

T-12283**12283****12283**

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	SHORELINE (Photo)
Field No.	Office No. T-12283
LOCALITY	
State	SOUTH CAROLINA
General locality	WINYAH BAY TO CHARLESTON HARBOR
Locality	SULLIVANS ISLAND
1963 1962-1964	
CHIEF OF PARTY	
W.M. Reynolds, Chief of Field Party	
J. Bull, Norfolk Regional Office	
LIBRARY & ARCHIVES	
DATE	

DESCRIPTIVE REPORT - DATA RECORD

T - 12283

PROJECT NO. (II):

Ph-6216

FIELD OFFICE (II):

Georgetown, S. C.

CHIEF OF PARTY

W. M. Reynolds

PHOTOGRAMMETRIC OFFICE (III):

Tampa, Fla.

OFFICER-IN-CHARGE

V. Ralph Sobieralski

INSTRUCTIONS DATED (II) (III):

Oct. 8, 1962	Field	
Nov. 5, 1962	Office	
Feb. 20, 1963	"	Amendment 1
April 26, 1963	"	" 2
Oct. 10, 1963	"	Supplement 1

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 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):

CHARLESTON NEW LIGHTHOUSE 1963

LAT.:

32° 45' 27".895 (859.3m)

LONG.:

79° 50' 36".355 (946.4m)

☐ ADJUSTED☒ UNADJUSTED

PLANE COORDINATES (IV):

= 338,269.07 Ft.

x = 2,355,554.63 Ft.

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		DATE: May 1963
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): Air Photo Compilation Date of photographs: April 2, 1962 Sept. 1, 1962 Feb. 21, 1963		
PROJECTION AND GRIDS RULED BY (IV): A. Riley		DATE Feb. 1963
PROJECTION AND GRIDS CHECKED BY (IV): L.F.B.		DATE Feb. 1963
CONTROL PLOTTED BY (III): V. P. Cackowski		DATE April 1963
CONTROL CHECKED BY (III): R. D. Purvis		DATE April 1963
STEREOSCOPIC STEREOSCOPIC CONTROL EXTENSION BY (III): Washington Office		DATE April 1963
STEREOSCOPIC INSTRUMENT COMPILATION (III):	PLANIMETRY R. J. Pate I. I. Saperstein	DATE June 1963
	CONTOURS Inapplicable	DATE
MANUSCRIPT DELINEATED BY (III): " " J. Honick Reviewed by: R. R. Wagner		DATE June 1963 Dec. 1963
SCRIBING BY (III): P. Leikhim Reviewed By: W. H. Shearouse		DATE Feb. 1964 March 1964
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): I. I. Saperstein		DATE Sept. 1964
REMARKS: FIELD EDIT 1963-1964		

DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

Camera S & W

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
62-S-1203A thru 1205A	Sept. 1, 1962	9:53	Diapositives 1:30,000	inshore +0.1 -0.1
62-S-4260 thru 4263	April 2, 1962	10:11		
63-W-3069 & 3070	Feb. 21, 1963	11:13		

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
SUBORDINATE STATION:			

WASHINGTON OFFICE REVIEW BY (IV): *FINAL* M.M. SLAVNEY, ATLANTIC MARINE CENTERDATE: *NOV. 1965*

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II): 14

RECOVERED: 8

IDENTIFIED: 1

NUMBER OF BM(S) SEARCHED FOR (II): 6

RECOVERED: 5

IDENTIFIED: 2

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III): none

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III): none

REMARKS:

