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U. S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey	Planimetric
	Office No. T-10767
	LOCALITY
State	Mississippi
General locality	Mississippi Sound
Locality	Petit Bois Island (West
	19.58 _ /962 *
	CHIEF OF PARTY
	Chief of Party Baltimore District Office
LIB	RARY & ARCHIVES
DATE	•

* REFER TO PAGE G OF THIS REPORT USCOMMINE 5087

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DESCRIPTIVE REPORT - DATA RECORD

T - 10767

1:10,000	VERTICAL DATU	anier RGE Deane TRUMENT SCALE (III): L CHART BRANCH (IV):
Baltimore, Maryland NSTRUCTIONS DATED (II) (III): II 23 June 1958 III 6 Oct. 1959 METHOD OF COMPILATION (III): Graphic MANUSCRIPT SCALE (III): 1:10,000 DATE RECEIVED IN WASHINGTON OFFICE (IV): APRIL 30,1968 APPLIED TO CHART NO. DATE GEOGRAPHIC DATUM (III):	OFFICER-IN-CHAR William F. EOSCOPIC PLOTTING INST	TRUMENT SCALE (III): L CHART BRANCH (IV): DATE REGISTERED (IV):
Baltimore, Maryland II 23 June 1958 III 6 Oct. 1959 METHOD OF COMPILATION (III): Graphic MANUSCRIPT SCALE (III): 1:10,000 DATE RECEIVED IN WASHINGTON OFFICE (IV): APRIL 30,1968 APPLIED TO CHART NO. DATE GEOGRAPHIC DATUM (III):	OFFICER-IN-CHAR William F. EOSCOPIC PLOTTING INST	TRUMENT SCALE (III): L CHART BRANCH (IV): DATE REGISTERED (IV):
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		LILIM
N. A. 1927	AMERICAN PROPERTY AND PARTY AND PROPERTY AND PERSONS ASSESSMENT AS	
N. A. 1721		as (25) refer to mean high water
	Elevations shown a	as (5) refer to sounding datum
	i.e., mean low water	er or mean lower low water
EFERENCE STATION (III):		
WET 2 (Miss.), 1935 Long.:	X ADJUSTED	
30° 12° 44.600" 88° 29° 56.821"	UNADJUSTED	
LANE COORDINATES (IV):	STATE	ZONE
= 198,610.86 ×= 605,570.21	Mississipp	i East

DESCRIPTIVE REPORT - DATA RECORD

FIELD INSPECTION BY (III):		DATE:
M. A. Stewart		
W. M. Reynolds		Nov Dec. 1958
MEAN HIGH WATER LOCATION (III) (STATE DATE AN	ND METHOD OF LOCATION):	
1958 Field Inspection on photogra	phs of November 9, 1957	
PROJECTION AND GRIDS RULED BY (IV):		DATE
P. J. Dempsey		January 5, 1959
PROJECTION AND GRIDS CHECKED BY (IV):		DATE
R. D. Shoup		March 5, 1959
CONTROL PLOTTED BY (III):		DATE
I. I. Sapperstein		
R. J. PAte		May 6, 1959
CONTROL CHECKED BY (III):		DATE
R. R. Wagner		May 7, 1959
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTEN	SION BY (III):	DATE
L. A. Senasack		October 19, 1959
STEREOSCOPIC INSTRUMENT COMPILATION (III): P	LANIMETRY	DATE
	ONTOURS	DATE
MANUSCRIPT DELINEATED BY (III): J. Honick		DATE
R. M. Whitson		October 27, 1959
SCRIBING BY (III):		DATE
PHOTOGRAMMETRIC OFFICE REVIEW BY (III):		DATE
R. Glaser		November 4, 1959
REMARKS: FIELD EDIT : APRIL 35	1962	

U.S. DÉPARTMENT OF COMMERCE ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

AMERA (KIND OR SOURCE) (III):

Nine-lens and Single lens "L" camera

	, PH	OTOGRAPHS (III)	·	
NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
56626 thru 56628	11/9/57	1211	1:10,000	0.2 ft. above MLW
56734 thru 56736	11/9/57	1402	1:10,000	0.5 ft. above MLW
				·
	<u> </u>			
			,	
		רמיינים TIDE (III)		Dinne

