8976

Diag. Cht. No. 1229 & 1232

Form: 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey TOPOGRAPHIC Field No. Ph-20 (47) Office No. LOCALITY State NORTH CAROLINA General locality PAMLICO SOUND Locality LONG SHOAL RIVER TO SANDY BAY 19#

CHIEF OF PARTY

E. R. McCarthy, Chief of Field Party

A. L. Wardwell, Tampa Photogrammetric Office

LIBRARY & ARCHIVES

DATE

8-1870-1 (1)

T - 8976

Project No. (II): Ph-20 (47) Quadrangle Name (IV):

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

Chief of Party: E. R. McCarthy

Photogrammetric Office (III): Tampa, Florida

Officer-in-Charge: A. L. Wardwell

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): Inapplicable

Scale Factor (III):

None

Date received in Washington Office (IV)DEC 7 1950 Date reported to Nautical Chart Branch (IV):DEC1 3 1950

Applied to Chart No.

Date:

Date registered (IV): 12 Sept 1952

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III):

N. A. 1927

Vertical Datum (III): M.5.L.

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): PAIN, 1933

Lat.: 35° 34° 37°173 (1145.6m) Long.: 75° 47° 00°229 (5.8m)

Adjusted **Unadjusted**

(LAMBERT)

Plane Coordinates (IV):

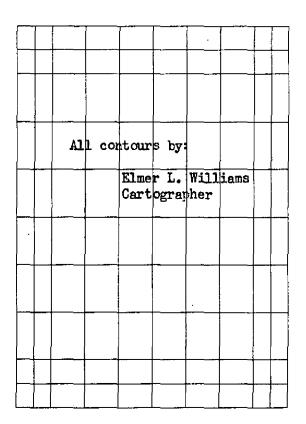
State: N.C.

Y= 680,401.86 ft.

x= 2,956,313.87 ft.

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.



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

DATA RECORD

Field Inspection by (II): Elmer L. Williams

Date: 2 February 1949

8 September 1949

Planetable contouring by (II): Elmer L. Williams

Date: 2 February 1949

8 September 1949

Completion Surveys by (II): J.E. Hundley

Date: 26 June 1951

Mean High Water Location (III) (State date and method of location):

Air Photographic Compilation

Date of 24000 series photographs 21 December 1948
Minor change by planetable in vicinity of Long Shoal Pt., 26 June 1951.

Projection and Grids ruled by (IV): W. E. W. (W. O.)

Date: 1 July 1948

Projection and Grids checked by (IV): W. E. W. (W. O.)

Date: 1 July 1948

Control plotted by (III):

R. R. Wagner

Date: 12 October 1948

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

Date: 22 October 1948

Radial Plot on Steresscenia

CERTAODEXTENSION by (III): M. M. Slavney Date: 19 April 1950

Planimetry

Stereoscopic Instrument compilation (III): Inapplicable Date:

Contours

Date:

Manuscript delineated by (III): R. R. Wagner

Date: 26 May 1950

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

June 1950 Date:

Elevations on Manuscript

checked by (III):

R. R. Wagner

Date: 25 May 1950

		PHOTOGRAPHS (II	1)	
Number	Date	Time	Scale	Stage of Tide
21518	18 Dec.1947	11:27	1:20,000	+ No tide
21519	18 Dec.1947	11:27	H	
22110	29 Mar. 1948	11:45	ii.	
22111	29 Mar.1948	11:46	ii ii	
22112	29 Mar.1948	11:47	ii ii	
24105	21 Dec.1948	11:53	11	
24106	21 Dec.1948	11:53	ti .	
24107	21 Dec.1948	11:54	ii	

Tide (III)

Reference Station:

+ No tide

Ratio of | Mean | Spring Ranges Range Range

Subordinate Station: Subordinate Station:

Washington Office Review by (IV): S.J. Hathorn

Date: 21 March, 1952

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

17 Land Area (Sq. Statute Miles) (III):

Shoreline (More than 200 meters to opposite shore) (III): 18-4

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

Control Leveling - Miles (II): 9.4

Number of Triangulation Stations searched for (II): 10

Recovered:

Identified: 7 **

0 Number of BMs searched for (II):

Recovered:

Identified: 0

Number of Recoverable Photo Stations established (III): Number of Temporary Photo Hydro Stations established (III): None

