

10750

Original

10750

10750

Form 504 U. S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY  <b>DESCRIPTIVE REPORT</b>	
Type of Survey	Planimetric
Field No.	Office No. T-10750
<b>LOCALITY</b> State Mississippi General locality Mississippi Sound Locality Pascagoula Bay	
<del>1958</del> 1958-62	
<b>CHIEF OF PARTY</b> William M. Reynolds - Chief of Party William F. Deane - Baltimore District Office	
<b>LIBRARY &amp; ARCHIVES</b>	
DATE	

USCOMM-DC 5087

A second edition of this map (revised edition) has been registered (1973)

FORM C&GS-181a  
(3-66)U.S. DEPARTMENT OF COMMERCE  
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION  
COAST AND GEODETIC SURVEYDESCRIPTIVE REPORT - DATA RECORD  
T - 10750

PROJECT NO. (II): <b>PH-5704</b>		
FIELD OFFICE (II): <b>Pascagoula, Mississippi</b>	CHIEF OF PARTY <b>William M. Reynolds</b>	
PHOTOGRAMMETRIC OFFICE (III): <b>Baltimore, Maryland</b>	OFFICER-IN-CHARGE <b>William F. Deane</b>	
INSTRUCTIONS DATED (II) (III):  <b>II 23 June 1958</b> <b>III 7 April 1959</b> <b>III 6 October 1959</b>		
METHOD OF COMPILATION (III):  <b>Graphic</b>		
MANUSCRIPT SCALE (III):  <b>1:10,000</b>	STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):	
DATE RECEIVED IN WASHINGTON OFFICE (IV):  <b>APRIL 15, 1968</b>	DATE REPORTED TO NAUTICAL CHART BRANCH (IV):	
APPLIED TO CHART NO.	DATE:	DATE REGISTERED (IV):
GEOGRAPHIC DATUM (III):  <b>N.A. 1927</b>	VERTICAL DATUM (III): <b>MHW</b> <del>XXXXXXXXXXXXXXXXXXXX</del> 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):  <b>PASCAGOULA CHANNEL RANGE C REAR LIGHT, 1958</b>		
LAT.:	LONG.:	<input type="checkbox"/> ADJUSTED <input checked="" type="checkbox"/> UNADJUSTED <b>Field Position</b>
PLANE COORDINATES (IV):  <b>y = 251,478.28      x = 579,006.64</b>		STATE <b>MISSISSIPPI</b>
		ZONE <b>East</b>
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  
(3-66)U.S. DEPARTMENT OF COMMERCE  
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION  
COAST AND GEODETIC SURVEY

## DESCRIPTIVE REPORT - DATA RECORD

FIELD INSPECTION BY (II): <b>Howard F. Derrickson</b>		DATE: <b>Jan. 1959</b>
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): <b>1959 Field Inspection on photographs of Nov. 9, 1957.</b>		
PROJECTION AND GRIDS RULED BY (IV): <b>P. J. Dempsey</b>		DATE <b>10/25/58</b>
PROJECTION AND GRIDS CHECKED BY (IV): <b>R. D. Shoup</b>		DATE <b>3/5/59</b>
CONTROL PLOTTED BY (III): <b>R. J. Pate</b>		DATE <b>4/27/59 and 5/1/59</b>
CONTROL CHECKED BY (III): <b>R. R. Wagner I. I. Sapperstein</b>		DATE <b>5/1/59 4/27/59</b>
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): <b>L. A. Senasack</b>		DATE <b>12/15/59</b>
STEREOSCOPIC INSTRUMENT COMPILATION (III):	PLANIMETRY	DATE
	CONTOURS	DATE
MANUSCRIPT DELINEATED BY (III): <b>J. Councill</b>		DATE <b>12/24/59</b>
SCRIBING BY (III): <b>T. H. Sutera</b>		DATE <b>5/23/60</b>
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): <b>R. Glaser</b>		DATE <b>1/13/60</b>
REMARKS: <b>Field Edit - 1962</b>		

FORM C&GS-181c  
(3-66)U.S. DEPARTMENT OF COMMERCE  
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION  
COAST AND GEODETIC SURVEY

## DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

Nine-lens and "L" Camera

## PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
56691 thru 56692	11/9/57	1310	1:10,000	0.2 ft. above MLW
57L 2403 thru 2407	11/9/57	1310	1:14,000	0.2 ft. above MLW

TIDE (III)

Diurnal

		RATIO OF RANGES	MEAN RANGE	<del>SEMI</del> RANGE
REFERENCE STATION:	Pensacola, Florida			1.3
SUBORDINATE STATION:	Pascagoula River Entrance, Miss.			1.6
SUBORDINATE STATION:				
WASHINGTON OFFICE REVIEW BY (IV):	Leo. F. Beugnet, Atlantic Marine Center	DATE: Nov. 1967		
PROOF EDIT BY (IV):		DATE:		
NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):	4*	RECOVERED: 2	IDENTIFIED: 2	
NUMBER OF BM(S) SEARCHED FOR (II):	0	RECOVERED: 0	IDENTIFIED: 0	
NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):	None			
NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):	None			

REMARKS:

\* Includes 2 stations established

T-10750

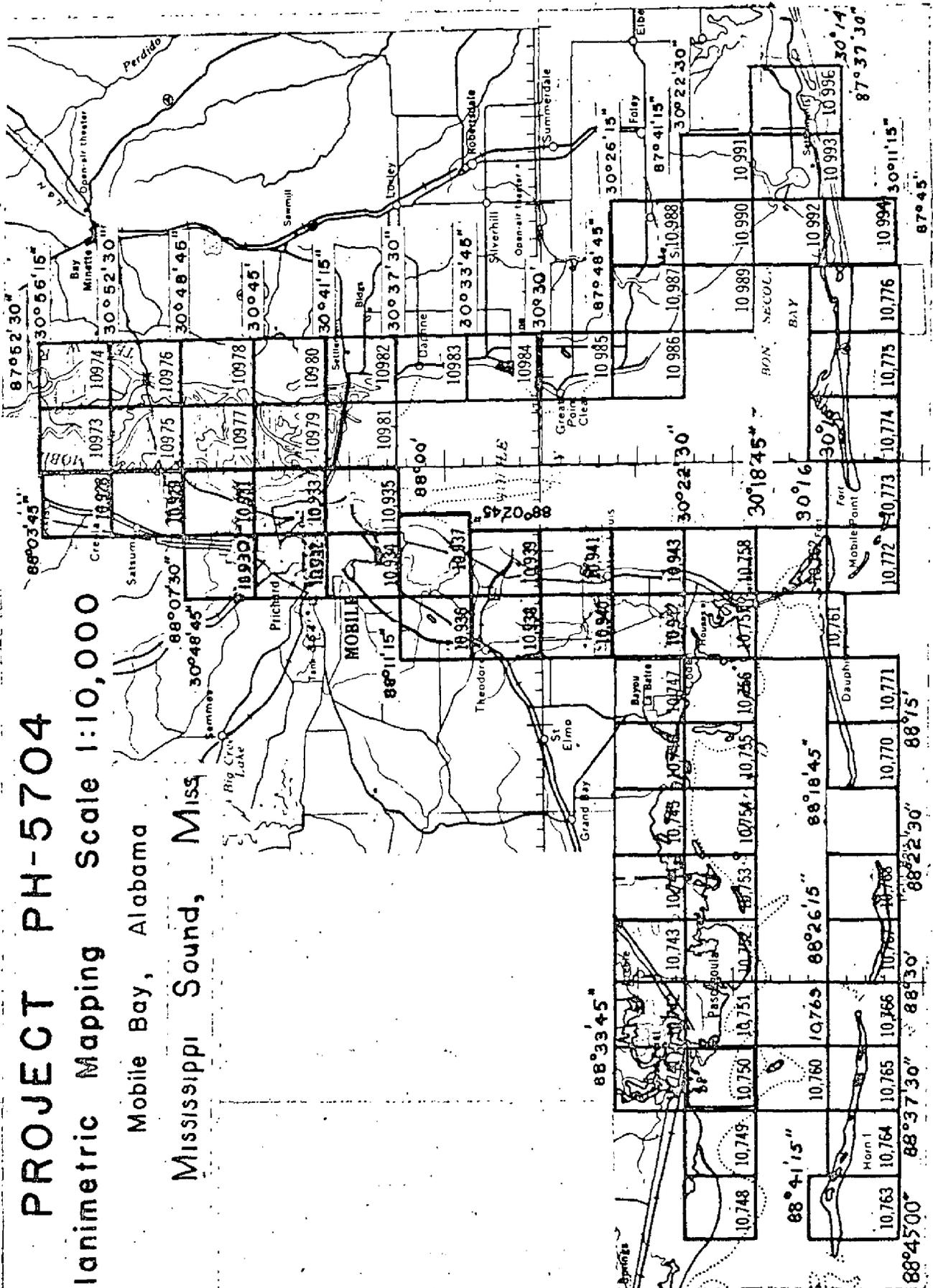
COMPILATION RECORD	COMPLETION DATE	REMARKS
Compiled	December 1959	
Field Edit	April 1962	
Field Edit applied by. Final Review	November 1967	