	TIDE (III)				<u>Diurna</u>
			RATIO OF RANGES	MEAN RANGE	RANGE
REFERENCE STATION: Pensacola, Florida					1.3
UBORDINATE STATION: Horn Island Pass					1.7
SUBORDINATE STATION:					
WASHINGTON OFFICE REVIEW BY (IV): Leo F. Beugnet,	Atlantic	Marine Center	DATE: Ja	nuary 1	1968
			l	•	<u> </u>
PROOF EDIT BY (IV):			DATE:		
PROOF EDIT BY (IV): NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):	1 _	RECOVERED:	IDENTIFIE	D:	
	1	RECOVERED: 1 RECOVERED: 1	IDENTIFIE		

None

REMARKS:

*

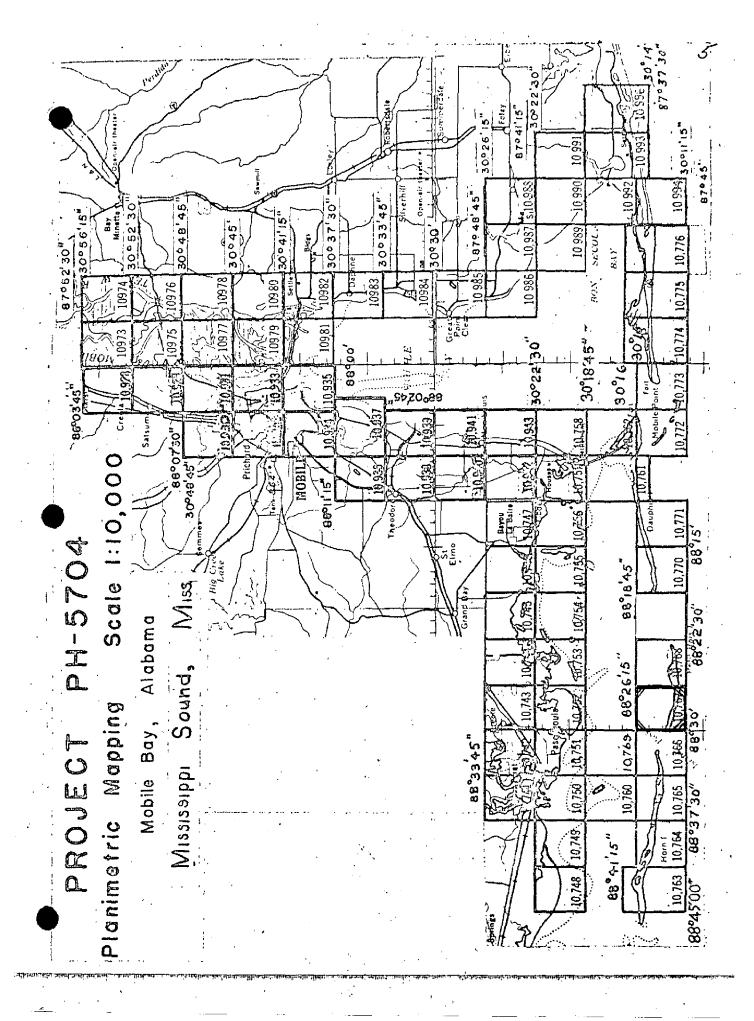
One additional station established.

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):

T-10767

COMPILATION RECORD	COMPLETION DATE	REMARKS
Compiled	October 1959	
٠.		
Field Edit	April 1962	·
Final Review	January 1968	
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SUMMARY TO ACCOMPANY DESCRIPTIVE REPORT T-10767

Planimetric Survey T-10767 is one of seventy-four similar surveys in Project PH-5704. The primary purpose of the project was to provide new shoreline for nautical charts and photo-hydro support data for hydrographic surveys to be made in the area. This sheet covers a part of the shoreline of Mississippi Sound and the Gulf of Mexico along Petit Bois Island. See page 5 of this report for the position of the survey within the project.