Remarks:

Contouring done prior to establishment of third order levels. Elevations subject to change upon third order level determination of elevations of:

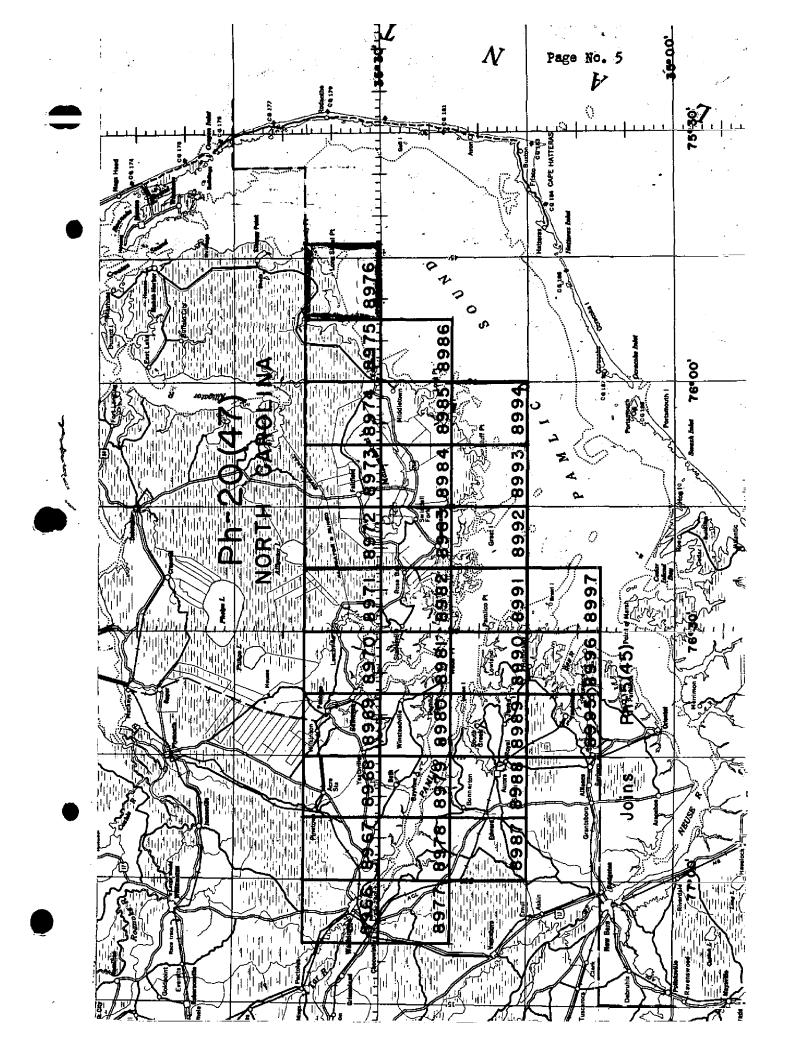
Maximum change after adjustment = 0.11 ft. T-9281 258 (NCGS) T-8975 259 (NCGS) T-928 | H-1 (C of E) 263 (NCGS)

*One of these 7 stations (KIND 1949) falls on T-9282 of Ph-45(49)

Four 3rd order bench marks established.

** Four within quadrangle.

Form T-Page 4



SUMMARY TO ACCOMPANY T-8976

Topographic map T-8976 is one of 32 similar maps of Project Ph-20(47) and is the northeasterly map in the project. It covers a boat-shaped point along the west shore of Pamlico Sound, North Carolina. The land area is situated completely within Dare County, but lies adjacent to Hyde County on the west.

Project Ph-20(47) is a graphic compilation project. Field work in advance of compilation included complete field inspection, the recovery and identification of horizontal control, the establishment of third-order vertical control and the delineation of contours on the photographs by planetable methods.

This map was compiled at a scale of 1:20,000 and covers $7\frac{1}{2}$ in latitude by $8\frac{1}{2}$ in longitude. The entire map was field edited. After addition of hydrographic information the map will be forwarded to the U.S. Geological Survey for publication as a standard topographic quadrangle.

Items registered under T-8976 will include a clothmounted lithographic print of the manuscript at 1:20,000 scale, a cloth mounted color print of the published map at 1:24,000 scale and the descriptive report.