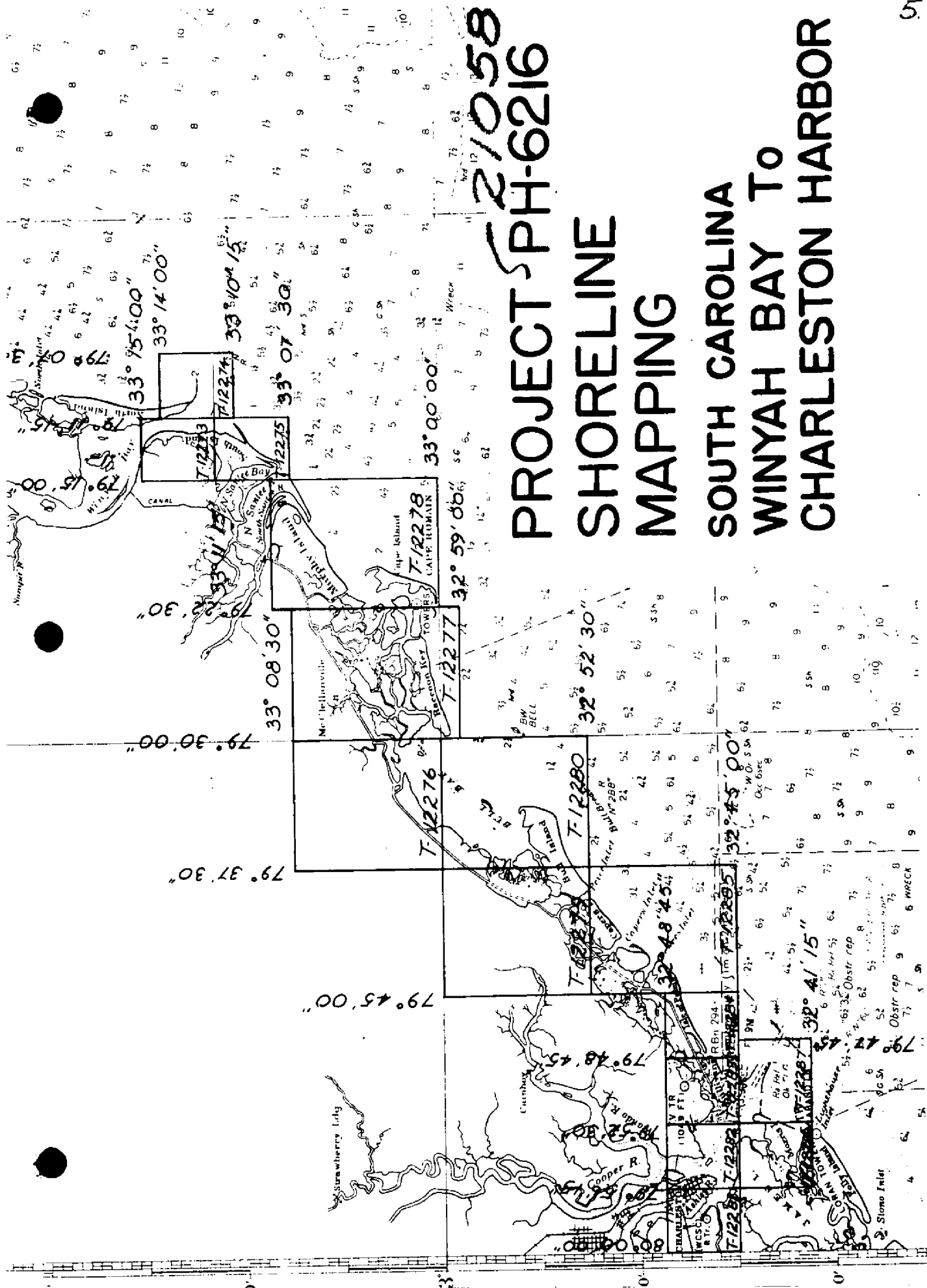
One intersection station was established.

COMPILATION RECORD

COMPLETION DATE

REMARKS

Alongshore area for hydro.	June 1963	Superseded
Alongshore area revised from field edit. Interior details added. Compilation complete.	Nov. 1963	



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 REPORT
PROJECT PH-6216
MAP T-12283

Please refer to Field Inspection Report submitted with map
T-12281 for all information pertaining to this map.

William M. Reynolds
William M. Reynolds
Chief, Sub-unit
Photo. Party 6420

8.

ISLE OF PALMS
PH-6216

Photogrammetric Plot Report *Part I*

Area Covered - The area covered in this report is the shore-line area from Charleston Harbor, South Carolina north to Georgetown Lighthouse at Winyah Bay, South Carolina. T-sheets of the area are: T-12276 thru T-12280, T-12285 at 1:20,000 scale and T-12273 thru T-12275, T-12283, T-12284 at 1:10,000 scale. The photography covering this area is comprised of six flight strips.

Method - Six horizontal bridges were run on the C-5 and C-8 stereoplanigraphs to provide pass points for Kelsh compilation. Strips #1 thru 4 were adjusted by the IBM-650. Strips #5 and 6 were adjusted linearly by the Clary computer.

Bridge #1 consists of Strip #1 and Strip #1A. Strip #1 is comprised of 12 models on photos 62S 11220A thru 1232A. The adjustment utilized 6 control points, with 6 control points as checks. It was tied to Strip #2 by 6 points and to Strip #1A by 9 points. Strip #1A consists of 4 models on photos 62S 1231A thru 1235A. The adjustment utilized 2 control points and one tie point from Strip #3, with 3 control points as checks. It was tied to Strip #1 with 9 points and to Strip #3 by 3 tie points.