Field work preceding compilation included recovery and/or establishment and identification of horizontal control, shoreline and field inspection, Geographic Names Investigation and Report on Boundaries.

Compilation was at 1:10,000 scale by graphic methods using the 1:10,000 scale 9-lens photography of November 1957. Cronaflex copies of the manuscript along with specially prepared photographs and ozalid prints were furnished for preparation of the hydrographers boat sheet, location of photo-hydro signals and field edit use.

The manuscript is a vinylite sheet 3 3/4 minutes in latitude by 3 3/4 minutes in longitude, which was scribed and reproduced on cronaflex. One cronar positive and one cronar negative are provided for record and registry.

* THIS SURVEY WAS REVISED IN 1962 (REFER TO PAGES 22 AND 23
OF THIS REPORT)

FIELD INSPECTION REPORT QUADRANGLES T-10760 and T-10763 through T-10769 PROJECT Ph-5704

2. Areal Field Inspection These maps are located along the southern coast of Mississippi south of the town of Pascagoula. The land area is comprised of offshore islands in Mississippi Sound. The islands are Horn Island, Petit Bois Island and Round Island. All of the islands are un-inhabited and are narrow stretches of sand beacher and duned. Round Island is the smallest of the three and is thickly wooded except for a narrow sand spit at the north end. Horn Island is thickly wooded in spets with the remainder being sand dunes and beaches with scattered trees. Petit Bois Island is mainly sand and has a few scattered trees. There is no land area within the limits of quadrangle T-10769. The island appearing on the index layout has washed away. A folder was not submitted for this map.

Field inspection is believed complete and was performed on the following nine-lens and infra-red photographs, 56616 through 56623, 56626, 56702, 56703, 56735 through 56737, 5712279 through 5712281, 5712288 through 5712291 and 5712300. No items were deliberately left for field edit.

Photography was of good quality and no difficulty was encountered in their interpretation in the field. Attention is called to the areas of marsh where the photographic tone is inconsistent. These areas were closely inspected by walking over the ground and the limits of marsh was indicated at the same time. In some areas the limits were indefinite on the ground as well as the photographs and the limits were generalized. Local information revealed that the ground was extremely wet at the time of photography and it is believed that this is responsible for some of the indefinite limits. Also, the wind has probably deposited the looss and from surrounding areas over parts of the marsh making the ground stable by the time of field inspection.

The marsh limits along the west side of map T-10763 does not agree with the limits as shown on manuscript T-9385. These limits have been correctly indicated on photograph 56616 and revisions can be made in the compilation office.

Since the photographic tenes in marsh areas were inconsistent, the limits of marsh have been indicated in their entirety on the photographs.

3. Horizontal Control All Coast and Geodetic Survey Control was searched for but only three stations were recovered. A scheme of third-order triangulation was observed. The following stations were established, CRAB 2, SHOE 3, HORSE, ROUND 2, HORN 3, NECK, SMALL, LAKE 2

and Mississippi Sound, Intracoastal Waterway, Round Island South Spit Light 2. Standard methods were used and triangle closures were satisfactory. Unadjusted field computations were made. Traverses were run from the above stations to locate points opposite the centers of the photographs. All traverses not tied to other stations were double chained and traverses having more than one leg were tied in by azimuth st the ends.

Stations BOIS 1935 and SIP 1935 were not recovered. The islands on which the stations were located are no longer in existance.

The following stations were reported lost, ECIS 1935, LAKE 1935, SIP 1935, HORN 2 1935, SHOE 2 1935, CUT 1910, CRAB 1935, and ROUND 1921.

- 4. Vertical Control One tidal bench mark, Horn Island Pass Light-house, Mississippi Sound, Tidal Bench Mark 1 (1917), was searched for and probably recovered.
- .5. Contours and Drainage Contours are inapplicable. All drainage is run off from the islands into the sound and gulf.
- 6. Woodland Cover Adequately covered on the photographs.
- 7. Shoreline and Alongshore Features The mean high water line was indicated by walking along the beach at various places and is fast land throughout the area.