# PROJECT PH-5704

Planimetric Mapping Scale 1:10,000

Mobile Bay, Alabama

Mississippi Sound, Miss



SUMMARY TO ACCOMPANY  
DESCRIPTIVE REPORT T-10750

Planimetric Survey T-10750 is one of seventy-four similar surveys in Project PH-5704. It covers a part of Mississippi Sound, Pascagoula Bay, Pascagoula and West Pascagoula Rivers and part of the city of Pascagoula.

Final work preceding compilation consisted of recovery and identification of horizontal control, field and shoreline inspection and investigation of Geographic Names and Boundaries.

Compilation was at 1:10,000 scale by radical plot methods using the nine-lens photographs obtained in November 1957. Cronaflex copies of the manuscript along with a blue-line tracing, ozalids and specially prepared photographs were furnished for preparation of the hydrographers boatsheet, location of hydrographic signals and field edit purposes.

The manuscript is a vinylite sheet 3 minutes 45 seconds in latitude, by 3 minutes 45 seconds in longitude which was scribed and reproduced on cronaflex. One cronar positive and one cronar negative are provided for record and registry.

FIELD INSPECTION REPORT  
QUADRANGLES T-2643 and 1-10750  
PROJECT BR-5704

2. Aerial Field Inspection These maps are located along the southern coast of Mississippi at the mouths of Passagoula and West Passagoula Rivers. The land areas are primarily marsh. The only developed areas are the small settlement of Gautier and a narrow strip along the banks of the Passagoula River. The east bank area includes part of Ingalls Ship Yards. This is the largest shipyard along the gulf coast. The west bank area includes warehouse and wharf facilities of Passagoula Port Commission and several smaller industrial plants.

Field inspection is believed complete and was performed on the following nine-lens photographs; 56601, 56602, 56603, 56691, 56692, 56693, 56694, 56695 and 56696. No items were deliberately left for field edit.

Photography was of good quality and the only trouble encountered in photo interpretation was the areas immediately south of U.S. 90 and along the west side of the mouth of Passagoula River. The area just south of U.S. 90, Photo 56691 was indefinite for chart contact. The inshore limits of marsh around the spoil area, Photo 56692 was also indefinite. Comparison was made between the above photograph and photograph 59096. Photo 59096 was taken in October 1958 and shows the areas more clearly. However, it had quite a bit of tilt and field inspection notes were made on the older photograph using the new photograph as a guide. The entire area was walked over while the camera pictures were made.

3. Horizontal Control All Coast and Geodetic Survey Control was searched for and all stations recovered, except one, was identified. Four stations established by the Interstate Highway Survey from 1950 were recovered and three were identified. These stations are; NORTH 1958, EIGHT 1958, WEST 1958 and Passagoula Port Facilities River Tank 1958. In addition two aids to navigation were located by the field party by standard triangulation methods. These stations are; Misc. Sound, Passagoula Channel Range Front Light 1958 and Misc. Sound, Passagoula Channel Range Rear Light 1958. Unadjusted field computations were made.