Strip #2 consists of 12 models on photos 62S 1193A thru 1205A. The adjustment utilized 5 control points and one landmark, with 9 control points as checks. It was tied to Strip #1 by 8 points and to Strip #6 by 6 points.

Strip #3 consists of 14 models on photos 62S 1108A thru 1122A. The adjustment utilized 5 control points with 7 control points and 2 landmarks as checks. It was tied to Strip #1A by 3 tie points and to Strip #4 by 12 points.

Strip #4 consists of 6 models on photos 63W 3084 thru 3090. The adjustment utilized 2 control points and 1 tie point from Strip #3, with 6 control points as checks. It was tied to Strip #3 by 12 points and to Strip #5 by 4 points.

Strip #5 consists of 2 models on photos 62S 1186A thru 1188A. Linear adjustment utilized 2 control points with 4 control points as checks. It was tied to Strip #4 by 4 points.

Strip #6 consists of 2 models on photos 62S 4260 thru 4262. Linear adjustment utilized 2 control points with 6 tie points from Strip #2 as checks.

Isle of Palms (page 2)

Passpoints were chosen for graphic compilation of models 63W 3092 thru 3094, 62S 1122A thru 1125A and a part of model 62S 1185 and 1186.

Adequacy of Control - Control provided was adequate for bridging and complied with the project instructions. Several stations did not hold in the bridges. Station SHELL sub points B, in Strip #2, was misidentified in the office. Station CANE sub point A, Strip #3, is suspected to have been misidentified in the field. Station MORE sub station A and station GIBSON sub point A were poor imagepoints. Station REFUGE, 1934, (LDMK) was a monocular reading, since clouds covered the station on one photo.

Station RAIN sub points A and B held together in Strips #3 and #4, but did not hold with their computed positions. This is probably due to field misidentification.

Computations of all stations, which did not hold in the bridge, were checked; but none were found to be in error. All other closures to control held within the National Standards of Map Accuracy at 1:10,000.

Photography - Photography was adequate as to coverage, overlap and definition. (See appended sketch for closures to control.)

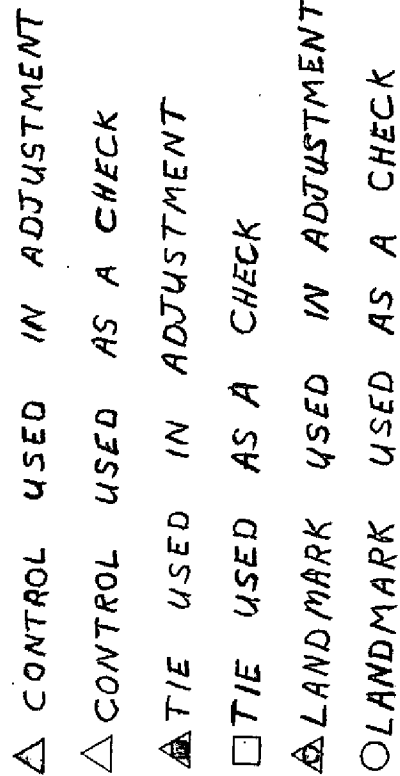
Submitted By:

James L. Lisle
James L. Lisle

Approved by:

John D. Perrow, Jr.
John D. Perrow, Jr.

APRIL 1963



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Isle of Palms
PH-6216

Symbol Pt.#		Name	1	1A	2	3	4	5	6
- STRIPS -									
	21490	TIE to #2	---		---				
Δ	21110	SHELL, 1924 SSA	+0.4; -1.1		+4.9; -3.4				
Δ	21111	" " SSB	+1.7; -3.8		+20.6; -12.4				
	22310	TIE to #2	---		---				
	23310	TIE to #2	---		---				
Δ	23110	WHITE, 1934 SSA	+0.5; +2.8						
Δ	23111	" " SSB	-0.8; -1.4						
	25493	TIE to #2	---		---				
Δ	26110	HICKORY, 1934 SSA	-0.7; -2.7		+2.8; +4.7				
Δ	26111	" " SSB	+3.7; -1.7		-1.6; +4.3				
Δ	28110	BELVI, 1934 SS1	+0.8; +1.7						
Δ	28111	" " SS2	-1.7; -6.4						
Δ	30110	OWENDAW, 1857 SSA	+1.2; +1.8						
Δ	30111	" " SSB	-0.6; -0.2						
	32320-330-310-490-491- 32492-493-494 TIE to 1A		---	---	---				
Δ	32110	MORE, 1943 SSA	-5.9; +12.5	-6.0; +12.1					
Δ	32111	" " SSB	-0.1; +0.5	0.0; 0.0					
Δ	33310	TIE to 1A		0.0; -0.2		0.0; 0.0			
	34310	TIE to 1A		---		---			
	35497 & 98	TIE to 1A AIDS 77-2 & 77-10		---		---			
Δ	35111	McCLELLANVILLE MICROWAVE TOWER, 1963	+0.9; -2.2						
Δ	35112	McCLELLANVILLE " 1932 SS1	+0.2; +0.2						
Δ	35113	McCLELLANVILLE " 1932 SS2	-1.5; +0.7						
Δ	04110	PLEASANT, 1942 SSA			-0.1; +5.9				