FIELD INSPECTION REPORT QUADRANGLE T-8976 35-30/75-45/7.5 PROJECT PH-20(47)

E. R. McCarthy, 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. All field work was done by the following personnel:

Name and Title	PHase	Date
E. L. Williams	Horizontal Control	February 2, 1949
Cartographer	Recovery Field Inspection Fly Levels	through
	Contours	September 8, 1949

This report was written in accordance with Paragraph 724, of the preliminary edition of the Topographic Manual dated June, 1949.

2. AREAL FIELD INSPECTION

Contains no human habitations.

The quadrangle is uninhabited. The land mass consists of about 20 square miles, of which about one sixth is marsh and the remainder very flat land. About half of this land is wooded and the rest overgrown with low bushes about three feet high.

Route U. S. #264, a fire tower, and about 6 sheds are the only cultural features. Wild cattle range in the woods south of Route #264. The canal from the bridge on Route #264 to Pains Creek is used regularly by fishermen and oystermen for access to Pamlico Sound.

No difficulty was encountered in interpretation of the photographs. Normal planetable methods were used.

3. HORIZONTAL CONTROL

(c) Stations not established by the Coast and Geodetic Survey are:

Station	Agency	a de la companya de l	CRECE.	Order
(T-9282) 257 (T-9282) 260 263 (T-9281) H-1	North Carol:	ina Geodetic ina Geodetic ina Geodetic gineers	Survey	Unknown Unknown Unknown Third (traverse)

(e) Stations reported as lost on Form 526 are:

(7-9282) 257 North Carolina Geodetic Survey (7-9282) 260 North Carolina Geodetic Survey

4. VERTICAL CONTROL

(a)
(5) Third order bench marks established by this party are:

Established 5 Jan 1950:
X-246

None to date.

Y-246 W-246 MON. 263-1935 (N.C. GEOD. SUR.)

(b) Nine and four tenths miles of fly levels were run to supplement existing control. All lines which averaged over 0.01 feet in error per set up were adjusted by prorating the error through the line.

The first and last levels points are 76-1 and 76-12.

See note under remarks P-4 of this report.

5. CONTOURS AND DRAINAGE

Contouring was done by planetable methods directly on nine-lens photographs.

Drainage of the area north of Route #264 is by seepage into the canal along the road which empties into Pains Creek. None of the tidal creeks extend into the woods.

(H.F. Garber, C/p, recommended roadside ditches (canals) not be mapped. - 3/52)

6. WOODLAND COVER

The cover was classified in accordance with Paragraph 5433 of the Preliminary Edition of the Topographic Manual, Part II. dated June 1949.

7. SHORELINE AND ALONGSHORE FEATURES

The shoreline from Pains Bay east to Long Shoal Point, is a very narrow sand beach which may change at intervals. An obvious change took place on Long Shoal Point. Plotting the shore with the planetable revealed that the shore changed considerably between the date of inspection and the date of the first photography (3-29-48), but that the change since the date of last photography (12-21-48) was negligible.

See Par. 56.

(b) Pamlico Sound has no periodic tide. MIWE is the same

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

8. OFFSHORE FEATURES

The wreck on the south section of Long Shoal which was used as a bombing target was visited and photographs taken of both the ship and of one of the 8 platforms grouped around it. The platforms are 8 x 8 feet set on piles 6 feet above water.

The wreck is a Great Lakes type ship with deck about 7' and the highest point of superstructure is about 45' above the surface, 5ee item 37.

(Outside quadrangle & project limits.)
9. LANDMARKS AND AIDS

The fire tower recommended as a landmark will eventually be torn down and replaced with a steel tower. The district fire warden's opinion is that this will not take place for several years. The field editor should check on this point. (Form 524 submitted by Field Inspector.) See par. 57. Form 524 filed in Div. of Photogrammetry.

Positions of fixed aids are submitted on Form 567, which accompanies this report.

10. BOUNDARIES, MONUMENTS AND LINES

This is covered in a Special Boundary Report, which was submitted by Wilbur A. Nelson on 14 February, 1949, and a supplemental report which will be submitted at a later date by A. J. Wraight. (Pamlico River Entrance, dfd 7 Nov., 1949.)

Reports filed in Division of Photogrammetry.

