

T-12279**T-12279****T-12279**

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	SHORELINE
Field No.	Office No. T-12279
LOCALITY	
State	SOUTH CAROLINA
General locality	WINYAH BAY TO CHARLESTON HARBOR
Locality	SEWEE BAY
1962 - 1963	
CHIEF OF PARTY	
J. K. Wilson, Field Party	
J. C. Bull, Norfolk Regional Office	
LIBRARY & ARCHIVES	
DATE	

DESCRIPTIVE REPORT - DATA RECORD

T - 12279

PROJECT NO. (II):

Ph 6216

FIELD OFFICE (II):

Georgetown, South Carolina

CHIEF OF PARTY

Joseph K. Wilson

PHOTOGRAMMETRIC OFFICE (III):

Tampa, Florida

OFFICER-IN-CHARGE

V. Ralph Sobieralski

INSTRUCTIONS DATED (II) (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):

1:20,000

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):

NA 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):

WHITE 1934

LAT.:

32° 53' 41" 822(1288.3m)

LONG.:

79° 42' 54" 186 (1408.3m)

☒ ADJUSTED☐ UNADJUSTED

PLANE COORDINATES (IV):

y = 388,639.47

x = 2,394,409.95

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.

DESCRIPTIVE REPORT - DATA RECORD

FIELD INSPECTION BY (II): M. A. Stewart J. D. Shea H. G. Lucas		DATE: February 1963
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): Air photo compilation Date of photography: Sept. 1, 1962 Feb. 21, 1963		
PROJECTION AND GRIDS RULED BY (IV): A. Riley		DATE Feb. 1963
PROJECTION AND GRIDS CHECKED BY (IV): LFB		DATE Feb. 1963
CONTROL PLOTTED BY (III): V. P. Cackowski		DATE April 1963
CONTROL CHECKED BY (III): J. Honick		DATE April 1963
RADIO PLOTTER STEREOSCOPIC CONTROL EXTENSION BY (III): J. L. Lisle		DATE April 1963
STEREOSCOPIC INSTRUMENT COMPILATION (III):	PLANIMETRY R. J. Pate	DATE April 1963
	CONTOURS	DATE
MANUSCRIPT DELINEATED BY (III): R. E. Smith " " Reviewed By W. H. Shearouse		DATE May 1963 May 1963
SCRIBING BY (III): V. P. Cackowski R. J. Pate		DATE April 1964 May 1964
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): W. H. Shearouse		DATE June 1964
REMARKS: FIELD EDIT - 1963		

DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

Cameras S & W

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
62S1196A 62S1197A	Sept. 1, 1962 "	9:49	1:30,000(diapositives) "	4.7
62S1222A thru 62S1227A	Sept. 1, 1962	10:09 +0 10:12	"	4.4
63W3079	Feb. 21, 1963	11:18	"	-0.1

Predicted TIDE (III)

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: Charleston		5.1	6.0
SUBORDINATE STATION: Capers Inlet	HW LW	+0.1 0.0	5.2 6.1
SUBORDINATE STATION:			

WASHINGTON OFFICE REVIEW BY (IV): M. M. Slavney, Norfolk Regional Office

DATE: 6/65

PROOF EDIT BY (IV): M. M. Slavney, Norfolk Regional Office

DATE: 11/65

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):

21

RECOVERED:

15

IDENTIFIED:

2

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

(Tidal) 8

RECOVERED:

5

IDENTIFIED

2*

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):

None

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):

None

REMARKS:

*1 of these is in an area of map manuscript not compiled

COMPILATION RECORD

COMPLETION DATE

REMARKS

Compilation complete pending field edit	May 1963	Superseded
Alongshore field edit applied compilation complete	Nov. 1963	

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-12279

Shoreline manuscript T-12279 is one of six 1:20,000 scale maps in Project 21058 (Winyah Bay to Charleston, South Carolina), which also contains nine 1:10,000 manuscripts. The sketch on page 5 of this report shows the position of this manuscript 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 W & S cameras on September 1, 1962 and February 21, 1963. The stereo bridge was run and adjusted to field identified control in the Washington Office. Compilation was done with the Kelsh Plotter. 1:20,000 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 manuscript was a vinylite sheet 7.5 minutes in latitude and longitude. The smooth manuscript was on cronaflex for review. One cronar positive and one cronar negative are furnished for registry and record after final review.

