shoal areas and channels are only approximate. The ~~low-water and~~ shoal lines were delineated according to the single lens photographs wherever possible as recommended in the field inspection report.

32. DETAILS OFFSHORE FROM THE HIGH-WATER LINE:

None requiring further investigation by the hydrographic party.

33. WHARVES AND SHORELINE STRUCTURES:

The field inspection is incorrect in this report under item No. 9. One pier was found on both the nine-lens and single lens photographs at approximate Latitude $34^{\circ} 57'1$ and Longitude $76^{\circ} 11.9'$

34. LANDMARKS AND AIDS TO NAVIGATION:

One landmark is recommended for charting. It is listed on form 567.

Only two cuts each were made on Core Sound Lights, No. 13 and 15, - Reloaded during field edit.
so there is some doubt as to the exactness of their geographic positions. Other aids were "Cut in", satisfactorily.

35. HYDROGRAPHIC CONTROL:

See Field Inspector's Report, item No. 12.

36. LANDING FIELDS AND AERONAUTICAL AIDS:

There are none within this quadrangle.

38. POLITICAL BOUNDARIES:

There are no boundary ~~lines or~~ monuments within this quadrangle.

39. GEOGRAPHIC NAMES:

Geographic names as shown on the name sheet received from the Washington Office have been applied to the map manuscript.

40. CONTOURS:

Contours were taken from nine-lens field photographs 16103 through 16107. See Field Inspector's Report, item six. Some contours were pulled inside the mean high-water line where the contours did not agree with the single lens prints. This was on the Atlantic Ocean side only.

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

None available for comparison.

45. COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with nautical chart 419 having a print date of 9 October, 1946 and a scale of 1:40,000. Both the ocean and sound sides of Core Banks and Merkle Hammock have undergone many changes.

Filling and erosion are apparently going on constantly. Many inlets have been closed on the Atlantic ocean side. There is a pier located at approximate Latitude $34^{\circ} 57'1$ and Longitude $76^{\circ} 11.9$ which is not on the nautical chart.

The topographic manuscript should supersede the present charted information.

Respectfully submitted,

Richard A. Reece

Richard A. Reece,
Engr. Draftsman

Robert R. Wagner
Robert R. Wagner
Photo. Aid

Approved and forwarded:

Ross A. Gilmore

Ross A. Gilmore,
Chief of Party.

GEOGRAPHIC NAMES

Survey No.

T-8735

1

Name on Survey

	On Chart No.	On previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List	
A	B	C	D	E	F	G	H	K	
North Carolina	✓							USGB	1
Atlantic Ocean	✓								2
Core Banks	✓		(Swash Inlet is northeasterly limit)					USGB	3
Core Sound	✓								4
Pamlico Sound	✓							USGB	5
Portsmouth Island	✓		(Swash Inlet to Curacoa Inlet; Merkle Hammock is part of it)					"	6
									7
Long Point Inlet	✓								8
The Sands	✓								9
House									
Old Warham Wash									
Old House Beach	✓								12
Sand Island Inlet	✓								13
Sand Island	✓								14
Cricket Island	✓								15
Cricket Island Inlet	✓								16
Cricket Island Point	✓								17
George Hills	✓								18
Mud Island	✓								19
Cowpen Point	✓								20
Pilontary Islands	✓								21
Swash Inlet	✓								22
Millet Shoal									23
Merkle Hammock	✓								24
Kathryne Jane Islands	✓								25
King Fish Shoal									26
Harbor Island Bar									27

GEOGRAPHIC NAMES

Survey No.

T-8/35

GEOGRAPHIC NAMES											
Survey No. T-8735											
2 Name on Survey											
</											

FIELD EDIT REPORT
Quadrangle T-8735
34 54.0'-35 01.5'/76 07.5-76 15.0'
Project Ph-5(45)

Riley J. Sipe, Chief of Party

The field edit of this quadrangle was accomplished during the period 7 January to 14 January 1949 by Elgan T. Jenkins, Cartographer. All work was performed in accordance with Field Edit Instructions dated 24 August 1945 and Supplement 1, dated 4 February 1946.