The horizontal distance between the mean high and low water lines is too short for mapping, at the project scale.

There are no bluffs or cliffs in the area.

There are no docks, wharves, piers or landings.

The cable area to Horm Island Lighthouse was investigated. There are no markings along the beach indicating the location of the cable. The Coast Guard station in Pascagoula was unable to verify the existence of the cable, however, the Horm Island Light is now operated by gas.

- 8. Offshore Features The only offshore features are the aids to navigation.
- 9. Landmarks and Aids Landmarks and fixed aids to navigation are adequately covered by form 567, which will be submitted at a later dute.

There are no Aeronautical Aids in the area.

There are no outstanding interior features.

- 10. Boundaries, Monuments and Lines See Special Report Boundaries Ph-5704, which will be submitted at a later date.
 - 11. Other Control The following recoverable topographic stations were established, STAN 1958, DAVE 1958, JOSH 1958, LUKE 1958, RUBY 1958, MIKE 1958, ROSE 1958, MARY 1958, GARY 1958, GAIL 1958 and FETE 1958,
 - 12. Other Interior Features There are no roads or buildings in the area.

There are no bridges or cables over navigable waters.

There are no sirports or landing fields.

- 13. Geographic Names See Special Report Geographic Names Project Ph-570k. This report will be submitted at a later date.
- 14. Special Reports and Supplemental Date

Special Report Boundaries, Project Ph-5704.

Special Report Geographic Names, Project Ph-5704.

Approved:

Roger F. Lanier

Submitted:

William M. Reynolds

STATION	(4-23-54)			U.S. DEPARTMENT OF COMMERCE DESCRIPTIVE REPORT	CE COAST AND GEODETIC SURVEY RT CONTROL RECORD	IRVET		0
SOURCE OF COORDINATE DISTANCE FROM ORD IN FEET. DATUM CHORACION LINE WETERS CORRECTION LINE WETERS CORRECTIO	MAP T.10767		PROJEC	T NO. 74-5704	OF MAP	00000	SCALE FACTOR	DR.
HAN. FRETA N.A. 219,798.415 OCUSIOE MY COMP. 1927 605,879.18 CIM.7 S COMP. 198,610.86 CIM.7 S COMP. 198,610.86 CIM.7 S COS, 570.21 COS, 570.21 COS, 570.21 COS, 570.21 COS, 570.21 COS, 570.20 CIS, 588.07 CIS, 580.05 CIS, 500.6 CIS, 197,310.6 CIS, 197,310.6 CIS, 195,193.15 CIS, 146.7 CIS, 146	STATION	SOURCE OF INFORMATION (INDEX)		LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM	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)
Comp. 1927 605,879.18	ASCAGOULA CHAN.	£85m	N.A.	219,798.45	ah 3			
LIGHT " " 198,510,86 605,570,21 202,398,52 202,398,52 609,599,96 194,542,40 615,588,07 615,588,07 615,788,07 615,746,7 615,746,7	ANGE BOREAR	Comp.	1927	605,879.18	S			
LIGHT " " 605,570,21 202,398,52 609,599,96 " 194,542,40 615,588,07 " 198,713,3 605,550,6 610,013,0 " 194,908,3 " 194,908,3 615,746,7	7 000			198,610,86				
LIGHT " " 202,398,52 (609,599,96 (609,599,96 (609,599,96 (609,599,96 (609,590,96 (609,590,66 (609,590,	ET 2, 1935		•	605,570.21		7		
194,542,40 194,542,40 195,588,07 198,713,3 198,713,3 197,310,6 197,310,6 195,193,15 195,193,15 195,193,15 195,193,15 195,193,15 195,193,15 195,193,15 195,193,15 195,193,15 195,193,15 195,193,15 195,193,15 195,193,15 195,193,15	ORN ISLAND LIGHT			202,398.52				
INT " 194,542,40 615,588.07 198,713.3 605,550.6 " 610,013.0 195,193.15 (224,205.09 " 194,908.3 615,746.7	OUSE, 1910	-	=	96.665,609				
INT			•	194,542,40				
MT 198,713.3 605,550.6	MAIL, 1958			615,588.07				
MT 197,510.6 197,310.6 197,310.6 195,193.15 196,908.3 194,908.3 615,746.7	UB. PT.			198,713,3				
197,310.6 610,013.0 195,193.15 (824,205.09 " 194,908.3 615,746.7	ET 2, 1935		•	605,550.6				
MT	UB. Pr.			197,310.6				
" 195,193,15 //67 // 624,205,09	RASS, 1958		-	610,013.0				
624,205,09 194,908.3 615,746.7	RAVERSE POINT			195,193,15				
m 856	0. 4, 1958		-	624,205,09				1
615,746	JUB. PT.		-	194,908.3				
	MALL, 1950			615,746.7			4	
								74 -
							97 (
								10
COMPUTED BY. R. J. Pate 5 May 1959 CHECKED BY R. Wagner DATE	COMPUTED BY. R. J.	. Pate	DA	TE 5 May 1959	R,	. Wagner	DATE 5	May 1959 comm- DC- 57843