FIELD INSPECTION REPORT

T-12279

Submitted with T-12277.

AEROTRIANGULATION REPORT

T-12279

Submitted with T-12283.

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

MAP T. 12279 PROJECT NO. 6216 SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ν -COORDINATE LONGITUDE OR ϵ -COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
MITCHELL, 1932	12	N.A. 1927	420,112.48 2,410,857.62	12 8050.5 73 4830.9			PD VPC 4/19/62
WHARF, 1934	100	"	391,549.85 2,421,045.48	11 9344.6 73 7936.1			"
CLAUSON (USE), 1934	100	"	389,411.76 2,401,529.57	11 8692.9 73 1987.7			"
PRICE, 1921	99	"	385,748.66 2,411,684.36	11 7576.4 73 5082.9			"
WHITE SIDE (USE), 1934	100	"	384,214.34 2,387,315.22	11 7108.8 73 1007.9			"
SANPA, 1934	99	"	382,376.83 2,404,527.77	11 6548.7 73 2901.5			"
BOWER, 1942	104	"	387,915.64 2,422,146.80	11 8236.9 73 8271.8	E. of Sheet		"
NIG, 1928	15	"	397,527.98 2,388,044.22	12 1166.8 72 7877.3			"
WOOD, 1928	15	"	395,841.83 2,386,221.68	12 0652.8 72 7321.8			"
LAST, 1928	15	"	399,416.94 2,391,558.82	12 1742.5 72 8948.6			"
SEWEE (USE) 1934	99	"	403,342.54 2,410,820.03	12 2939.1 73 489.4			"
WHITE, 1934	99	"	388,639.47 2,394,409.95	11 8457.5 72 9817.6			"

1 FT. = 3048006 METER

LISTED BY: J. Honick

DATE 4-17-63

CHECKED BY: J. M. Slany

DATE 4/18/63

COMM-DC-57843

MAP T. 12279.

PROJECT NO. 6216

SCALE OF MAP ...

SCALE FACTOR

[illegible]

1 FT. = 3048006 METER
LISTED
COMPUTED BY: C.

BY: *C. Henick*

DATE:

4-17-63

CHECKED BY:

Mr. Mr. D. D. D. D.

DATE _____

11/14/3

COMM-DC-57843

11.

COMPILATION REPORT

T-12279

Items 31 thru 47 are submitted with the Descriptive Report
for T-12285.


Approved and Forwarded
John C. Bull
Norfolk Regional Officer


M. M. Slavney

T-12279

48. Geographic Name List

Names were taken from the Final Name Sheet as prepared on the SEWEE BAY quadrangle by the Geographic Names Section, Washington Office.

Anderson Creek	Intracoastal Waterway
Andersonville	Mark Bay
Atlantic Ocean	Moore's Landing
Awendaw Church	*Mills Road
Awendaw School	Ocean Highway
Back Creek	Price Creek
Blind Creek	Santee Pass
Bull Creek	Schooner Creek
Bull Island	Sewee Bay
Bull Narrows	Sewee Road
Capers Creek	South Carolina
Capers Island	Summerhouse Creek
Cape Romain National Wildlife Refuge	Ten Mile
Clauson Creek	U. S. 17
Doar Road	U. S. 701
Hickory Bay	Venning Creek
	Whiteside Creek

*Name submitted by field editor in Nov. 1963.

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

T-12279 (Shoreline)

Andersonville
Andersonville Creek
Atlantic Ocean
Awendaw Church
Awendaw School

Bull Island
Bull Narrows
Back Creek
Bull Creek
Blind Creek

Cape Romain National Wildlife Refuge
Clauson Creek
Capers Island
Capers Creek

Chandler *(Not used, outside delineation limits)*
Hickory Bay

Mark Bay
Moores Landing
Summerhouse Creek

Price Creek
Ocean Highway
Sewee Bay

Sewee Road
Santee Pass
Schooner Creek
Ten Mile

Venning Creek

Ward Bridge *(Not used, outside delineation limits)*

Wando River

Woodville

Whiteside Creek

A. J. Wraight
A. J. Wraight
Geographic Names

T-12279

49. NOTES FOR THE HYDROGRAPHER

Additional "cuts" have been requested from the field editor for positive location of WINYAH BAY - CHARLESTON HARBOR Daybeacons 67, 74, 84, 88, 90, and 94. The positions shown for 67 and 74 are the result of flat cuts; and 84, 88, 90, and 94 need another cut to check the "one cut and distance" by which they were located.