Isle of Palms
PH-6216

(2) 12.

- STRIPS -

Sym	01	Pt.#	Name	1	1A	2	3	4	5	6
Δ	04111		PLEASANT, 1942 SSB			-3.3; +5.6				0.0; 0.0
Δ	04112		MOULTIERVILLE STANDPIPE, 1942			+6.6; -3.6				
Δ	61110		Ft. Moultire			+1.5;				0.0;
Δ	04114		S.W. TANK			-3.6				0.0
Δ	00101		MORGAN SSA			+0.6; +4.4				
Δ	00102		" SSB			-0.4; -4.1				
Δ	97101		HUYLER			-0.6; +0.2				
Δ	97102		" SSA			-1.0; +0.2				
Δ	94401		LDMK BULL ISLAND C.G. TOWER, 1937			+0.5; +4.0				
Δ	93101		BULL 2, 1963 SSA			+0.5; -2.5				
Δ	93102		" " SSB			-0.7; -0.8				
Δ	09110		GEORGETOWN L.H. 1925				+1.6; -0.6			
Δ	09111		" " SS				Posit. Unknown			
0	08440		LDMK GEORGETOWN C.G. RADIO MAST, 1963				+2.5; -2.3			
0	09440		LDMK SIGNAL TOWER				+5.0; -6.8			
Δ	10110		GIBSON, 1934 SSA				+10.1; -12.8			
Δ	10111		" " SSB				-1.5; -5.6			
Δ	12111		CANE SSB				-6.0; +1.9			
Δ	15110		SSA ALLIGATOR 2, 1933				+1.8; +2.0			
Δ	15111		" " " SSB				+2.7; +0.3			
	89330 & 320									
	90330 & 320		TIE to #4				---	---		
Δ	89112		PAR, 1934				-0.9; +3.1	+0.3; -0.2		
Δ	89113		" " SSA				-7.0; +1.5	+1.3; +4.3		
	88330									
	88320		TIE to St. # 4				---	---		
Δ	88110		McCLELLANVILLE WILD- LIFE REFUGE L.O. TR. 1963				+1.1; -3.0	+1.7; +6.8		
Δ	88111		" " " SSA				+0.6; -2.0	+1.2; +0.8		

Isle of Palms
PH-6216

(3) 13

Symbol		Pt.#	Name	1	1A	2	- STRIPS -		3	4	5	6
		85330										
		85320	TIE to St. #4						---	---		
		84320	TIE to St. #4						---	---		
									0.0;	0.0;		
Δ		84330	TIE to St. #4						0.0	0.0		
									-0.9;			
Δ		22110	COON 2, 1963 SSA						+0.8			
									-5.8;			
Δ		22111	" " " SSB						+1.8			
		86310	TIE to St. #5							---	---	
		87310	TIE to St. #5							---	---	
									+0.2;	0.0;		
Δ		87110	DEVIL SSB						-0.2	0.0		
									-1.9;	-0.6;		
Δ		87111	DEVIL SSA						+1.9	-2.7		
		88490	TIE to St. #5							---	---	
									+0.9;			
Δ		89110	OUT 33, SSA						-0.9			
									-8.7;			
Δ		89111	" " SSB						+0.7			
			CAPE ROMAIN								+5.2;	
Δ		87112	L.H., 1924, 1942								+0.7	
			OLD CAPE ROMAIN								+4.8;	
Δ		87114	L.H., 1924								-0.7	
											0.0;	
Δ		86110	CAPE, 1934 SSA								0.0	
											-0.4;	
Δ		86111	" " SSB								+2.8	
		05330										
		05350										
		05340	TIE to St. #2						---			---
		05310										
		04310	TIE to St. #2						---			---
									-52.3;			
Δ		12110	CANE SSA						+89.1			
									-77.8;	-73.7;		
Δ		84111	RAIN SSB						+70.0	+75.1		
									-127.5	-124.1		
Δ		84110	" SSA						+58.8	+68.2		
			LDMK						+19.2;			
		35110	REFUGE, 1934						-16.1			