PHOTOGRAMETRIC FLOT REPORT Project PH-5704 Survey Nos. T-10763 thru T-10768

21. AREA COVERED

This radial plot covers the area of surveys listed above. These are planimetric surveys, along Mississippi Sound and includes Petit Bois and Horn Islands.

22. METHOD - RADIAL PLOT

Map Manuscripts:

Mylar sheets with polyconic projections in black and Mississippi State Grid, East Zone, in red were furnished by the Washington Office. Survey T-10768 also had Alabama State Grid, West Zone, in greem.

All control points and substitute points were plotted in the Tampa Office prior to transmitting to this office.

A sketch showing the layout of surveys, distribution of control and photograph centers is attached to this report.

Photographs:

Eighteen (18) nine-lens photographs and seventeen (17) single lens photographs, ratioed to a scale of 1:10,000 were used in this plot and are numbered as follows:

Single-lens

Nine-lens

57-L-2276 thru 2292

56616 thru 56628 56734 thru 56738

Templets:

The radial lines on the nine-lens photographs were traced onto the vinylite templets using the fiducial marks on the master templet to correct for film, paper distortion, and chamber displacement. Vinylite templets were made for each of the single lens photographs but no adjustment was made for paper distortion.

Closure and Adjustment to Control:

The radial plot was constructed directly on the map manuscripts. The construction started with the templets of the nine-lens photographs at the east end of Petit Bois Island and extended westward to an including Horn Island. After the nine-lens plot was laid in the area of Horn Island, single lens photographs were used to supplement the original plot and to get additional pass points the compiler needed to delineate this long narrow island. In constructing a rigid plot two control stations could not be held: They are CRAB 2, 1958 and LAKE 2, 1958. (see item 23)

Transfer of Points:

The positions of all photogrammetric points and photograph centers were pricked on the top templet and drilled down through the templets and manuscripts.

23. ADEQUACY OF CONTROL

The density and distribution of control was adequate. One control station, MISSISSIPPI SOUND PASCACOULA CHANNEL DAYBEACON 11A, 1958 was office identified.

The following control could not be held in the radial plot:

LAKE 2, 1958 - The radially plotted position for the substitute
point falls 0.7 mm to the SE of the plotted position. This new position
is approximately 20 feet closer to the station and almost in azimuth. It
is believed an error was made in the measurement of the distance, also see
note on the identification card in reference to the feet and meters not
checking.

CRAB 2, 1958 - The radially plotted position for the substitute point falls 0.6 mm to SE of the plotted position. The point identified is a tip of a long narrow projection of grass. It is believed there may be a difference in grass line between the time the photographs was taken and time of field inspection.

24. SUPPLEMENTAL DATA

No graphic control surveys were used in the radial plot.

25. PHOTOGRAPHY

The nine-lens photographs were received in this office quite badly warped - giving the surface a wash-board effect. This gave some trouble in trying to adjust the master templet to the chambers.

The tone quality of the nine-lens office photographs was very poor compared to the field prints. The photographs appear to be over-exposed and under-developed. Due to this, many fiducial marks are almost lost.