Station TWIN 1935 was indicated on the project diagram to be identified. This station could not be found. A new station was not established since one of the ranges is only about 1 mile east of the last station.

The following stations were reported lost; Passagoula River West Bank Light 1935, Passagoula River East Bank Light 1935, Bayou Grande

Range Front Light 1935, Bayou Charles Range Front Light 1935, Long Island Range Front Light 1935, Long Island Range Light 1935, Keopers House, South Chimney 1910, Pascagoula River Front Range 1935, Pascagoula River Rear Range 1935, Pascagoula, East Pass 1921 and WNH 1935.

4. Vertical Control Recovery of vertical control was not required by project instructions.

5. Contours and Drainage Contours are inapplicable. Drainage is through the rivers and bayous. These are self evident from the photographs.

6. Woodland Cover Woodland cover has been classified on the photographs.

7. Shoreline and Alongshore Features Most of the shoreline is apparent. The main exception being the banks of the Pascagoula River, near the mouth. There are short stretches of fast shoreline in other places caused primarily by dumping hydraulic fill on top of the marsh. The entire area was cruised by skiff and the shoreline has been indicated by symbol on photographs, 56601, 56602, 56603, 56681, 56682, 56690 and 56691.

There are no bluffs or cliffs.

All docks, wharves, piers and landings have been indicated on the photographs.

All submarine cables have been indicated on the photographs.

8. Offshore Features The only offshore features are the aids to navigation.

9. Landmarks and Aids All the area was checked for landmarks for Nautical Charts. Form 567, to be submitted later, covers these items.

All fixed aids to navigation were located. These are adequately covered by Form 567 and the photographs.

There are no aeronautical aids to navigation.

10. Boundaries, Monuments and Lines Part of the corporate limits of Pascagoula are within these maps. See Special Report Boundaries Project Pr-9704.

11. Other Control No recoverable topographic stations were established.

12. Other Exterior Features All roads and buildings were inspected. Roads have been classified and landmark buildings listed on the photographs.

The bridge over West Pascagoula River was measured as per project instructions.

Bridge	Type	Span. Cl.	Unit. Cl.
West Pascagoula River	Fixed	92 ft	14 10 LHM

There are no airports or landing fields in the area.

13. Geographic Names See Special Report Geographic Names, Project Ph-5704, submitted to Washington 22 January 1959.

14. Special Reports and Supplemental Data

Special Report Geographic Names Project Ph-5704, submitted to Washington 22 January 1959.

Special Report Boundaries Project Ph-5704, to be submitted at a later date.

Blueprint Ingalls Shipyard, to be submitted with T-1041.

Submitted:

*William M. Reynolds*  
William M. Reynolds  
Cartographer, Acting Chief of Party



PHOTOGRAMMETRIC PLOT REPORT

Project PH-5704

Surveys Nos. T-10741 & T-10742,  
T-10743 thru T-10751.

21. AREA COVERED

This radial plot covers the area of the surveys listed above. These are planimetric surveys along the north shore of Mississippi Sound between Biloxi Bay, on the west and Point aux Chenes Bay on the east. This area also includes Pascagoula River to a point north of Moss Point.

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.

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

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

Photographs:

Forty-seven (47) nine-lens photographs, taken in 1957 and 1958, scale 1:10,000, were used in the radial plot, and numbered as follows:

56595 through 56605,  
56645 through 56659,  
56684 through 56698,  
56705 through 56707,  
59090 through 59092.

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.

Closure and Adjustment to Control:

The radial plot was constructed directly on the map manuscripts. The construction was started on the west side of survey T-10751, where there is an abundance of control, and extended westward to the project limits. A good tie was made with the position of details on survey T-9382-N, Project Ph-60. The plot was then run along the northern part of this project and extended eastward. At this point it was noted that this radial plot would not hold to the position of the pass points in the east half of survey T-10751, which were established in the radial plot run by the Tampa Office. Surveys T-10743, T-10744, T-10752 and T-10753 were then attached to the other map manuscripts. One photograph 56688, not used in the previous plot, was prepared and added to this plot. The radial plot was completed and tied into seven control stations east of survey T-10742 and T-10751. The position of the pass points on survey T-10751 are those as established by this radial plot. It should be noted that all three of the 1958 nine-lens photographs were tilted.