11. OTHER CONTROL

Recoverable Topographic stations established are:

BOND, 1949 PART, 1949
JAKE, 1949 REID, 1949
KIND 1949 SKID 1949

T-9282 KIND, 1949
(Forms 524 submitted by Field Inspector) Filed in Division of Photogrammetry.

12. OTHER INTERIOR FEATURES

None

13. GEOGRAPHIC NAMES

This will be the subject of a special report which will be submitted by A. J. Wraight at a later date. (15 Jan 1950)

Report filed in Geographic Names Section, Division of Charts.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Not applicable.

15. SWAMP

All wooded land which is on the Sound side of Route U. S. #264, and for an average distance of one mile inshore from the marsh is classified as swamp chiefly because it is lower, slightly, than the land closer to the road and the water lies on the surface all year. Whereas the land close to the road was dry at the time of field inspection, which was done during a rainy period.

The peculiar oblate shaped area (north of the road and northeast of the bridge over Pains Creek) of low bushes was very wet at the time of field inspection and probably remains so all year.

15 September 1949 Submitted by:

E. f. Williams wy JKW. Cartographer

Approved: 28 September 1949

E. R. McCarthy Chief of Party

Photogrammetric Plot Report

This report covers the plot for maps T-8973 to T-8976 inclusive, T-8984 to T-8986 inclusive, T-8993 end T-8994, and is filed as part of the descriptive report for T-8974.

94.6	(元) 05 日 07 (元)	Pi (ь 20			1:20	1;20,000	V C	SCALO FACTOR	None	
SOURCE O INFORMATION (INDEX)	DATUM LA	LATITUDE OR V-COORDINATE LONGITUDE OR x-COORDINATE	y-COOR		DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	•	DATUM	N.A. 192 DIST FROM GRID OR IN M	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTA FROM GRID OR PROJE IN METERS	INCE ECTION LINE S (BACK)
PARCH, 1933 CP. 295	35	35° 36'		25,054 58,362				772.1	(1077.0) (41.2)		
	35	5 34		37.175				1145.6 5.8	(1505.0)		
755 Engelher				24.810 04.155				9.401	(1084.5) (1405.6)		
SHOAL BN, 1935				15.994				1479.1 402.8	(1108.6)		
/ I											
			*								
1 FT 3048006 METER F. Lampton	- 4	22 Se	Sept.	19/18	200	R.	R. Wagner		472	Sept. 1948".2388-12	2388-12

COMPILATION REPORT T-8976

PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-8974

31. DELINEATION

The graphic method of compilation was used.

The field inspection was good. However, a few discrepancies were noted on the discrepancy overlay.

32. CONTROL

A sufficient number of secondary control points was established by the radial plot and no difficulty was encountered in cutting in additional detail points.

33. SUPPLEMENTAL DATA

None was used.

34. CONTOURS AND DRAINAGE

No difficulty was encountered in the delineation of drainage or contours.

35. SHORELINE AND ALONGSHORE DETAILS

No difficulty was encountered in delineation of the shoreline or the adjacent area. The field inspection was good.

The only shoal area which could be accurately shown is around Rawls Island. See item 67.

36. OFFSHORE DETAILS

None.

37. LANDMARKS AND AIDS

A landmark "WRECK" which falls beyond the eastern limits of project was located by a two cut intersection from the radial plot. It is believed that the position listed on Form 567 is within the required accuracy.

38. CONTROL FOR FUTURE SURVEYS

Six (6) recoverable topographic stations have been shown on the manuscript and Form 524 submitted for each. A seventh recoverable topographic station, KIND, 1949, was located. It falls on Ph-45(49) quadrangle T-9282.

A list of these stations has been prepared for the hydrographer and included in Item 49.

39. JUNCTIONS

T-8975 - to the west: in agreement
T-9282 Ph-45(49) - to the north: delineation has not been started.

Limits of project to the east and south.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement See item 66.

46. COMPARISON WITH EXISTING MAPS

Comparison was made with Roanoke Island Quadrangle scale 1:125,000 edition 1943.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with Chart 1229, scale 1:80,000, 1942 edition and corrected 14 June 1948. The manuscript and chart are in agreement except for the following:

At Long Shoal Point the shoreline has built out into Pamlico Sound forming some ponds and a sand beach. See item 56.