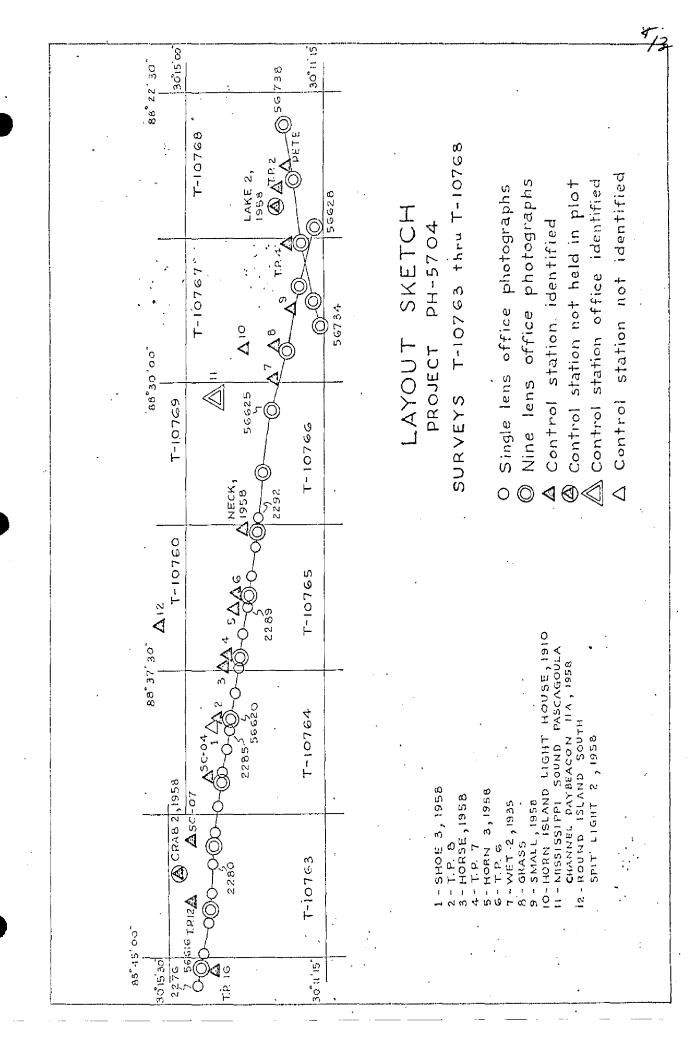
Chamber No. 2 on photograph No. 56735 has a double image and appears to have had a double exposure in the printing process.

26. HORN ISLAND WEST LIGHT

Photo point 63-01 used for the location of this light may be in error as much as one (1) millimeter. This point falls very close to the flight line and between photograph centers. The point was established by placing photograph 56616 in a vertical projector and adjusting the center chamber for scale and pricking it along the radial lines for location. It is recommended that the position of this light be verified by the hydrographer in the field.

Respectfully submitted 19 October 1959

Jeroy A. Senasack Leroy A. Senasack Carto. Photo. Aid



COMPILATION REPORT T-10763 thru T-10768

The Field Inspection Report covering the area of Surveys T-10763 thru T-10768 has been submitted with the Descriptive Report for T-10760. A COPY OF THE FIELD INSPECTION REPORT IS INCLUDED IN THIS 31. DELINEATION DESCRIPTIVE REPORT.

The Map Manuscripts was delineated by graphic methods.

32. CONTROL

Refer to the Photogrammetric Plot Report.

The horizontal control with reference to identification, density and placement was considered to be adequate.

33. SUPPLEMENTARY DATA

Special Report Boundaries PH-5704 for Mississippi-Alabama boundary. USGS Petit Bois Island Quadrangle and Nautical Charts No. 874 and No. 875 were used for Geographic Names.

34. CONTOURS AND DRAINAGE

Contours - Inapplicable. Drainage - No comment.

35. SHORELINE AND ALONGSHORE DETAILS

Shoreline inspection was adequate. Also see item 7 of field inspection report, T-10760.

36. OFFSHORE DETAILS

No comment.