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

MAP T. 12283 PROJECT NO. Ph-6216 SCALE OF MAP 1:10,000 SCALE FACTOR

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 FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
				FORWARD	(BACK)		FORWARD	(BACK)	
MT. PLEASANT NEW TANK, 1936	103	N.A. 1917	349, 258.06 2, 346, 662.06	10	6454.1				PL
PLEASANT, 1942	104	"	348, 461.86 2, 353, 428.52	10	6211.4				PL
FORT MOULTRIE NEW TANK, 1953									
CHARLESTON NEW-OLD LIGHTHOUSE, 1903 Pos.		"	338, 269.07 2, 355, 554.63	10	3104.6				PL
FORT SUMTER BATTERY REF., 1919	60	"	336, 231.27 2, 346, 018.47	10	2483.5				PLC 6/14/63
S.C.D. 2, 1943	104	"	338, 667.81 2, 352, 138.27	10	3226.2				"
MOULTRIE, 1942	104	"	338, 796.12 2, 351, 408.92	10	3265.3				"
VENNING, 1857	98	"	354, 870.65 2, 360, 495.68	10	8164.8				"
MUD, 1933	60	"	344, 271.93 2, 353, 487.30	10	4934.3				"
JET, 1933	60	"	345, 798.18 2, 347, 083.55	10	5399.5				"
CONCH (USE), 1934	101	"	345, 793.67 2, 359, 354.18	10	5398.1				Plots in Intercoastal waterway
FORT MOULTRIE SOUTHWESTERLY TANK, 1942	104	"	339, 057.52 2, 352, 305.85	10	3344.9				"

1 FT = 3048006 METER
COMPUTED BY: J. U. Henrick

DATE 6-13-63

CHECKED BY: Wackowski

DATE June 13, 1963

COMM-DC-51843

COMPILATION REPORT T-12283 & T-12284

31. DELINEATION

The Kelsh Plotter was used.

The photography and field inspection were adequate.

32. CONTROL

See plot report.

33. SUPPLEMENTAL DATA

None used.

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

Drainage was delineated as photographed.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline inspection was adequate.

The low water and shoal lines are from office interpretation of the photographs.

36. OFFSHORE DETAILS

Compiled from field inspection, and see Item 35.

37. LANDMARKS AND AIDS

Forms 567 For Charting were submitted under the dates of June 7, 1963, June 26, 1963 and November 25, 1963.

Form 567 For Deletion was submitted under the date of October 24, 1963.

Form 567 For Revision was submitted under the date of December 2, 1963.

38. CONTROL FOR FUTURE SURVEY

There are no topographic or photo-hydro stations.

39. JUNCTIONS

T-12283: junctions have been made with T-12282 on the west, T-12284 on the east and T-12287 on the south. Project limits to the north.

T-12284: junctions have been made with T-12283 to the west, T-12285 on the east, T-12287 and project limits on the south and with a positive of T-5549 to the north.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

Comparison was made with USGS quadrangle FORT MOULTRIE, S.C., scale 1:24,000, dated 1959. Agreement is fair, the major change being on T-12283 where the outside shoreline at the southwest end of SULLIVANS ISLAND has changed and is now bulkheaded.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with C&GS chart 470, scale 1:20,000, 14th Edition, revised 10/29/62; and chart 837, scale 1:40,000, 2nd Edition of 3/19/62. They are in fair agreement.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

R. R. Wagner
R. R. Wagner

Approved and Forwarded:

J. Bull
Capt. J. Bull
Norfolk Regional Officer

T-12283

48. GEOGRAPHIC NAMES LIST

Geographic names were taken from the final name sheet submitted by the Washington Office on the USGS quadrangle FORT MOULTRIE, scale 1:24,000 edition of 1959.