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
TO BE REMOVED
TO BE DELETED

STRIKE OUT TWO

I recommend that the following objects which have (been) been inspected from seaward to determine their value as landmarks be charted on (charts) the charts indicated.
The positions given have been checked after listing by

Tampa District Office

Jan. 9 19 64

R. E. Smith

V. Ralph Sobieralski Chief of Party

SOUTH CAROLINA				POSITION					METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE		LONGITUDE								
				D. M. METERS	"	D. M. METERS	"	D. M. METERS						
	LIGHT 65	WYTHAM BAY - CHARLESTON HARBOR		32 57	31.97 595	79 38	81.25 552	N.A. 1927	1/22/63					637
	DAYEN 67	"	"	32 57	20.39 628	79 38	30.22 785	"	1/22/63					"
	LIGHT 68	"	"	32 57	6.23 192	79 38	84.66 1160	"	1/23/63					"
	DAYEN 69	"	"	32 56	16.16 1422	79 38	57.36 1190	"	"					"
	LIGHT 71	"	"	32 56	15.03 1079	79 39	06.08 158	"	"					"
	DAYEN 73	"	"	32 56	20.66 883	79 39	08.61 229	"	"					"
	DAYEN 74	"	"	32 56	13.28 109	79 39	17.94 166	"	1/22/63					"
	LIGHT 76	"	"	32 55	20.12 1544	79 39	26.67 693	"	1/23/63					"
	DAYEN 78	"	"	32 55	17.01 1140	79 39	12.14 835	"	2/1/63					"
	LIGHT 80	"	"	32 55	07.66 236	79 39	63.64 1134	"	1/23/63					"
	LIGHT 82	"	"	32 54	21.82 1168	79 40	18.47 508	"	"					"
	DAYEN 84	"	"	32 54	22.76 6896	79 40	26.51 4896	"	1/22/63					"
	LIGHT 86	"	"	32 54	27.6	79 40	620	"	2/1/63					"
	DAYEN 88	"	"	32 53	56.94 1754	79 40	54.54 1116	"	1/23/63					"

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. 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.

* TABULATE SECONDS AND METERS

NONFLOATING AIDS

Tampa District Office

Jan. 9, 1961

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

The positions given have been checked after listing by

五、

V. Ralph Sobieralski *Chief of Party.*

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. 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.

* TABULATE SECONDS AND METERS

FORM 182 (3-61)		PHOTOGRAMMETRIC OFFICE REVIEW		U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY	
50		T- 12279			
1. PROJECTION AND GRIDS WHS		2. TITLE WHS		3. MANUSCRIPT NUMBERS WHS	
		4a Classification label <u>unclassified</u>		4. MANUSCRIPT SIZE WHS	
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 WHS	9. PLOTTING OF SEXTANT FIXES WHS	10. PHOTOGRAMMETRIC PLOT REPORT BRIDGE (W.O.)	
	11. DETAIL POINTS KELSH (I.I.S.)				
ALONGSHORE AREAS (Nautical Chart Data)	12. SHORELINE WHS	13. LOW-WATER LINE WHS	14. ROCKS, SHOALS, ETC. XX	15. BRIDGES XX	
	16. AIDS TO NAVIGATION WHS	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 WHS	29. RAILROADS XX		
	30. OTHER CULTURAL FEATURES WHS				
BOUNDARIES	31. BOUNDARY LINES XX		32. PUBLIC LAND LINES XX		
MISCEL- LANEOUS	33. GEOGRAPHIC NAMES WHS		34. JUNCTIONS WHS		
	35. LEGIBILITY OF THE MANUSCRIPT WHS	36. DISCREPANCY OVERLAY WHS		37. DESCRIPTIVE REPORT M.M.S.	
	38. FIELD INSPECTION PHOTOGRAPHS WHS		39. FORMS WHS		
	SIGNATURE OF REVIEWER <i>Wm. H. Shearouse</i> William H. Shearouse		SIGNATURE OF SUPERVISOR, REVIEW SECTION OR UNIT <i>Milton M. Slavney</i> Milton M. Slavney		
40. FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT-Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted in remarks on reverse side.					
SIGNATURE OF COMPIER <i>V. F. Cackowski</i> V. F. Cackowski			SIGNATURE OF SUPERVISOR <i>M. M. Slavney</i> M. M. Slavney		