\* Sketch in Descriptive Report for T-10751

In constructing a rigid plot, the control stations could not be held. They are GRAVELINE R. M. 1, 1935 and CROOKED, 1935.

Transfer of Points:

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

23. ADEQUACY OF CONTROL

The density and distribution of control was adequate.

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

CROOKED, 1935 - The radially plotted position for the sub point falls approximately 0.9 mm to the SSE of the plotted position. The point identified was a tip of marsh. The field man was in question about this point and noted the accuracy of identification as "doubtful". (see Form 152 for this station)

GRAVELINE R. M. 1, 1935 - The radially plotted position of the sub point fell approximately 2.2 mm to the NW of the plotted position. When the photographs were placed under the map manuscript, it was noted that when the radially plotted position of the sub point was held, the plotted geographic position of the R. M. fell out in the water. There was a change between the 1935 description as given on page 10 of cahier No. 328 and the 1958 recovery on Form 526.

An investigation of the recovery and identification was made by the field party. (See copies of correspondence attached to this report.) The investigation verified previous field work. The position of the R.M. was then recomputed in this office and found to be different than the published position. Photostat copies of Forms 268 and 707 verified the error in the previous published position of the R.M.

The sub point was recomputed and this new position verified the radially plotted position by approximately 0.2 mm. The radial plot was not changed and the position of the original field identified sub point was considered held.

24. SUPPLEMENTAL DATA

No graphic control surveys were used in this radial plot.

25. PHOTOGRAPHY

Most of the nine-lens photographs were received in this office quite badly warped, giving the surface a "wash-board" effect. Due to this uneven surface of the photographs, some trouble was encountered in trying to adjust the master templet to the photograph chambers.

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

Fiducial marks are missing in chambers 1 and 2 on photograph No. 59092 and very nearly missing on photographs Nos. 59090 and 59091.

26. PLOTTED CONTROL

All control was plotted with the aid of the coordinatograph. (also see item 22 of this report)

All of the control on survey No. T-10743 was found to have been plotted approximately 10 feet north of their true geodetic position. The control was replotted in this office. The following control was also replotted.

DAVIS, 1935 - The original plotting fell approximately 5,30 feet or 1628 meters west of the true geodetic position.

CEVELINE R. M. 1, 1935 - The original plotting fell approximately 325 feet or 98 meters west of the true geodetic position.

27. FORM 152 & FORM 526

Neither Form 152 nor Form 526 were received in this office for the landmark and triangulation station, MOSS POINT THIONYL CHLORIDE CORP. WATER TANK, 1958 ht=130(135). It was identified on a field photograph.

Respectfully submitted  
15 December 1959



Leroy A. Semasack  
Carto. (Photo.)

COMPILATION REPORT  
T-10748 thru T-10750

~~The Field Inspection Report covering the area of Surveys T-10748 and T-10749 is part of this report. The Field Inspection Report for T-10750 is part of the Descriptive Report for T-10741.~~

~~The Photogrammetric Plot Report for these surveys is part of the Descriptive Report for T-10751.~~

31. DELINEATION

Graphic methods were used to delineate these manuscripts.

32. CONTROL

Refer to the Photogrammetric Plot Report.

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

33. SUPPLEMENTARY DATA

Special Report Geographic Names PH-5704. Final Names Sheet - U.S.G.S. Pascagoula Quadrangle was used for geographic names.

34. CONTOURS AND DRAINAGE

Contours - Inapplicable.

Drainage - All intermittent drainage shown on these manuscripts was field inspected.

35. SHORELINE AND ALONGSHORE DETAILS

Shoreline inspection was adequate. Low-water lines were based on field inspection data.

36. OFFSHORE DETAILS

No comment.

37. LANDMARKS AND AIDS

Forms 567 have been submitted for one Landmark and 5 Non-Floating Aids to Navigation.