ATLANTIC OCEAN

RAILROAD AVENUE
RIFLE RANGE ROAD

BREACH INLET

SAWYER MEMORIAL BRIDGE
SHEM CREEK

CHARLESTON HARBOR
CONCH CREEK

SOUTH CAROLINA
STATE 703

FORT MOULTRIE
FORT SUMTER

SULLIVANS ISLAND (ISLAND)
SULLIVANS ISLAND (COMMUNITY)
SULLIVANS ISLAND NARROWS
SWINTON CREEK

GOLDBUG ISLAND

INLET CREEK
INTRACOASTAL WATERWAY

THE COVE
THOMPSON MEMORIAL BRIDGE

JEANETTE CREEK

U. S. 17
U. S. 701

MCCANTS DRIVE
MOUNT PLEASANT

WHITESIDE SCHOOL

OCEAN HIGHWAY

GEOGRAPHIC NAMES

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

T-12283

Atlantic Ocean

Charleston Harbor

Breach Inlet

Conch Creek

Fort Moultrie

Fort Sumter National Monument

Goldbug Island

Inlet Creek

Intracoastal Waterway

Jeanette Creek

McCants Drive

Mount Pleasant

Ocean Highway

Rifle Range Road

Sawyer Memorial Bridge

Shem Creek

Sullivans Island

^{va ns}
~~Sullivan~~ Island Narrows

The Cove

Thompson Memorial Bridge

Whiteside School

A. J. Wright

A. J. Wright
Chief, Geographic Names

T-12283

49. NOTES FOR THE HYDROGRAPHER

Numerous shoreline points have been located by the Kelsh Plotter as an aid to the hydrographic support party.

Certain errors were noticed on the charts during the course of compilation of this manuscript.

CHART 837: Sullivans Island North Tank, misplotted. *OK. on latest issue (Aug. 1965)*
*Radio Beacon is on Charleston LH and not on Coast Guard cupola.

CHARTS 470 and 491: Sullivans Island North Tank is shown *Tank is in correct pos-*
in center of road. The road at this *ition; Road position*
point is not as wide as shown on the *and width should*
charts. *be corrected. See Comparison Print T-12283*

CHART 1239: *Radio Beacon is on Charleston LH and on *OK on 6th Ed. July 1964*
C. G. Cupola.

*According to 1963 Light List Volume II.

M. W. Slaomay
Jan. 1968

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED

STRIKE OUT TWO
TO BE CHARTED
TO BE CHARTED

Tampa District Office, Tampa, Fla. June 26, 1963

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

I. I. Saperstein

V. Ralph Sobieralski

Chief of Party

STATE		SOUTH CAROLINA		POSITION										METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	INTRACOASTAL	CHARTS AFFECTED
CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE*		LONGITUDE*		DATUM													
			D. M. METERS	"	D. M. METERS	"														
WINYAH BAY - CHARLESTON HARBOR																				
DAYEN 122	"		32 46	08.18	79 51	05.26	N.A. 1927	Plot T-12283	May 10 1963	X	X	X	X	X	X	X	X	837, 477		
DAYEN 123	"		32 46	00.71	79 51	15.21	"	"	"	X	X	X	X	X	X	X	X	491, 11		
LIGHT 125	"		32 45	51.91	79 51	32.04	"	"	"	X	X	X	X	X	X	X	X	"		
LIGHT 127	"		32 46	03.28	79 51	55.02	"	"	"	X	X	X	X	X	X	X	X	"		
LIGHT 128	"		32 46	07.53	79 51	55.40	"	"	"	X	X	X	X	X	X	X	X	"		
LIGHT 128	"		32 46	09.58	79 51	47.26	"	"	"	X	X	X	X	X	X	X	X	"		
DAYEN A	Fort Moultrie Channel		32 45	53.30	79 51	38.99	"	"	"	X	X	X	X	X	X	X	X	"		
DAYEN B	"		32 45	47.01	79 51	22.74	"	"	"	X	X	X	X	X	X	X	X	"		
	CHARLESTON HARBOR																			
DAYEN 1	MOUNT PLEASANT CHANNEL		32 46	12.69	79 52	22.82	"	"	May 9 1963	X	X	X	X	X	X	X	X	"		
DAYEN 2	"		32 46	16.52	79 52	15.18	"	"	"	X	X	X	X	X	X	X	X	"		
DAYEN 3	"		32 46	32.11	79 52	26.51	"	"	"	X	X	X	X	X	X	X	X	"		

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

NONRECOMMENDED/ADDED/OR LANDMARKS FOR CHARTS

TO BE CHARTED
TO BE REVISED
TO BE DELETED

STRIKE OUT TWO

Tampa District Office, Tampa, Fla. June 27 19 63

I recommend that the following objects which have ~~been~~ been inspected from seaward to determine their value as landmarks be charted on ~~(1:100,000)~~ the charts indicated.