The point of land between Pamlico Sound and Pains Bay has washed away somewhat. Also an islet between this point of land and Rawls Island does not appear on the photographs.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY.

None.

ITEMS TO BE CARRIED FORWARD.

None.

Robert R. Wagner

Cartographic Survey Aid

Approved and Forwarded.

Arthur L. Wardwell

Chief of Party

49. NOTES FOR THE HYDROGRAPHER

The following are topographic stations which may be useful to the hydrographer:

BOND, 1949 FIRE LOOKOUT TOWER, 1949 (Landmark) JAKE, 1949 KIND, 1949 - T-9282 PART, 1949 REID, 1949 SKID, 1949

Two shoals, LONG SHOAL and PINGLETON SHOAL were not shown on the map manuscript. The limits of the shoals could not be seen on the photographs.

PHOTOGRAMMETRIC OFFICE REVIEW

50

T- 8976

	cc	ONTROL STATIONS
5. Horizontal control stations of		her accuracy M.M.S. 6. Recoverable horizontal stations of les
		J.G. ***********************************
- , , ,		immetric plot reportJ_G_ 11. Detail pointsJ_G_
	AL	LONGSHORE AREAS
	(N	lautical Chart Data)
12. Shoreline J.G. 13. Low	-water line J.G.	14. Rocks, shoals, etc 16. Aid
to navigation17. Lane	dmarks1	18. Other alongshore physical features <u>J.G.</u> 19. Other along
shore cultural features J.G.	_	
	PH	IYSICAL FEATURES
20. Water features J.G. 21	. Natural ground o	cover 1.G. 22. Planetable contours 1.G. 2373/233/23
ZWOLEN ZWINK Z	24. Contours in g	general25. Spot elevations26. Other physica
features		
	CUI	LTURAL FEATURES
27. Roads J.G. 28. Buildin	ngs_J.G. 2977	30. Other cultural features J.G.
		BOUNDARIES
31. Boundary linesJ.G.2	ZZX70184776768	<u> </u>
		MISCELLANEOUS
33. Geographic names J.G.	_34. Junctions	$\overline{f J_{ullet}G_{ullet}}$ 35. Legibility of the manuscript $\overline{f J_{ullet}G_{ullet}}$ 36. Discrepand
overlay J.G. 37 Descriptiv	je Report J.G.	38. Field inspection photographs J.G. 39. Forms J.G.
40. Jesse Af Giles	- seus	William A. Rasure
Revie	war	Supervisor, Review Section or Unit
	et)	
41. Remarks (see attached she	.01)	
41. Remarks (see attached she		
	,	NS AND CORRECTIONS TO THE MANUSCRIPT
FIELD COMF	PLETION ADDITION	eld completion survey have been applied to the manuscript. Th
FIELD COMF	PLETION ADDITION	eld completion survey have been applied to the manuscript. Th
FIELD COMF	PLETION ADDITION urnished by the fiel cept as noted unde	eld completion survey have been applied to the manuscript. Th

FIELD EDIT REPORT Project Ph-20(47) Quadrangle T-8976

Harry F. Garber, Chief of Party

51. METHODS

The field edit of this area was accomplished by traversing, via truck, the one road (U.S. Highway #264) and the shoreline by boat.

Corrections and additions were made by standard surveying methods in conjunction with visual inspection.

All corrections, additions, and deletions have been shown on the field edit sheet.

The reviewer's questions have been answered on the discrepancy print, field edit sheet, and this report.

A legend appears on the field edit sheet which is self-explanatory.

The actual field work was accomplished in one day, 26 June 1951.

52. ADEQUACY OF COMPILATION

The map compilation is adequate and will be complete after field edit data has been applied. See item 66.

53. MAP ACCURACY

The horizontal accuracy of the map detail is relatively good.

Secttem 66.

54. RECOMMENDATIONS

None.

55. EXAMINATION OF PROOF COPY

It is believed that Mr. John L. Mann, of New Holland, N. C., is best qualified to examine a proof copy of this work.

56. SHORELINE AND ALONGSHORE DETAILS

Ref. to item 35 - Compilation Report.

The delineation of the shoreline is adequate except in that area W.S.W. of \triangle PAIN 1933. The charted wreck does not exist and only one island (sand and shell) is apparent. Due west of this plotted island a sand and shell spit has built up and is connected to the mainland as shown on the field edit sheet. The shoreline in this particular area is subject to change with storm tides.