FIELD EDIT REPORT

T-12279

A field edit report was not submitted.

Questions referred to the field editor on the ozalid Discrepancy Print were answered and dated Nov. 1963:

1. Check cuts and/or new fixes for location of daybeacons in the Intracoastal Waterway.
2. Roads and trails along the beach. One new name, Mills Road, was indicated on quadrangle BULL ISLAND.
3. Shoreline changes were suspected since photography at the inlet to Price Creek. The new shoreline was located with fixes and sketched on the ozalid print.

M.

TIDE COMPUTATION

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

10:10 A.M.
9:49 A.M.
62-5-1197A
62-5-1225A
Time and date of exposure SEPT. 1, 1962

PROJECT NO. Ph-

T 12279

Reference station

CHARLESTON, S.C.

Mean range

5.2

Date of field inspection

Subordinate station

CAPERS INLET, S.C.

Ratio of ranges

	Time		Height feet	Height x Ratio of ranges	Time		Time Corrected time at Subordinate station
	h.	m.			h.	m.	
High tide	08	53	5.2	40.1 = 5.3	09	09	Low tide at Ref. Sta. 15 15
Low tide	15	01	0.3	0.05 = 0.3	16	16	Time difference - 14
Duration of rise or fall	6	08	4.9	5.0	08	53	Corrected time at Subordinate station 15 01

	h.	m.		feet		feet	Photo. No.
Time H. T. or L. T.	8:53		Ht. H. T. or L. T.	5.3	Feature bares		
Required time	9:49		Tabular correction	.3	Stage of tide above MLW		
Interval	56		Stage of tide above MLW	5.0	Feature above MLW		
Time H. T. or L. T.	8:53		Ht. H. T. or L. T.	5.3	Feature bares		
Required time	10:10		Tabular correction	0.5	Stage of tide above MLW		
Interval	1:17		Stage of tide above MLW	4.8	Feature above MLW		
Time H. T. or L. T.			Ht. H. T. or L. T.		Feature bares		
Required time			Tabular correction		Stage of tide above MLW		
Interval			Stage of tide above MLW		Feature above MLW		
Time H. T. or L. T.			Ht. H. T. or L. T.		Feature bares		
Required time			Tabular correction		Stage of tide above MLW		
Interval			Stage of tide above MLW		Feature above MLW		
Time H. T. or L. T.			Ht. H. T. or L. T.		Feature bares		
Required time			Tabular correction		Stage of tide above MLW		
Interval			Stage of tide above MLW		Feature above MLW		

COMM-DC-57848

Computed by

JCA

Checked by

JCA

TIDE COMPUTATION

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEYPhoto 13-W-3078
11:18 AM

PROJECT NO. Ph-

T-12279

SPRING 6.0

Time and date of exposure

FEB. 21. 63

Reference station

CHARLESTON S.C.

Mean range

5.1

Date of field inspection

62

Subordinate station

CAPERS INLET S.C.

Ratio of ranges

	Time	
	h.	m.
High tide	5	25
Low tide	11	50
Duration of rise or fall	6	25

	Height		Ratio of ranges
	feet	feet	
High tide	5.2	+0.1	5.3
Low tide	-0.2	0.0	-0.2
Range of tide			5.1

	Time	
	h.	m.
High tide at Ref. Sta.	0	5 41
Time difference	-	0 16
Corrected time at Subordinate station	5	25