The positions given have been checked after listing by

I. I. Saperstein

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 *		DATUM								
				° ' "	D.P. METERS	° ' "	D.P. METERS									
TANK		(Mt. Pleasant New Tank, 1936)		32 47	17.582 541.6	79 52	19.101 477.0	N.A. Triang. 1927 T-12283	May 9 1963	X	X				837,470, x 491,1239	
TOWER		ht = 141 (170)														
CHURCH		Stella Maris Church Tower		32 45	37.56 1157	79 51	31.35 816	" T-12283	May 20 1963	X	X			X	" "	
TANK		ht = 73 (78)														
		Sullivan's Island North Tank		32 45	54.08 1886	79 49	57.02 1484	"	"	X	X			X	" "	
		ht = 130 (139)														
TV TOWER		WCSC Television tower		32 47	141.47 1370	79 50	26.78 702	"	"		X	X				837,470 x 1239
		ht = 1044 (1052) *														
TV TOWER		WCIV Television tower		32 47	15.55 475	79 50	59.60 1551	Traverse T-12283	"		X	X				837,470, x 491,1239
		ht = 838 (847)														
TANK		Fort Moultrie New Tank		32 45	36.05 1110	79 51	14.30 372	" T-12283	May 16 1963	X	X			X		837,470, x 491,1239
		ht = 139 (147)														
		* Charts show elevation of tower as 1049 ft.														

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-53, 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

USCOMNAVDC 16234-P&I

NON-FLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED

TO BE REVISED

STRIKE OUT TWO

~~Tampa District Office, Tampa, Fla. June 27, 1963~~

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

The positions given have been checked after listing by

I. I. Saperstein

V. Ralph Sobieralski *Chief of Party.*

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-35, 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

USCOMM-DC 10384-P61

PHOTOGRAMMETRIC REVIEW BRANCH

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

~~TO BE DELETED~~

I recommend that the following objects which have ~~(been inspected from seaward)~~^{been inspected} their value as landmarks be ~~stayed down (deleted from)~~

The positions given have been checked after listing by

Robert D. Langer

V. Kalya Babbarajali *Chief of Party.*

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-35, 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

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTERED
FOR PREMISES
TO BE USED FOR

STRIKE OUT TWO

June 7 1963

Tampa District Office

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

The positions given have been checked after listing by

श्रीगुरुभ्यो नमः

V. Ralph Sobleralebi

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

TABULATE SECONDS AND METERS

USCOMM-DC 18234P61

2019-2020

June 7 1963

I recommend that the following objects which have ~~been~~ been inspected from seaward to determine their value as landmarks be charted on ~~(20022707250)~~ the charts indicated.

The positions given have been checked after listing by

J. Henrick

W. Ralph Sobieralski *Chief of Party*

Chief Party

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-35, 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

UNSCOMM-DC 15234-P81

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

December 2, 1963

~~TO BE OBSOLETE~~
TO BE REVISED
~~TO BE OBSOLETE~~

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

The positions given have been checked after listing by

Robert H. Wagner

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

* TABULATE SECONDS AND METERS

USCOMM-DC 16234-P81

C&GS FORM 1002 (11-13-61)		U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY	
PHOTOGRAMMETRIC OFFICE REVIEW			
50		x-10062 T-12283	
1. PROJECTION AND GRIDS IIS	2. TITLE IIS 4a Classification label unclassified	3. MANUSCRIPT NUMBERS IIS	4. MANUSCRIPT SIZE IIS
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY IIS	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) IIS	7. PHOTO HYDRO STATIONS XX	
8. BENCH MARKS IIS	9. PLOTTING OF SEXTANT FIXES IIS	10. PHOTOGRAMMETRIC PLOT REPORT BRIDGE W.O.	11. DETAIL POINTS
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE IIS	13. LOW-WATER LINE XX	14. ROCKS, SHOALS, ETC. IIS	15. BRIDGES IIS
16. AIDS TO NAVIGATION IIS	17. LANDMARKS IIS	18. OTHER ALONGSHORE PHYSICAL FEATURES IIS	19. OTHER ALONGSHORE CULTURAL FEATURES IIS
PHYSICAL FEATURES			
20. WATER FEATURES IIS	21. NATURAL GROUND COVER IIS	22. PLANETABLE CONTOURS XX	
23. STEREOSCOPIC INSTRUMENT CONTOURS XX	24. CONTOURS IN GENERAL XX	25. SPOT ELEVATIONS XX	26. OTHER PHYSICAL FEATURES IIS
CULTURAL FEATURES			
27. ROADS IIS	28. BUILDINGS IIS	29. RAILROADS XX	30. OTHER CULTURAL FEATURES IIS
BOUNDARIES			
31. BOUNDARY LINES XX		32. PUBLIC LAND LINES XX	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES IIS	34. JUNCTIONS IIS	35. LEGIBILITY OF THE MANUSCRIPT IIS	
36. DISCREPANCY OVERLAY XX	37. DESCRIPTIVE REPORT M.M.S.	38. FIELD INSPECTION PHOTOGRAPHS IIS	39. FORMS IIS
40. REVIEWER for I. I. Saperstein M.M.S.		SUPERVISOR, REVIEW SECTION OR UNIT M. M. Slavney 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 R. R. Wagner		SUPERVISOR M. M. Slavney	
43. REMARKS			