57. LANDMARKS AND AIDS TO NAVIGATION

Ref. to item 9 - Field Inspection Report.

The fire tower recommended as a landmark is in excellent condition and at present (according to authoritative sources) there is no intention of its removal or reconstruction.

58. OTHER INTERIOR FEATURES

The only road appearing in this area is U. S. Highway #264.

The interpretation of woodland cover has been reclassified and the limits shown on the field edit sheet. Changed again by Hundley in Nov 1951 to agree substantially with original field inspection.

59. JUNCTIONS

Junctions with quadrangles in Ph-45(49) to the north will be made at a later date. See item 68.

28 June 1951 Submitted by:

James E. Hundley Grantographer

17 July 1951 Approved by:

Harry F. Garber GEV Commander, USC&CS Chief of Party

Form 567 April 1945

DEPARTMENT OF COMMERCE

EODETIC SURVEY

U. S. COAST AN PHOTOGRAMMETRIC REVIEW SECTION

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED

STRIKE OUT ONE

Washington, N. C.

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

The positions given have been checked after listing by Robert R. Marner,

Tampa Photogrammetric Office

DESCRIPTION DESCR				rempe r	tempa incogrammetric ollice	metric	oritee	90	E. R. Mc Carthy	thy	1	
MORIN C. HOLINA. ROBERT C. CHART LETTER, 119 (1950) MORING C. CHART LETTER, 119 (1950)											Chi	ef of Party.
Hooden skeleton fire tower 130 high esc.) **Righest point beseted "Lake Type" **Righest point best p	STATE	MORTH CAROLINA				POSITION			METHOD		TAA	
Figure are 8 wooden platforms around the ship each approximately 1,115 ft. from its center and spaced at 1,010 ft. from its ce				LATIN	rude	LONG	SITUDE		LOCATION	DATE	SE CH	
Withhest point beached "Lake Type" 35 32 351 75 40 960 " Flot 1949 X ship (45) high est.) * There are 8 wooden platforms around the ship each approximately 1,115 ft. from its center and spaced at the intervals. * There are 8 wooden platforms around the ship each approximately 1,115 ft. from its center and spaced at the intervals. * There are 8 wooden platforms around the ship each approximately 1,115 ft. from its center and spaced at the intervals.	CHARTING	DESCRIPTION	SIGNAL		D.M. METERS		D. P. METERS	DATUM	SURVEY No.	LOCATION	INSHOE	117.50
**Highest point beached "Lake Type" 35 32 551 75 40 960 " Baddal " x x and proceeding that the ship each approximately 1,115 ft. from its conter and spaced at the intervals. **CHART LETTER 118 (1950)		Mooden skeleton fire tower 130 high			8		42	N.A.	Radial	Sept.	×	1220
There are 8 wooden platforms around the ship each approximately 1,115 ft. from its center and spaced at 1,50 intervals. CHART LETTER 118 (1950)		"Highest point beached "Lake Type" ship (45' high est.)				705	096	#	Radial	=	×	1232
There are 8 wooden platforms around the ship each approximately 1,115 ft. from its center and spaced statements.												
	*	There are 8 wooden platforms around	the ship	1000	proximat	oly 1,1	15 ft. f3	om its	center a		THE RESERVE	
			•									
												•
		**										
CONTRACTOR OF THE PARTY OF THE									2 0			
	-	CHART LETTER 118 (1950)										

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 be individual field survey sheets. Information under each column heading should be given.

Form 567 April 1945

PHOTOGRAMMETRIC REVIEW SECTION

DEPARTMENT OF COMMERCE U. S. COAST AN EODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED TO BE DELETED

STRIKE OUT ONE

Washington, N. C.

I recommend that the following objects which have (have not) been inspected from seaward to determine their value as landmarks, be charted on (deleted from) the charts indicated.

