

# 12300

6-15

Diag. Cht. No. 1237.

Form 504

U. S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY

## DESCRIPTIVE REPORT

Type of Survey SHORELINEField No. Ph-6217 Office No. T-12300

### LOCALITY

State SOUTH CAROLINA  
CAPE FEAR N.C. TO  
General locality WINYAH BAY, S.C.Locality PAWLEYS INLET19 6<sup>2</sup> - 1964

### CHIEF OF PARTY

Joseph K. Wilson, Chief Photo Party 6420  
J.C. Bull, Director, Atlantic Marine Center

### LIBRARY & ARCHIVES

DATE December 1967

USCOMM-DC 5087

# 12300

## DESCRIPTIVE REPORT - DATA RECORD

T-12300

PROJECT NO. (II):

Job PH-6217

FIELD OFFICE (II):

Myrtle Beach, South Carolina

CHIEF OF PARTY

Joseph K. Wilson

PHOTOGRAMMETRIC OFFICE (III):

Atlantic Marine Center

OFFICER-IN-CHARGE

J. C. Bull Director, Atlantic  
Marine Center

INSTRUCTIONS DATED (II) (III):

11 September 1963

Field

14 October 1963

Office

10 January 1964

Amendment 1 Office

METHOD OF COMPILATION (III):

Kelsh

MANUSCRIPT SCALE (III):

1:20,000

STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):

1:6,000 pantographed to 1:20,000

DATE RECEIVED IN WASHINGTON OFFICE (IV):

DATE REPORTED TO NAUTICAL CHART BRANCH (IV):

APPLIED TO CHART NO.

DATE:

DATE REGISTERED (IV):

GEOGRAPHIC DATUM (III):

N.A. 1927

VERTICAL DATUM (III):

~~MEAN SEA LEVEL~~ EXCEPT AS FOLLOWS: MHW

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):

FULTON, 1934

LAT.:

33° 26' 04."610(142.0m)

LONG.:

79° 10' 58."885(1521.1m)

☒ ADJUSTED☐ UNADJUSTED

PLANE COORDINATES (IV):

y = 163,124.38 Ft.

x = 2,554,370.94 Ft.

STATE

South Carolina

ZONE

North

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.

## DESCRIPTIVE REPORT - DATA RECORD

FIELD INSPECTION BY (II): Jim D. Shea Robert S. Tibbetts		DATE: Nov. 1963 Jan. 1964
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION):  Air Photo compilation - Date of photographs      Sept. 1, 1962 Feb. 21, 1963		
PROJECTION AND GRIDS RULED BY (IV): A. E. Roundtree		DATE Nov. 27, 1963
PROJECTION AND GRIDS CHECKED BY (IV): R. S. Kornspan		DATE Nov. 29, 1963
CONTROL PLOTTED BY (III): V. P. Cackowski		DATE Jan. 1964
CONTROL CHECKED BY (III): Paul W. Leikhim		DATE Jan. 1964
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): R. B. Kelly (W.O.)		DATE Dec. 1963
STEREOSCOPIC INSTRUMENT COMPILATION (III):	PLANIMETRY R. J. Pate	DATE Feb. 1964
	CONTOURS Inapplicable	DATE
MANUSCRIPT DELINEATED BY (III): R. J. Pate		DATE Jan. 1964
SCRIBING BY (III): C. Blood		DATE Dec. 1964
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): W. H. Shearouse		DATE Feb. 1964
REMARKS: FIELD EDIT R.L. TIBBETTS      JUNE 1964 (REFER TO PAGES 14 and 17)		

FORM C&GS-181c  
(12-61)U.S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY

## DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

"S" and "W" Cameras

## PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
62 S 1093A	Sept. 1, 1962	0823	1:30,000	4.6 above MLW
1094A	"	"	"	"
63 W 3051	Feb. 21, 1963	1015	1:30,000	0.6 above MLW
3052	"	"	"	"
3053	"	"	"	"