37. LANDMARKS AND AIDS

Forms 567 have been submitted for three (3) Non-Floating Aids to Navigation.

There were no Aeronautical Aids or landmarks in this area.

38. CONTROL FOR FUTURE SURVEYS

Forms 524 for five (5) recoverable topographic stations were forwarded to the Washington Office on October 29, 1959.

Forms 524 for six (6) recoverable topographic stations are being submitted with this report.

A list of the eleven (11) recoverable topographic stations have been prepared and included in paragraph 49 of this report.

39. JUNCTIONS

To the west - junction was made with USC&GS Topographic Map T-9385 (1950), scale 1:20,000 - and found to be in disagreement with the south shoreline of Horn Island; due to probable change in the shoreline since 1950.

Junction has been made between surveys.

Junction to the north with Surveys T-10760 and T-10769 is in an all-water area.

To the east and to the south are all-water areas.

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41. BOUNDARIES

The Mississippi-Alabama boundary was transferred to manuscript T-10768 from the U.S.G.S. Petit Bois Island quadrangle, using a reflecting projector to adjust for scale difference.

42. thru 45. Not applicable.

L6. COMPARISON WITH EXISTING MAPS

Comparison has been made with USCS Horn Island Quadrangle, scale 1:62,500, edition of 1942; and USCS Petit Bois Island Quadrangle, scale 1:24,000, edition of 1958.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with Charts No. 874, scale 1:40,000, 2nd edition published July 1951, revised March 1959; and No. 875, scale 1:40,000, 1st combined edition, published January 1952, revised August 1959.



Items to be applied to Nautical Charts immediately:

None.

Items to be carried forward:

None.

Respectfully submitted 29 October 1959

Frank J. Tarcza

Frank J. Tarcza

Super. Carto. (Photo.)

Approved and forwarded

William J. Deane

William F. Deane

CDR, C&GS

Baltimore District Officer

48. GEOGRAPHIC NAMES LIST

Alabama

Gulf of Mexico

Horn Island Horn Island Pass

Jackson County *

Mississippi Sound *
Mobile County

Petit Bois Island *

The Horseshoe (Chart 875)

From USGS Horn Island Quadrangle; USGS Petit Bois Island Quadrangle; USG&GS Nautical Charts No. 874 and No. 875.

* Only these names apply to T-10767

*-Names approved June 25, 1968 Frank M. fickett Q. J. Wright

PHOTOGRAMMETRIC OFFICE REVIEW

T-10763 thru T-10768

1. Projection and grids
CONTROL STATIONS
5. Horizontal control stations of third-order or higher accuracy 6. Recoverable horizontal stations of less
than third-order accuracy (topographic stations)
9. Plotting of sextant fixes
ALONGSHORE AREAS
(Nautical Chart Data)
12. Shoreline13. Low-water line 14. Rocks, shoals, etc 15. Bridges 16. Alds
to navigation 17. Landmarks 18. Other alongshore physical features 19. Other along
shore cultural features
PHYSICAL FEATURES
20. Water features 21. Natural ground cover 22. Planetable contours 23. Stereoscopic
instrument contours × 24. Contours in general × 25. Spot elevations × 26. Other physical
featuresX
CULTURAL FEATURES
27. Roads 28. Buildings 29. Railroads 30. Other cultural features
BOUNDARIES
31. Boundary lines 32. Public land lines
52. Fubility lines 52. Fubility land lines
MISCELLANEOUS
33. Geographic names 34. Junctions 35. Legibility of the manuscript 36. Discrepancy
overlay 37. Descriptive Report 38. Field inspection photographs 39. Forms
40. Life Control Supervisor, Review Section or Unit
41. Remarks (see attached sheet) Field edit applied.
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.
Les & Bugantt
Compiler
43. Remarks:

U. S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY

Field Edit Report (Shoreline) Quadrangles T-19942,T-10741 thru T-10758 & T-10960 thru T-10768 \ Project PH-5704

51. <u>| Mathods</u>

The shoreline was inspected by truck, skiff and walking along the beach. The distance to the MENL from known points was checked and found to be correct and adequate, except where noted in red on ozalid copies of the manuscripts.