Robert R. Wagner Tampa Photogrammetric Office The positions given have been checked after listing by

STATE	ARCHITECTURE AND STATES TO SEC.			-	POSITION			METHOD		TSA	тяан
	MORID CAROLIES		LATITUDE	UDE	LONG	LONGITUDE		LOCATION	DATE	OB CH	CHARTS
CHARTING	DESCRIPTION	SIGNAL	1 0	D. M. METERS	- 0	D. P. METERS	DATUM	SURVEY No.		HSNI	
LIGHT	PINGLETON SHOAL LIGHT - Black slatted pile structure		35 32	1479.1	75 51	402.8	N.A. 1927	Triang.	1933	×	1232
LIGHT	* LONG SHOW LIGHT - White skeleton tower on brown piles		35 33		75 42	44.5	*	Radial		14	1229
	"Triangulation station LONG SHOP	AL LIGHTHOUSE	IOUSE 1933	80	been reported	rted lost	but,	difference	nt or		
	position on new station is not	plottable	8	1120,000 sq	stale.				1		
	** radial plot positi	1001									
									\		
	CHART LETTER 118 (1950)	* 100 m						- 4			

aids to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not be individual field survey sheets. Information under each column heading should be given.

48. GEOGRAPHIC NAME LIST

CLARK CREEK

DARE COUNTY

ENGELHARD - STUMPY POINT ROAD

HYDE COUNTY

*LONG SHOAL - under water LONG SHOAL POINT LONG SHOAL RIVER

MUDDY CREEK

NORTH CAROLINA

PAINS BAY PAINS CREEK PAINS POINT PAMLICO SOUND PARCHED CORN BAY PARCHED CORN POINT *PINGLETON SHOAL under water

RAWLS ISLAND

SANDY BAY

CROATAN TWP. LAKE LANDING TWP.

*Not shown on manuscript. Limits of shoal could not be seen on photographs.

Names approved, sub; to F.E. 12-19-50 a.j.W.

REVIEW REPORT T-8976 Topographic Manuscript 21 March 1952

61. General Statement:

Four third-order bench marks, W-246, 263 (N.C. Geo. Sur.), X-246 and Y-246, were established in January 1950, subsequent to field inspection, along the Engelhard-Stumpy Point Road at approximately one-mile intervals.

Discrepancies in woodland cover classification along the junction of Ph-20(47) with Ph-45(49) to the north required the field editor to revisit the quadrangle in November 1951 for the reconciliation of these discrepancies.

62. Comparison with Registered Topographic Surveys:

T-1385

1:20,000

1875

See item 47 for major changes.

Map T-8976 is to supersede this survey for nautical charting purposes for common areas.

63. Comparison with Maps of other Agencies:

See item 46.

64. Comparison with Contemporary Hydrographic Surveys:

None

65. Comparison with Nautical Charts:

1229

1:80,000

51-10/22

See item 47.

66. Adequacy of Results and Future Surveys:

This map meets the National Standards of Map Accuracy and complies with the project instructions.

67. Offshore Features:

The shoal area (see item 35) compiled around Rawls Island was removed from the manuscript because of its conflict with soundings. This feature will be more

adequately shown with the addition of hydrography to the manuscript.

68. Junctions:

See item 39.

This quadrangle joins quadrangles T-9282 and T-9283 in Ph-45(49) to the north. Compilation of these quadrangles has not been started. However, the field inspection photographs for the quadrangles were available during review and no junction difficulties are anticipated.

Reviewed by:

Approved:

Chief, Review Section

Division of Photogrammetry

Chief, Div. Photogrammetry

Chief, Nautical Chart Branch 64

Division of Charts

Chief, Div. Coastal Surveys

History of Hydrographic Information

Quadrangle T-8976

Pamlico Sound, North Carolina

Hydrography was applied to the manuscript of this quadrangle in accordance with Division of Photogrammetry general specifications dated 18 May 1949.

Soundings, and 6, 12 and 18 foot depth curves at mean low water datur originate with the following:

U.S.C.&G.S. Hydrographic Surveys: H-1362a, (1875-77) 1:20,000 H-1362b, (1875-76) 1:20,000 H-1363a, (1875-77) 1:20,000

U.S.C.&G.S. Nautical Charts: 1229 1:80,000, latest print date 10-22-51 1232 1:80,000, " " " 2-19-51

Hydrography was compiled by K. N. Maki and verified by C. B. Samuels.

Division of Photogrammetry

15 April 1952

NAUTICAL CHARTS BRANCH

SURVEY NO. \$976

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
10-27-54	1229	C.Wilson	Butter Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
	-		
			

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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.