## TIDE (III) PREDICTED

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: CHARLESTON, SOUTH CAROLINA		5.1	6.0
SUBORDINATE STATION: North Inlet, South Carolina		4.5	5.3
SUBORDINATE STATION:			

WASHINGTON OFFICE REVIEW BY (IV): L. F. Bougnet, Atlantic Marine Center

DATE: June 1966  
~~Sept. 1965~~

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (III): 18

RECOVERED: 11

IDENTIFIED: 2

NUMBER OF BM(S) SEARCHED FOR (III):

11

RECOVERED: 7

IDENTIFIED: 2

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):

None

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):

None

REMARKS:

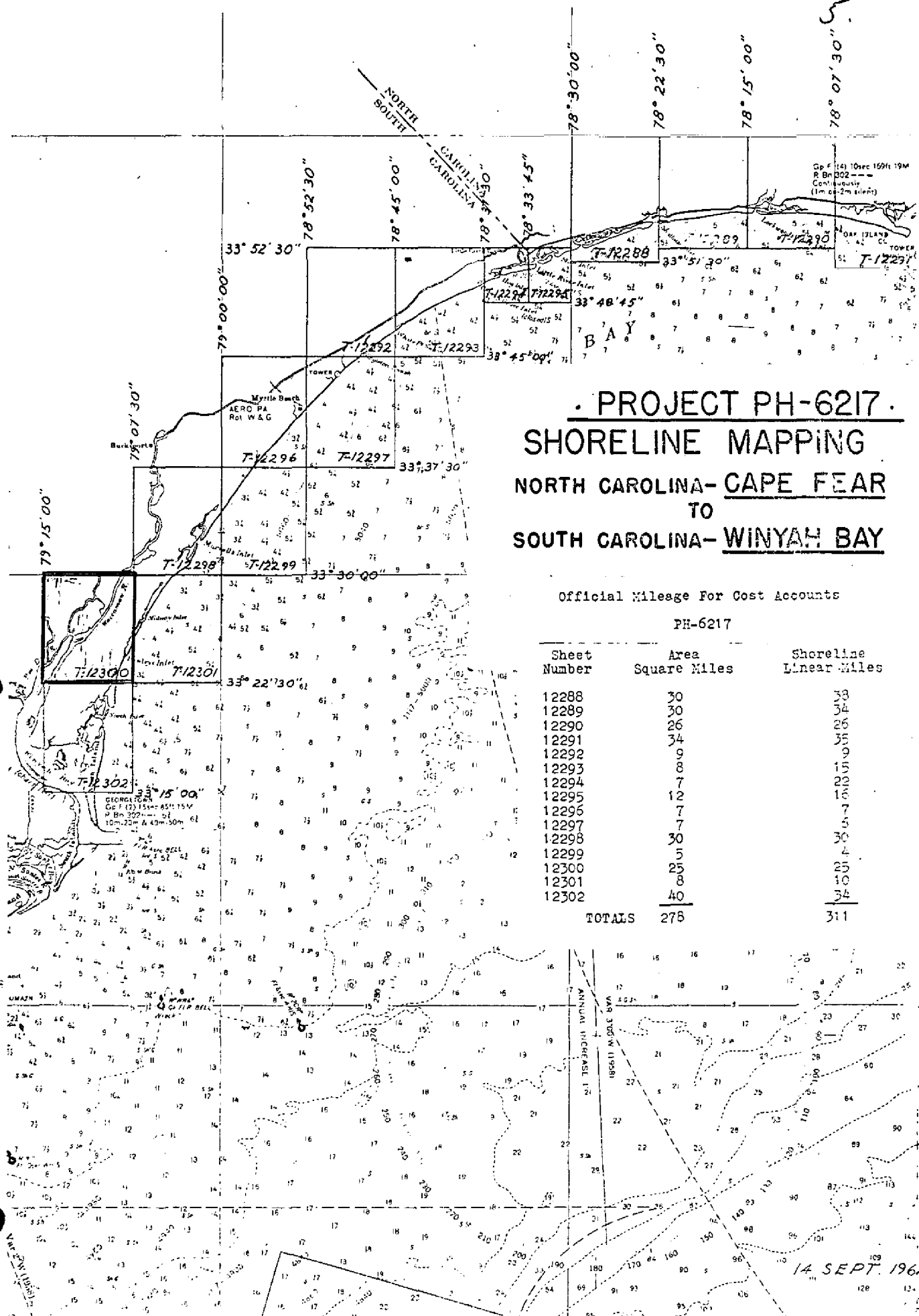


COMPILATION RECORD

COMPLETION DATE

REMARKS

Compilation complete pending field edit	March 1964	Superseded
Compilation complete	January 1965	



**PROJECT PH-6217.**  
**SHORELINE MAPPING**  
**NORTH CAROLINA-CAPE FEAR**  
**TO**  
**SOUTH CAROLINA-WINYAH BAY**

Official Mileage For Cost Accounts

PH-6217

Sheet Number	Area Square Miles	Shoreline Linear Miles
12288	30	38
12289	30	34
12290	26	26
12291	34	35
12292	9	9
12293	8	15
12294	7	22
12295	12	18
12296	7	7
12297	7	5
12298	30	30
12299	5	4
12300	25	25
12301	8	10
12302	40	34
<b>TOTALS</b>	<b>278</b>	<b>311</b>

14 SEPT. 1962

SUMMARY TO ACCOMPANY  
DESCRIPTIVE REPORT T-12300

Shoreline map T-12300 is one of fifteen similar maps in Project PH-6217 (21059). It covers a part of the shoreline of Debidue Island and Pawleys Island. This is a Kelsh project in advance of hydrographic surveys in the area. Field operations preceding compilation included recovery and identification of horizontal control and field inspection. The Kelsh compilation was at 1:20,000 scale from which a cronar positive showing shoreline and alongshore features was furnished for preparation of the hydrographer's boat sheet. 