46. METHODS:

There are no roads within the limits of this quadrangle, and such features as structure, drainage and contours were checked by visual examination or by planetable methods. The Core Banks were inspected by truck from Drum Inlet to Swash Inlet, but no attempt was made to change the contours or M.H.W.L. on Core Banks. 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.

Core Sound Light # 13 and # 15 were located by using a repeating theodolite and the results shown on forms 24A.

The answers to questions asked on the discrepancy prints have been answered on those prints. One name has been recommended for deletion on the geographic name sheet. This name was thoroughly investigated by contacting several residents in and around Atlantic, N.C. The list of names shown as reference and other people contacted do not know of this name at the present time.

47. ADEQUACY OF THE COMPILATION:

The compilation of this quadrangle was adequate. The small pier shown by the compiler at approximate latitude 34-57.1 and longitude 76-11.9 does exist and should be shown.

No attempt should be made to show a M.L.W.L. in Core Sound of this quadrangle, as observation and local information discloses there is no more than two or three inches between M.H.W. and M.L.W.

The changes that have taken place on Core Banks since Field Inspection has been tremendous. Where Sand Island Inlet existed, there is sand five feet above M.H.W and the inlet shown on Merkle Hammock is almost filled with sand. Local residents of Atlantic and other towns nearby state that the Core Banks are subject to changes with each storm, with new inlets being washed through the Banks, and old inlets being closed. Apparently this shoreline is subject to frequent changes and should be shown as suggested by Mr. B.G. Jones under item 30 of the compilation report.

48. ACCURACY TESTS:

No accuracy test was required for this quadrangle but it is believed that this map complies with the horizontal and vertical accuracies specified.

The map manuscript was examined by Mr. Clayton Fulcher, Jr. resident of Atlantic, N.C. for the past 20 years. Mr. Fulcher's experience as an officer in the Navy makes him well qualified to examine the map manuscript. Mr. Fulcher could find no errors in the map.

Submitted:
24 January 1949

Elgin T. Jenkins
Elgin T. Jenkins
Cartographer
(src)

Approved:
24 January 1949

Riley J. Sipe
Riley J. Sipe
Chief of Party

Note:

No field edit print received after field edit
Evidently one is not needed.

src

Review Report T-8735
Topographic Map
October 14, 1949

62. Comparison with Registered Topographic Surveys

1016	1866	1:20,000
1020	1866	1:20,000
8043	1942-1945	1:20,000

All areas of the above topographic surveys common to the map are unqualifiedly superseded for the purpose of nautical charting.

63. Comparison with Maps of other Agencies

None

64. Comparison with Contemporary Hydrographic Survey

None

65. Comparison with Nautical Charts

419	1946
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66. Adequacy of Results and Future Surveys

This map complies with the project instructions and Bureau policy. There are no inadequacies except those stated in paragraph 47 of the field edit report. The map complies with the National Standards of Accuracy.

67. Control

Triangulation station Harbor Island Bar Lighthouse, 1932, has been designated as a topographic station since the light has been removed and only the support remains. Form 524 has been submitted for this station. A form 526 was submitted for triangulation station "Harbor Island Beacon, 1933".

68. Detailing

There are numerous areas shown on the field inspection photographs as being awash at mean high water. The approximate outline of these areas has been shown with a dotted line. This is not to be confused with a mean low water line as there is a negligible periodic tide in Pamlico Sound.

69. Geographic Names

The name, Harbor Island Rock, has been deleted, as the feature no longer exists. The name, Old House Wash, has also been deleted as the field editor shows the name as being unknown by three residents of Atlantic, N.C. (See geographic names print, T-8735 S/2)

70. Boundaries

There are two townships that have been added to the map manuscript and the boundary between them has been shown. They are Cedar Island and Portsmouth Townships. BTH

Reviewed by:

B. Thomas Hynson
B. Thomas Hynson 10-14-49

Approved by:

L. V. Griffith *R.H.M.*
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SURVEY No. 8735

Record of Application to Charts

Date	Chart	Cartographer	Remarks
11-8-61	419	D.W. Jones	After Verification, & Review - part appld.
9-30-69	419	J. Beeler	" " " " Fully " Mostly Superseded by 39 Photos
6-9-70	1231	E. Frey	fully appld vis ch/ 1233 & 28