

T-12284

T-12284

T-12284

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	SHORELINE (Photo)
Field No.	Office No. T-12284
LOCALITY	
State	SOUTH CAROLINA
General locality	WINYAH BAY TO CHARLESTON HARBOR
Locality	HAMLIN CREEK
19 <del>63</del> 1962-1964	
CHIEF OF PARTY	
Wm. M. Reynolds, Field Party	
J. Bull, Norfolk Regional Office	
LIBRARY & ARCHIVES	
DATE	

## DESCRIPTIVE REPORT - DATA RECORD

T - 12284

PROJECT NO. (II):

Ph-6216

FIELD OFFICE (II):

Georgetown, South Carolina

CHIEF OF PARTY

W. M. Reynolds

PHOTOGRAMMETRIC OFFICE (III):

Tampa, Florida

OFFICER-IN-CHARGE

J. C. Bull

INSTRUCTIONS DATED (I) (III):

Oct. 8, 1962 Field

Nov. 5, 1962 Office

Feb. 20, 1963 " Amendment I

April 26, 1963 " " II

Oct. 10, 1963 " Supplement I

METHOD OF COMPILATION (III):

Kelsh Plotter

MANUSCRIPT SCALE (III):

1:10,000

STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):

1:6,000

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): MHW

~~MEAN LOW WATER~~ 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):

GOAT ISLAND 1857

LAT.:

32° 48' 10".762 (331.5m)

LONG.:

79° 46' 26".585 (691.7m)

☒ ADJUSTED☐ UNADJUSTED

PLANE COORDINATES (IV):

Y = 354,968.72

X = 2,376,690.95

STATE

South Carolina

ZONE

South

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.

FORM C&GS-181b (12-61)		U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY	
<b>DESCRIPTIVE REPORT - DATA RECORD</b>			
FIELD INSPECTION BY (II): <b>M. A. Stewart - R. S. Tibbetts</b>		DATE: <b>February 1963</b>	
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION):  <b>Air Photo Compilation</b> <b>Dates of Photographs: Sept. 1, 1962</b> <b>Feb. 21, 1963</b>			
PROJECTION AND GRIDS RULED BY (IV): <b>A. Riley</b>		DATE <b>Feb. 1963</b>	
PROJECTION AND GRIDS CHECKED BY (IV): <b>L. F. B.</b>		DATE <b>Feb. 1963</b>	
CONTROL PLOTTED BY (III): <b>V. P. Cackowski</b>		DATE <b>May 1963</b>	
CONTROL CHECKED BY (III): <b>R. D. Purvis</b>		DATE <b>May 1963</b>	
<del>XXXXXXXXXX</del> STEREOSCOPIC CONTROL EXTENSION BY (III): <b>Washington Office</b>		DATE <b>April 1963</b>	
STEREOSCOPIC INSTRUMENT COMPILATION (III):	PLANIMETRY <b>R. J. Pate</b>	DATE <b>June 1963</b>	
	CONTOURS <b>Inapplicable</b>	DATE	
MANUSCRIPT DELINEATED BY (III): <b>J. Honick</b> " " <b>Reviewed By: R. R. Wagner</b>		DATE <b>July 1963</b> <b>Dec. 1963</b>	
SCRIBING BY (III): <b>P. Leikhim</b> " <b>Reviewed By: R. R. Wagner</b>		DATE <b>March 1964</b> <b>April 1964</b>	
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): <b>R. R. Wagner</b>		DATE <b>Sept. 1964</b>	
REMARKS:			

## DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

Camera S &amp; W

## PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
62-S-1202A & 1203A	Sept. 1, 1962	9:52	Diapositives	inshore
63-W-3071 & 3072	Feb. 21, 1963	11:15	1:30,000	-0.1

Predicted

TIDE (III)

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: Charleston		5.1	6.0
SUBORDINATE STATION: Sullivans Island (outer coast)	H.W. +0.1 L.W. 0.0	5.2	6.1
SUBORDINATE STATION:			

*FINAL*  
WASHINGTON OFFICE REVIEW BY (IV): M.M. SLAUNEY, Atlantic Marine Center

DATE: Nov. 1965

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):

5

RECOVERED:

1

IDENTIFIED:

0

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

(Tidal)

3

RECOVERED:

2

IDENTIFIED:

1

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):

None

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):

None

REMARKS:

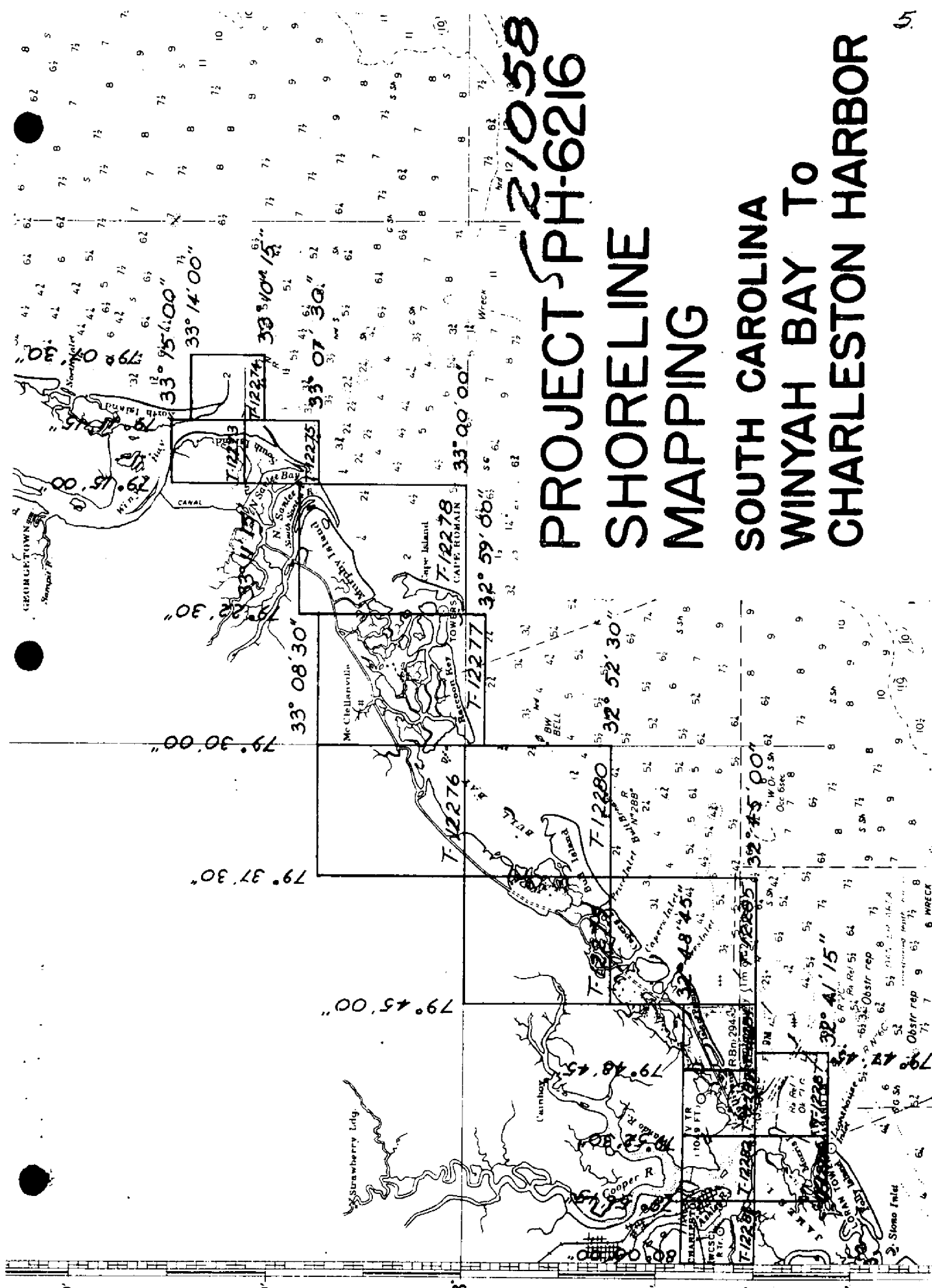
FIELD EDIT - 1964

## COMPILATION RECORD

## COMPLETION DATE

## REMARKS

Compilation complete Pending field edit	July 1963	Superseded
Alongshore area revised from field edit. Compilation complete	Dec. 1963	



21058

# PROJECT PH-6216

## SHORELINE MAPPING

### SOUTH CAROLINA WINYAH BAY TO CHARLESTON HARBOR

SUMMARY TO ACCOMPANY  
DESCRIPTIVE REPORT T-12283 & T-12284

Shoreline manuscripts T-12283 and T-12284 are two of nine 1:10,000 scale manuscripts in Project 21058 (Winyah Bay to Charleston, South Carolina), which also contains six 1:20,000 scale manuscripts. The sketch on page 5 of this report shows the position of these manuscripts in the project.

This is a stereoscopic instrument project in advance of hydrographic surveys of the area. 1:30,000 scale panchromatic photographs were taken with the S and W cameras on Sept. 1, 1962 ("S") and February 21, 1963 ("W"). The stereo bridge was run and adjusted to field identified control in the Washington Office. Compilation was done with the Kelsh Plotter. 1:10,000 scale ratio prints were processed and provided for photo hydro support.

The field operations preceding compilation included field inspection and identification of control to be used in the stereo bridge. The manuscripts were later field edited in conjunction with photo hydro support.

The compilation manuscripts were vinylite sheets 3.75 minutes in latitude and longitude. The smooth manuscripts are on cronaflex for review. One cronar positive and one cronar negative of each map is furnished for registry and record after final review.