1:30,000 scale photographs taken September 1, 1962 and February 21, 1963 were used for compilation. 1:20,000 scale ratio prints were subsequently provided for hydro support. The manuscript is a vinylite sheet  $7\frac{1}{2}$  minutes in latitude and  $7\frac{1}{2}$  minutes in longitude from which the smooth map was scribed and reproduced on cronaflex. One cronar positive and one cronar negative are provided for record and registry.

FIELD INSPECTION REPORT  
Project 21059  
Map T-12300

Field inspection report of this map is filed under map T-12302.

17 January 1964

Submitted by:

*Joseph K. Wilson*  
Joseph K. Wilson  
Chief, Photo Party 6420



U.S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY  
DESCRIPTIVE REPORT  
CONTROL RECORD

MAP T-12300

PROJECT NO. 21052

SCALE OF MAP 1:20,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\mu$ -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)	FORWARD	(BACK)
SNAKE, 1935	P.C. 106	NA 1927	153 226.21 2 542 848.80								
BUTLER, 1935	P.C. 106	"	159 216.65 2 547 172.13								
ALLSTON, 1934	P.C. 99	"	158 016.33 2 571 120.37								
MULLET, 1962	Vol III Page 136	"	575 095.61 2 568 104.77								
CARY, 1935	P.C. 106	"	177 559.62 2 556 743.63								
ENFIELD, 1934	P.C. 97	"	186 530.41 2 558 024.81								
CREEK, 1935	P.C. 105	"	183 131.66 2 563 809.77								
DOCK, 1935	P.C. 106	"	173 866.88 2 559 995.31								
FULTON, 1934	P.C.-GP 97 148 SC	"	163 124.38 2 554 370.94								
POLE, 1935	P.C. 106	"	171 736.22 2 562 693.08								
HOLLIDAY, 1935	P.C. 106	"	165 874.60 2 546 088.09								
WEY MOUTH, 1934	P.C.-GP 97 148 SC	"	172 212.69 2 548 121.50								

1 FT. = 3048006 METER  
COMPUTED BY

VPC

DATE Jan 21, 1964

CHECKED BY: RRW

DATE Jan 21, 1964

COMD-DC-57843

1:20,000

SCALE OF MAP:

PROJECT NO. 21059

MAP T.....12300.