There are no Aeronautical Aids in this area.

38. CONTROL FOR FUTURE SURVEYS

Form 524 for one recoverable topographic station, BELL, 1959; is being submitted with this report.

39. JUNCTIONS

Junctions between surveys have been made.

Junction to the north with T-10741; to the east with T-10751; to the south with T-10760, an all water area; to the west with T-8382-N (PH-60). There are no contemporary surveys to the north of T-10748 and T-10749.

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41 through 45. Not applicable.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with U.S.G.S. Pascagoula Quadrangle, scale 1:62,500, edition of 1955.

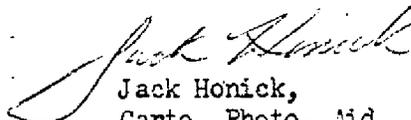
47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with Chart No. 875, scale 1:40,000, 1st combined edition, published January 1952, revised August 1959.

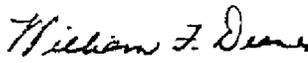
Items to be applied to Nautical Charts immediately: None.

Items to be carried forward: None.

Respectfully submitted  
24 December 1959

  
Jack Honick,  
Carto. Photo. Aid

Approved and forwarded

  
William F. Deane,  
CDR, C&GS  
Baltimore District Officer

48. GEOGRAPHIC NAMES LIST

- Delmas Bayou
- Irving Lake
- Jackson County
- Lac La Buche
- Louisville and Nashville (RR)
- Middle River
- Mississippi Sound
- Pascagoula
- Pascagoula Bay
- Pascagoula River
- Point Toussant
- Rabbit Island
- Railroad Corner
- Spanish Point
- Twin Islands
- ~~U. S. Fish and Wildlife Service~~
- U. S. 90 (Hwy)
- West Pascagoula River

Names approved  
June 19, 1968 Wraight  
D. W. Fickett

50.

### PHOTOGRAMMETRIC OFFICE REVIEW

T-10748, T-10749 & T-10750

1. Projection and grids  2. Title  3. Manuscript numbers  4. Manuscript size

4a. Classification label

#### CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy  6. Recoverable horizontal stations of less than third-order accuracy (topographic stations)  7. Photo hydro stations  8. Bench marks   
9. Plotting of sextant fixes  10. Photogrammetric plot report  11. Detail points

#### ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline  13. Low-water line  14. Rocks, shoals, etc.  15. Bridges  16. Aids 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 features

#### CULTURAL FEATURES

27. Roads  28. Buildings  29. Railroads  30. Other cultural features

#### BOUNDARIES

31. Boundary lines  32. Public 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. R. Glasen \_\_\_\_\_  
 Reviewer Supervisor, Review Section or Unit

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.

Leo F. Buegnat \* \_\_\_\_\_  
 Compiler Supervisor

43. Remarks: \* Refer item 61, page 19

U. S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY

Field Edit Report  
(Shoreline)  
Quadrangles T-10942, T-10741 thru  
T-10758 & T-10760 thru T-10768  
Project PH-5704

51. Methods

The shoreline was inspected by truck, skiff and walking along the beach. The distance to the MHWL 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.

53. Map Accuracy

The shoreline is accurate, except for changes since photography, as shown on the field edit sheets. However, the Bayou Casotte-Pascagoula area is under extensive development and changes in land marks and shoreline will be many in the next few years. The Pascagoula and Bayou Casotte channels are being dredged 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*  
James H. Blumer  
Sub Unit 721

REVIEW REPORT T-10750  
 PLANIMETRIC  
 3 November 1967

61. GENERAL STATEMENT:

See Summary accompanying the Descriptive Report.

The field photographs were not available at the time of Final Review. The only photography that was available were photographs 57L 2402 and 2403.

The field edit was applied by the Final Reviewer and reflects the changes in the area as of the time of Field Edit.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

There were no previous registered topographic surveys available for comparison purposes at the time of Final Review.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

Comparison was made with USGS PASCAGOULA, MISS., 1:62,500 scale, 15 minute quadrangle, edition of 1955. A visual comparison of the two surveys indicates that they are in good agreement. The USGS quadrangle does not show any of the offshore detail except for several fixed aids to navigation.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

Comparison was made with copies of smooth sheets H-8645, ECFP-10-14-61 and H-8649, ECFP-10-1-62. The following objects located by the hydrographer are not visible on the photographs.