	Time	
	h.	m.
Low tide at Ref. Sta.	12	04
Time difference	-	0 14
Corrected time at Subordinate station	11	50

	h.	m.		feet		Photo. No.
Time H. T. or L. T.	11	50	Ht. H. T. or L. T.	-0.2	Feature bares	
Required time	11	18	Tabular correction	0.1	Stage of tide above MLW	
Interval	0	32	Stage of tide above MLW	-0.1	Feature above MLW	
Time H. T. or L. T.			Ht. H. T. or L. T.		Feature bares	
Required time			Tabular correction		Stage of tide above MLW	
Interval			Stage of tide above MLW		Feature above MLW	
Time H. T. or L. T.			Ht. H. T. or L. T.		Feature bares	
Required time			Tabular correction		Stage of tide above MLW	
Interval			Stage of tide above MLW		Feature above MLW	
Time H. T. or L. T.			Ht. H. T. or L. T.		Feature bares	
Required time			Tabular correction		Stage of tide above MLW	
Interval			Stage of tide above MLW		Feature above MLW	
Time H. T. or L. T.			Ht. H. T. or L. T.		Feature bares	
Required time			Tabular correction		Stage of tide above MLW	
Interval			Stage of tide above MLW		Feature above MLW	
Time H. T. or L. T.			Ht. H. T. or L. T.		Feature bares	
Required time			Tabular correction		Stage of tide above MLW	
Interval			Stage of tide above MLW		Feature above MLW	

Computed by

D.C.R.

Checked by

W.M.S.

17

REVIEW REPORT T-12279
SHORELINE
June 1965

61. GENERAL STATEMENT

See summary accompanying Descriptive Report (page 6)

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

T-5391	1:10,000 scale	1934	photographs	(no compilation date)
T-5392	" "	" "	" "	" "
T-5393	" "	" "	" "	" "
T-5394	" "	" "	" "	" "

An ozalid comparison print of T-12279 is submitted with the differences noted:

The changes at the mouth of Price Creek and the Atlantic Ocean shoreline of Bull Island and Capers Island are pronounced. The comparison print shows the shoreline moving out in one area and the receding shoreline in another.

The Intracoastal Waterway has been widened about double along much of its length.

A string of small islets along the east side of the Intracoastal Waterway in Sewee Bay are probably the result of deepening and widening the Intracoastal Waterway.

There is considerable difference in the shoreline of the west side of the Intracoastal Waterway as shown on T-5393, for about a mile north, and a half a mile south of Andersonville. It is noted that the field inspection notes were specific.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

U.S.G.S. - SEWEE BAY, South Carolina 1:24,000 1959

There are obvious changes at the mouth of Price Creek and the Atlantic Ocean shoreline.

On the junction of the map with T-12280, longitude $79^{\circ} 37' 30''$ at latitude $32^{\circ} 58.7'$ and latitude $32^{\circ} 58.9'$, on the north side of the Intracoastal Waterway, the field inspector indicated "Ma" and an unindented shoreline. The quadrangle shows two water indentions off the Intracoastal Waterway 300 ft. wide and several hundred feet long.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

Boat Sheet

PE 20-3-63

1:20,000

No date

The boat sheet, for the Atlantic Coast and the inlets only, and the map are in agreement.

65. COMPARISON WITH NAUTICAL CHARTS

Chart 837 SC, 1:40,000 scale, 1st edition corrected thru Notice to Mariners No. 40 of October 3, 1964.

Chart 1238, 1:80,000 scale, 4th edition, May 10, 1965. Chart 1238 was used for comparison in the area not covered by chart 837 SC.

Both charts show the Intracoastal Waterway too narrow by 30 to 50 meters.

The western shoreline of the Intracoastal Waterway for about a mile north and south of Andersonville does not agree with this map. The charts source of planimetry may have been T-5393; please see - the last paragraph of Item 62.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

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

Reviewed by

M. M. Slavney
M. M. Slavney

Approved by

J. Bull
J. Bull
Norfolk Regional Officer

Approved by

Charles Theurer
Charles Theurer 568
Chief, Cartographic Branch
Photogrammetric

L. F. Woodward
for J. E. Waugh
Chief, Photogrammetry D²

Chief, Chart Division

Chief, Operator

NOTES TO VERIFIER
T-12279 Project 21038 (Ph-6216)
BOAT SHEET No. PE 20-3-63

None.