[illegible]

10

COMPILATION REPORT  
T-12300

PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-12296.

31. DELINEATION

Compilation done by Kelsh Plotter.

Field inspection was adequate.

32. CONTROL

See Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

~~Contours delineated~~ Contours inapplicable.

Drainage delineated as inspected or from office interpretation.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline inspection was adequate.

The low water line shown was from office interpretation.

36. OFFSHORE DETAILS

None

37. LANDMARKS AND AIDS

None

38. CONTROL FOR FUTURE SURVEY

None

39. JUNCTIONS

Junctions are in agreement with T-12301 to the east and T-12302 to the south. There is no contemporary survey to the north or west.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with U.S.G.S. Quadrangle WAVERLY MILLS, S.C. scale 1:24,000 dated 1942.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison made with chart No. 1237 scale 1:80,000. Revised November 5, 1962.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

*A. Santillan*

A. Santillan  
Cartographic Aid

Approved and forwarded

*J. C. Bull*

J. C. Bull, Director, Atlantic Marine Center



GEOGRAPHIC NAMES

Ph 21059

(Cape Fear, N.C. - Winyah Bay, S.C.)

T-12300

Arcadia Plantation  
Arundel Plantation  
\* Atlantic Ocean  
Benvenue Plantation  
Black River  
Butler Creek  
Butler Island  
Caledonia Creek  
Carr Creek  
Darlington Plantation  
\* Debidue Creek  
Duncan Creek  
\* Fraserville  
Gatson Bay  
Hagley Plantation  
Holly Hill  
Jackson  
Jericho Creek  
Kiethfield Plantation  
Little Carr Creek  
\* Long Bay  
Longwater Swamp  
\* Marysville  
Middleton Cut  
Nightingale Plantation  
Oatland Creek  
Parkersville  
\* Pawleys Inlet  
\* Pawleys Island  
Peedee River  
Rabbit Island  
Schooner Creek

Simmons ville  
Squirrel Creek  
Waccamaw River  
Waverly Creek  
Waverly Mills  
White House Plantation  
Woodville Island  
\* *Debidue Beach*