<u>OBJECT</u>	<u>LATITUDE</u>	<u>LONGITUDE</u>
Pile	30° 22' 24"	88° 36' 40"
Iron pipe	30° 22' 20"	88° 36' 56"
Foul area	30° 22' 10"	88° 37' 05"
Snag	30° 21' 27"	88° 36' 59"
Stake	30° 20' 43"	88° 36' 05"
Pipe	30° 20' 20"	88° 35' 45"
Pipes	30° 20' 40"	88° 34' 38"

All of the above objects have been noted on the Comparison print in purple.

65. COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with 1:40,000 scale Chart 874-SC, 2nd edition, corrected thru NM 46-Nov. 12, 1966. The shoreline of the two surveys are not in perfect agreement particularly in the vicinity of Twin Islands and Point Toussant. The comparison is noted on the comparison print.

A snag at latitude  $30^{\circ} 22' 10''$ , longitude  $88^{\circ} 37' 02''$  and a pipe at latitude  $30^{\circ} 20' 11''$ , longitude  $88^{\circ} 35' 36''$  which appear on the chart were not located by the hydrographer. All other offshore dangers to navigation appear to have been confirmed.

The following fixed aids to navigation were established subsequent to the date of field edit of this manuscript:

PASCAGOULA CHANNEL LIGHT 43  
 YAZOO LAKE ENTRANCE CHANNEL DAYBEACON 2  
 YAZOO LAKE ENTRANCE CHANNEL DAYBEACON 4

Pascagoula Channel Lights 44 and 46 were moved or rebuilt after field edit.

A landmark, GRAIN ELEVATOR, near latitude  $30^{\circ} 21.4'$ , longitude  $88^{\circ} 34.0'$  is not shown on this survey.

Some additional spoil banks have been made along the southwesterly side of Pascagoula Channel since the time of field edit.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

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

Reviewed by:

Leo F. Beugnet  
 Leo. F. Beugnet

Approved by:

J. Bull  
 J. Bull, RADM, USESSA  
 Director, Atlantic Marine Center

Approved by:

Charles L. ...  
 Chief, Photogrammetric Branch *ALB*

R. H. ...  
 Chief, Photogrammetry Division

John D. ...  
 Chief, Nautical Chart Division  
*Marine*

**NONFLOATING AIDS OR LANDMARKS FOR CHARTS**

TO BE CHARTED  
~~TO BE REVISED~~  
~~TO BE DELETED~~

STRIKE OUT TWO

21 January 1959

Pascagoula, Mississippi

I recommend that the following objects which have ~~(444/111)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(444/111)~~ the charts indicated.

The positions given have been checked after listing by Harvey G. Lucas

/s/ Roger F. Lanier, Lt, C&CS

Chief of Party

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED				
				LATITUDE*		LONGITUDE*								DATUM			
				°	'	°	'										
MISSISSIPPI																	
		Miss. Sound, Pascagoula Channel Lt 32 (New 5735) (Pascagoula River Entrance Beacon C 1935)		30	20	740.4	88	33	51.294	N.A.	1927	F-10750	1935	X			874, 875, 1267
		Miss. Sound, Pascagoula Channel Lt 34 (New 5736) (Pascagoula River Entrance Beacon D 1935)		30	20	7128.7	88	33	58.066	"	"	"	"	X			"
		(Miss. Sound, Pascagoula Channel Range C Front Light 1958)	5732	583	245	562.35	245	587.51	y-coordinate	"	"	"	1958	X			875, 1267
		(Miss. Sound, Pascagoula Channel Range C Rear Light 1958)	5733	579	252	606.64	252	478.28	"	"	"	"	"	X			"
		(Miss. Sound, Round Island Spit Light 1958)	5744	563	239	542.67	239	921.37	"	"	"	T-10749	"	X			"

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. 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