FIELD EDIT REPORT - T-12283

No field edit report was submitted.

Questions for the field editor on the ozalid discrepancy print were answered on the same print in October 1963.

M. M. S.

M. M. Slavney

REVIEW REPORT T-12283 & T-12284
SHORELINE
January 1966

61. GENERAL STATEMENT

See summary accompanying Descriptive Report (page 6)

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

T-12283

T-5177	1:10,000	scale,	from	Nov.	1933	Photographs
T-5180	"	"	"	"	"	"
T-5549	"	"	"	August	1934	"

An ozalid comparison print is submitted with these differences noted:

Widening of the Intracoastal Waterway.

The Sawyer Memorial Bridge across the Intracoastal Waterway is not on T-5177. The bridge on T-5177 at longitude $79^{\circ} 51.7''$ has been abandoned and partially removed.

Changes are apparent in the Atlantic Ocean shoreline.

T-12284

T-5549	1:10,000	scale,	from	August	1934	photographs
T-5394	"	"	"	"	"	"

An ozalid comparison print is submitted with the differences noted:

Widening of the Intracoastal Waterway.

Changes in the shoreline of Isle of Palms at Breach Inlet and in the Atlantic Ocean.

The bridge at Breach Inlet from Sullivans Island to Isle of Palms is apparently new, it is just north of the position shown on T-5549.

These maps supersede the listed prior surveys for nautical chart constructions.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

FORT MOULTRIE, S.C. U.S.G.S. 1:24,000, 1959

T-12283

Bulkheads have been built at the southwest end of Sullivan's Island.

T-12284

Shoreline changes near Breach Inlet on the Isle of Palms, and some changes along Hamlin Creek have been made.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

Boat Sheet HFP 10-1-63; 1:10,000, no date, for part of T-12283
 Boat Sheet PE 20-1-64A, 1:20,000, no date, for part of T-12283
 and all of T-12284.

Differences are minor, the Advance Manuscripts of these maps were used for the shoreline of the boat sheets.

Boat sheet HFP 10-1-63 shows a "pier" at Lat. 32° 46.9", Long. 79° 52.5" where T-12283 shows a "sewer line" per field inspection: see the Comparison Ozalid for T-12283.

65. COMPARISON WITH NAUTICAL CHARTS

Chart 470, 1:20,000, 17th edition of August 16, 1965

Chart 491, 1:20,000, 2nd edition of February 15, 1965 corrected
 thru Notice to Mariners No.

Chart 837 SC, 1:40,000, 2nd edition, August 1965

Chart 1239, 1:80,000, 6th edition, July 1964.

The ozalid Comparison Prints for T-12283 and T-12284 show the limits of coverage for the largest scale charts as they descend in scale.

The Comparison Print for T-12283 calls attention to Charts 470 and 491, which have Sullivan's Island North Tank (land mark) in the center of a road. The tank's position is correctly shown on the charts, but the road is far too wide on the charts, ~~and~~ the short leg past the tank could be displaced for a realistic representation.

65. COMPARISON WITH NAUTICAL CHARTS (Cont.)

Other differences are where expected, along the exposed beaches.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

These surveys comply with the instructions and meet the National Standards.

No items are noted for future surveys.

Reviewed by:

M. M. Slavney
M. M. Slavney

Approved by:

J. Bull
J. Bull
Director, Atlantic Marine Center

Approved by:

Charles L. Sherron
Chief, Cartographic Branch
Photogrammetric

L. F. Woodcock
Chief, Photogrammetry Division

Chief, Chart Division

Chief, Operations Division

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

None

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO.

INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.

1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

[illegible]