*A. J. Wraight*

A. J. Wraight  
Chief, Geographic Branch

*\* Only names that appear  
on this manuscript.*

T-12300

49. NOTES FOR THE HYDROGRAPHER

None

## PHOTOGRAMMETRIC OFFICE REVIEW

I-10363 T-12300

1. PROJECTION AND GRIDS WHS		2. TITLE WHS		3. MANUSCRIPT NUMBERS WHS		4. MANUSCRIPT SIZE RES	
CONTROL STATIONS							
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY WHS				6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) XX		7. PHOTO HYDRO STATIONS XX	
8. BENCH MARKS XX		9. PLOTTING OF SEXTANT FIXES XX		10. PHOTOGRAMMETRIC PLOT REPORT BRIDGE(W.O.)		11. DETAIL POINTS KELSH	
ALONGSHORE AREAS (Nautical Chart Data)							
12. SHORELINE WHS		13. LOW-WATER LINE WHS		14. ROCKS, SHOALS, ETC. XX		15. BRIDGES X X	
16. AIDS TO NAVIGATION XX		17. LANDMARKS XX		18. OTHER ALONGSHORE PHYSICAL FEATURES WHS		19. OTHER ALONGSHORE CULTURAL FEATURES WHS	
PHYSICAL FEATURES							
20. WATER FEATURES WHS				21. NATURAL GROUND COVER WHS		22. PLANETABLE CONTOURS XX	
23. STEREOSCOPIC INSTRUMENT CONTOURS XX		24. CONTOURS IN GENERAL XX		25. SPOT ELEVATIONS XX		26. OTHER PHYSICAL FEATURES WHS	
CULTURAL FEATURES							
27. ROADS WHS		28. BUILDINGS XX		29. RAILROADS XX		30. OTHER CULTURAL FEATURES WHS	
BOUNDARIES							
31. BOUNDARY LINES XX				32. PUBLIC LAND LINES XX			
MISCELLANEOUS							
33. GEOGRAPHIC NAMES WHS				34. JUNCTIONS RES		35. LEGIBILITY OF THE MANUSCRIPT WHS	
36. DISCREPANCY OVERLAY XX		37. DESCRIPTIVE REPORT RES		38. FIELD INSPECTION PHOTOGRAPHS WHS		39. FORMS RES	
40. REVIEWER <i>R.E. Smith</i>				SUPERVISOR, REVIEW SECTION OR UNIT <i>Albert C. Rauch, Jr.</i>			
41. REMARKS (See attached sheet)							
FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT							
42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.							
COMPILER <i>R.J. Pate</i> R.J. Pate				SUPERVISOR <i>Albert C. Rauch, Jr.</i> A.C. Rauch			
43. REMARKS							

14/

FIELD EDIT REPORT  
T-12300

No formal field edit report was received. Field edit data received on the discrepancy print indicates that the manuscript was field edited in June 1964.



15

REVIEW REPORT T-12300  
SHORELINE  
September 1965

61. GENERAL STATEMENT

See summary accompanying Descriptive Report (page 6)

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

Comparison was made with Registered survey T-8220, 1:20,000 scale made in 1942.

\* An ozalid comparison print is submitted with differences noted. The entrance to Pawleys Inlet has shifted to the southward approximately 900 meters.

This map supersedes the listed prior survey for nautical chart construction.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

Comparison was made with U.S.G.S. quadrangle WAVERLY MILLS, SOUTH CAROLINA, 1:24,000 scale made in 1942.

This quadrangle, published by the U.S.G.S., is the same as Map T-8220 referred to in ITEM 62 except for the scale. The same differences that exist with T-8220 also exist with the U.S.G.S. WAVERLY MILLS quadrangle.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

Comparison was made with a copy of boat sheet PE-20-2A-64. The shoreline of the boat sheet and the manuscript are in good agreement.

65. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with Chart 1237, 1:80,000 scale, 3rd edition, June 21, 1965. The map and chart are in good agreement.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

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

\* REFER TO PAGE 17

Reviewed by:

Leo F. Beugnet  
L. F. Beugnet

Approved by:

J. Bull  
J. Bull, CAPT  
Director, Atlantic Marine Center

Approved by:

Charles Lauer  
Chief, Cartographic Branch RDB

Ralph Sobieralski  
Chief, Photogrammetry Division  
12-06-67

John A. Boyer  
Chief, Chart Division  
Marine

\_\_\_\_\_  
Chief, Operations Division



T-12300

↓ NOTES TO VERIFIER  
T-12302 Project PH-6217  
BOAT SHEET No. PE-20-2A-64

No discrepancies exist between the copy of the boat sheet and this manuscript.

The following photographs were used in the manner indicated.

Control Identification: 62-S-1092A, 1095A

Field Inspection: 63-W-3051, 3053; 62-S-1083A thru 1087A

Field Edit: 63-W-3053

Final Review: 62-S-1092A thru 1094A; 63-W-3049 thru 3053

NOTE: A COMPARISON WAS SUBMITTED BY THE  
FINAL REVIEWER; IT WAS DESTROYED, HOW-  
EVER, SINCE IT CONTAINED NO INFORMATION  
NOT ACCOUNTED FOR IN THE REPORT  
66B