Field edit information has been shown on field edit sheets for T-10741, T-10742, T-10748, T-10749, 10750, T-10765, T-10766 and T-10767.

- 52. Adequacy of Compilation
 The map compilation appears to be complete and adequate.
- The shoreline is accurate, except for changes since photography, as shown on the field edit sheets. However, the Bayou Casotte-Pascagoula area is under expensive development and changes in land marks and shoreline will be many in the next few years. The Pascagoula and Bayou Casotte channels are being redredged at the present time. Since a hydrographic survey of Mississippi Sound is now in progress the hydrographic unit has said that they will delineate the new spoil banks when the dredging is completed.
- 54, Recommendations
 There are no recommendations.
- 55. Examination of Proof Copy
 No one was contacted to examine a proof copy of the map.

Submitted: 30 April, 1962

James H. Blumer Sub Unit 721

REVIEW REPORT T-10767 PLANIMETRIC January 29, 1968

61. GENERAL STATEMENT:

See Summary accompanying the Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

There was no registered topographic survey available for comparison purposes at the time of final review.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

Comparison was made with U.S.G.S. PETIT BOIS ISLAND, MISS. - ALA., 1:24,000 scale, $7\frac{1}{2}$ minute quadrangle, edition of 1958. The mean high water line of the two surveys are in good general agreement. The difference between the two is no greater than that to be expected by normal erosion.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

Comparison was made with smooth sheet H-8647, ECFP-20-1-61. The shoreline for the smooth sheet was obtained from a cronaflex copy of the advance manuscript, reduced to 1:20,000 scale, and is therefore in agreement. With the exception of HORN ISLAND LIGHTHOUSE, 1910, there are no offshore or alongshore features within this survey, and therefore no discrepancies.

65. COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with Chart 874-SC, 3rd edition, corrected thru NM 41, October 14, 1967. The mean high water line of the two surveys are in good general agreement. The shoreline of the chart is believed to have been corrected from later photography than that used for compilation of the survey.

As stated in Item 63, there are no offshore features within this survey with the exception of HORN ISLAND LIGHTHOUSE 1910, and therefore no discrepancies other than the small differences in the mean high water line. For this reason, no comparison print is enclosed with this report.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

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

The following photographs were examined during final review:

56627 and 56728 56734 thru 56736

Reviewed by:

Approved by:

Atlantic Marine Center

Approved by:

Chief, Photogrammetric Branch AND Chief, Photogrammetry Division

Chief, Nautical Chart Division Marine

PH-5704 Revision Data RS-885 (T-10767)

This map was one of 18 project maps revised in 1962 with 1962 photography. Refer to project revision diagram on the following page.

Revision Survey information was not carried forward to the original shoreline surveys. The revised details have been applied to contemporary hydrographic surveys.

Copies of the revision surveys will be filed with other project (PH-5704) data in the Federal Records Center.

Compilation reports for some revision surveys are lost. Available reports are included in the Descriptive Reports for the registered shoreline surveys.

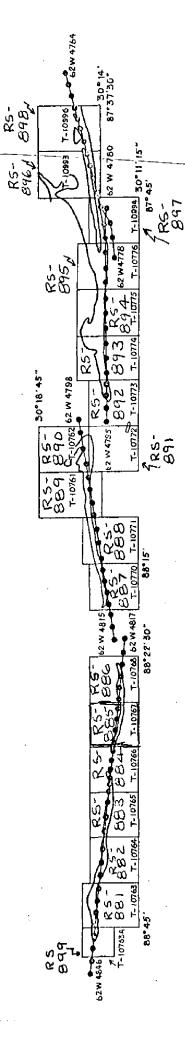
THE COMPILATION REPORT FOR THIS SURVEY (RS-885) WAS

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PROJECT PH-5704 (REVISION)

MOBILE BAY, ALABAMA - MISSISSIPPI SOUND, MISS.

SCALE - 1:10,000 SEPTEMBER, 1962



. 1:20,000 RC-8 (Pan.) Photographs. Photographs also 1:10,000 ratio prints for Hydro Support.