FIELD INSPECTION REPORTT-12284

Submitted with T-12277.



AEROTRIANGULATION REPORTT-12284

Submitted with T-12283.

SCALE FACTOR

1 FT. 3048006 METER LISTED COMPUTED BY: C. Houck	DATE 4-18-63	CHECKED BY: R. D. Wagner	DATE May 8, 63	COMM-DC-57843
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COMPILATION REPORTT-12284

Items 31 thru 47 are submitted with T-12283.

48. GEOGRAPHIC NAMES LIST

Geographic names were taken from the Final Name Sheet as prepared on the FORT MOULTRIE quadrangle by the Geographic Names Section, Washington Office.

ATLANTIC OCEAN

MEETING REACH

BREACH INLET

OCEAN BOULEVARD

CLUBHOUSE POINT

PALM BOULEVARD

GOAT ISLAND

SEVEN REACHES

GRAY BAY

SOUTH CAROLINA

STATE 703

HAMLIN CREEK

SWINTON CREEK

INTRACOASTAL WATERWAY

THOMPSON MEMORIAL BRIDGE

ISLE OF PALMS (ISLAND)

ISLE OF PALMS (COMMUNITY)

LITTLE GOAT ISLAND

GEOGRAPHIC NAMES

Ph 6216 (Winyah Bay - Charleston Bay, S.C.)

T-12284

Atlantic Ocean

Breach Inlet

Clubhouse Point

Goat Island

Gray Bay

Hamlin, Creek

Intracoastal Waterway

Isle of Palms

Little Goat Island

Meeting Reach

Ocean Blvd.

Palm Blvd.

Seven Reaches

Swinton Creek

Thompson Memorial Bridge

*A. J. Wraight*

A. J. Wraight  
Chief, Geographic Names

T-12284

49. NOTES FOR THE HYDROGRAPHER

Verification of delineation of ocean front mean high-water line in the vicinity of Beach Inlet has been requested of the Field Editor.

## PHOTOGRAMMETRIC OFFICE REVIEW

T-40343T-12284

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1. PROJECTION AND GRIDS RRW		2. TITLE RRW 4a Classification label		3. MANUSCRIPT NUMBERS unclassified RRW		4. MANUSCRIPT SIZE RRW	
CONTROL STATIONS							
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY RRW				6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) XX		7. PHOTO HYDRO STATIONS XX	
8. BENCH MARKS RRW		9. PLOTTING OF SEXTANT FIXES XX		10. PHOTOGRAMMETRIC PLOT REPORT BRIDGE, W.O.		11. DETAIL POINTS BRIDGE	
ALONGSHORE AREAS (Nautical Chart Data)							
12. SHORELINE RRW		13. LOW-WATER LINE RRW		14. ROCKS, SHOALS, ETC. RRW		15. BRIDGES RRW	
16. AIDS TO NAVIGATION RRW		17. LANDMARKS RRW		18. OTHER ALONGSHORE PHYSICAL FEATURES RRW		19. OTHER ALONGSHORE CULTURAL FEATURES RRW	
PHYSICAL FEATURES							
20. WATER FEATURES RRW				21. NATURAL GROUND COVER RRW		22. PLANETABLE CONTOURS XX	
23. STEREOSCOPIC INSTRUMENT CONTOURS XX		24. CONTOURS IN GENERAL XX		25. SPOT ELEVATIONS XX		26. OTHER PHYSICAL FEATURES RRW	
CULTURAL FEATURES							
27. ROADS RRW		28. BUILDINGS RRW		29. RAILROADS XX		30. OTHER CULTURAL FEATURES RRW	
BOUNDARIES							
31. BOUNDARY LINES XX				32. PUBLIC LAND LINES XX			
MISCELLANEOUS							
33. GEOGRAPHIC NAMES RRW				34. JUNCTIONS RRW		35. LEGIBILITY OF THE MANUSCRIPT RRW	
36. DISCREPANCY OVERLAY XX		37. DESCRIPTIVE REPORT M.M.S.		38. FIELD INSPECTION PHOTOGRAPHS RRW		39. FORMS RRW	
40. REVIEWER RRW <i>R. R. Wagner</i>				SUPERVISOR, REVIEW SECTION OR UNIT <i>M. M. Slavney</i> M. M. Slavney			
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. R. Wagner</i> R. R. Wagner				SUPERVISOR <i>M. M. Slavney</i> M. M. Slavney			
43. REMARKS							

FIELD EDIT REPORT

T-12284

No field edit report was received.

Questions referred to the field editor on the ozalid Discrepancy  
Print were satisfactorily answered in October 1963.



REVIEW REPORT T-12284  
SHORELINE  
February 1966

Please see Descriptive Report for T-12283 for this report.

NOTES TO VERIFIER  
T-12283 and T-12284 Project 21058 (PH 6216)  
BOAT SHEET No. HFP 10-1-63 & PE 20-1-64A

None