

10743

Original

10743

10743

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	Planimetric
Field No. PH-5704	Office No. T-10743
LOCALITY	
State	Mississippi
General locality	Pascagoula
Locality	Kreole
7 1958-1962	
CHIEF OF PARTY	
William M. Reynolds, Acting, Chief of Party	
William E. Randall, Balto. District Officer	
LIBRARY & ARCHIVES	
DATE	

## DESCRIPTIVE REPORT - DATA RECORD

T-10743

PROJECT NO. (II):

Ph-5704

FIELD OFFICE (III):

Pascagoula, Mississippi

CHIEF OF PARTY

W. M. Reynolds

PHOTOGRAMMETRIC OFFICE (III):

Baltimore, Maryland

OFFICER-IN-CHARGE

W. E. Randall

INSTRUCTIONS DATED (II) (III):

II 23 June 1958  
III 6 October 1959

METHOD OF COMPILATION (III):

Graphic

MANUSCRIPT SCALE (III):

1:10,000

STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):

DATE RECEIVED IN WASHINGTON OFFICE (IV):

APRIL 15, 1968

DATE REPORTED TO NAUTICAL CHART BRANCH (IV):

APPLIED TO CHART NO.

DATE:

DATE REGISTERED (IV):

GEOGRAPHIC DATUM (III):

N.A. 1927

VERTICAL DATUM (III):

MHW

~~MEAN LOW WATER OR MEAN LOWER LOW WATER~~

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):

Grove 2, 1958

LAT.:

30° 25' 22.706"

LONG.:

88° 27' 21.155"

☒ ADJUSTED☐ UNADJUSTED

PLANE COORDINATES (IV):

= 275,239.62

x = 618,974.17

STATE

Mississippi

ZONE

East Zone

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):		DATE:
N. A. Stewart		Feb. 1959
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION):		
February 1959 field inspection on photographs of November 1957.		
PROJECTION AND GRIDS RULED BY (IV):		DATE
P. J. Dempsey		October 1958
PROJECTION AND GRIDS CHECKED BY (IV):		DATE
R. D. Shoup		March 5, 1969 <sup>5</sup>
CONTROL PLOTTED BY (III):		DATE
R. J. Pate		April 29, 1959
CONTROL CHECKED BY (III):		DATE
R. R. Wagner		April 29, 1969 <sup>5</sup>
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III):		DATE
H. R. Rudolph		December 1959
STEREOSCOPIC INSTRUMENT COMPILATION (III):	PLANIMETRY	DATE
	CONTOURS	DATE
Inapplicable		
MANUSCRIPT DELINEATED BY (III):		DATE
J. Y. Councill		March 1960
SCRIBING BY (III):		DATE
M. S. Cunningham		April 1960
PHOTOGRAMMETRIC OFFICE REVIEW BY (III):		DATE
R. Glaser		March 18, 1960

REMARKS: Field edit - 1962 (Refer to item 67, page 20)

DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

Nine-Lens Camera

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
56597 & 56598	11-9-57	1151	1:10,000	0.0 ft. above MLW
56655 - 56657	11-9-57	1246	1:10,000	0.2 ft. above MLW
57L - 2335	11-9-57	1246	1:10,000	0.2 ft. above MLW

TIDE (III)

Diurnal

	RATIO OF RANGES	MEAN RANGE	<del>EXTREME</del> RANGE
REFERENCE STATION: Pensacola, Florida			1.3
COORDINATE STATION: Pascagoula River Entrance			1.6
SUBORDINATE STATION:			

WASHINGTON OFFICE REVIEW BY (IV): Leo F. Beugnet, Atlantic Marine Center

DATE: August 1967

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):

5

RECOVERED:

5

IDENTIFIED:

2

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

None

RECOVERED:

IDENTIFIED

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):

None

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):

None

REMARKS:



COMPILATION RECORD

COMPLETION DATE

REMARKS

Compiled	March 1960	
Final Review	August 1967	

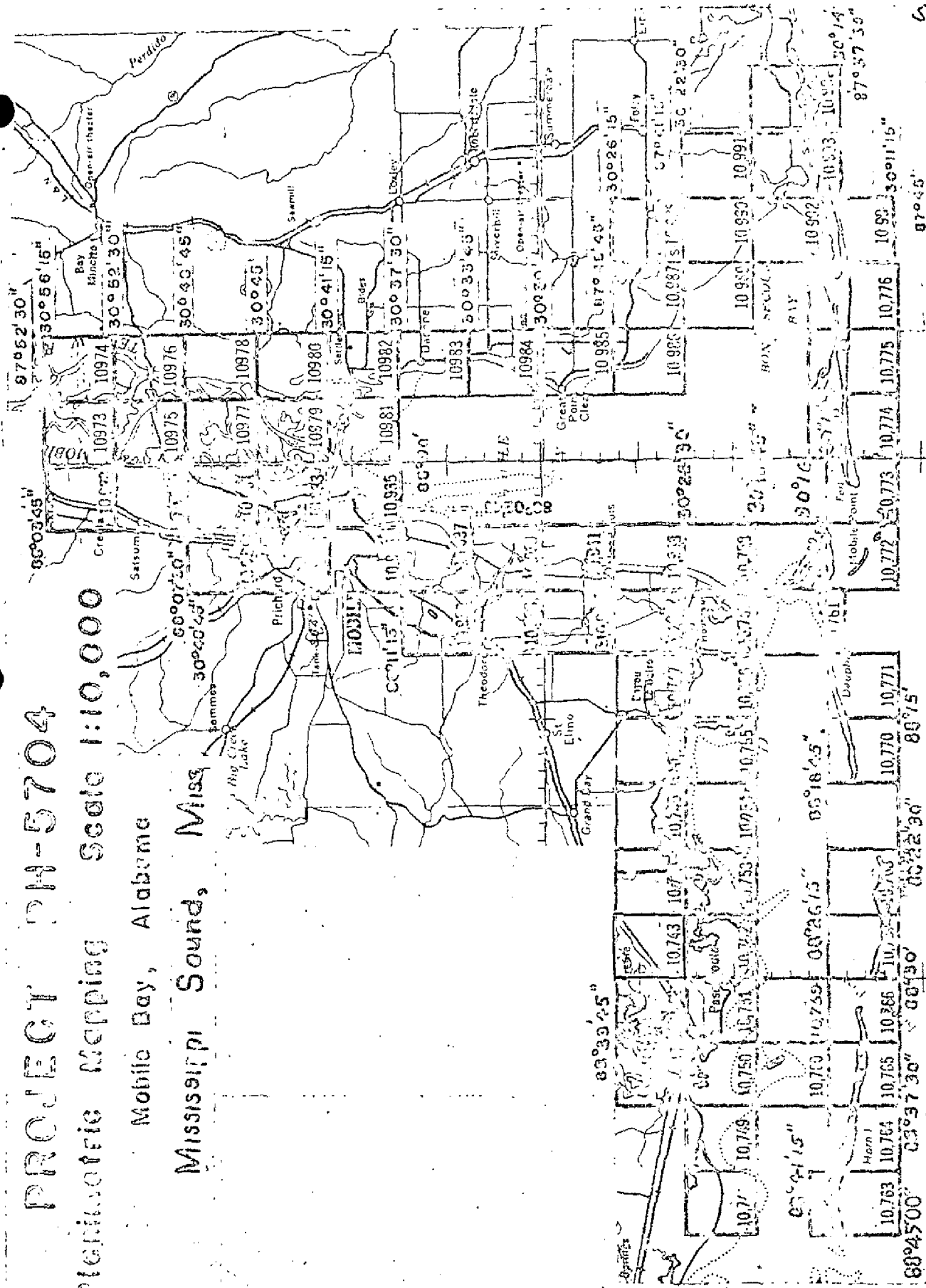
NOTE:

No compilation record was received with the Final Review data.

### Periodic Mapping

Mobile Bay, Alabama

Mississippi Sound, Miss.





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SUMMARY TO ACCOMPANY  
DESCRIPTIVE REPORT T-10743

Planimetric survey T-10743 is one of 74 similar surveys in project Ph-5704. It covers a part of the upper reaches of the Escatawpa River in the north part of the sheet and Bayou Combest in the southeasterly part.

Field work preceding compilation consisted of recovery and identification of horizontal control, shoreline and field inspection and investigation of geographic names and boundaries.

Compilation was by graphic methods using the 9 lens photography of November 1957. Cronaflex copies of the manuscript along with specially prepared photographs, blueline tracing, and ozalids were provided for preparation of the boat sheet, location of hydro 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.

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FIELD INSPECTION REPORT  
PROJECT PH-5704  
QUADRANGLES T-10742 - T-10743  
T-10751 ~~and~~ T-10752 and  
T-10769

2. Areal Field Inspection These maps are located along the Mississippi Coast East and North of the mouth of Pascagoula River. The land area includes the towns of Pascagoula, Moss Point and Kreole. Pascagoula is the home of Ingalls Shipbuilding Corp., which is the largest shipyard on the gulf coast. The yard has ten ways and builds ships with a capacity of 35,000 tons. Two tankers were launched during work on the project with the above capacity. The yard is also constructing two nuclear powered submarines for the U. S. Navy. The above shipyard furnishes employment for the majority of the population. The International Paper Co. also has a major plant located in map T-10742. This also furnishes employment for a goodly number of the people. An industrial area is being developed along Bayou Casotte. At present two chemical plants are in operation and Continental Can Co. has started construction on a plant. Sizable commercial fishing fleets also operate from Pascagoula. A small amount of farming is carried on in the rural areas.

The area is served by the Louisville and Nashville Railroad and a network of good highways.

Field Inspection has been indicated on the following 9 lens photographs, 56565, 56597 through 56601, 56652 through 56657, 56689, 56690, 56706, 56707 and 59089 through 59092.

Photography was of good quality and no difficulty was encountered in their interpretation in the field. New photographs were furnished the field party for the area around Bayou Casotte. The photographs were flown in October 1958 and all development to this date is shown on these photographs. These photographs show several spoil areas south of the present project limits. The mean high water line was indicated around these areas although they are outside the present limits.

Field inspection is believed complete except for the shoreline in the southwest corner of map T-10742. At the time of field inspection, a dredge was pumping fill in this area. This shoreline will undoubtedly be changed when the dredging is completed. This area has been indicated on photograph 56652.

3. Horizontal Control All Coast and Geodetic Survey Control was searched for. The requirements for the plot, as indicated on the



project index were not completely met. In the group of stations FORD, BRIDGE, JONES, ELDER and CRANE, two stations were indicated to be identified. None of the stations were recovered. The same is true for the stations Pascagoula, Municipal Pier Flagpole and GREENE. It is believed that the stations established by this party and the Interstate Highways Survey Party will compensate for the areas where the control was not recovered.

A scheme of third-order triangulation was observed by the field party. Two stations were located within the project and four south of the project. These stations are; Pascagoula, South Municipal Tank, Bayou Casotte, H. K. Porter Co. Tank, Miss. Sound, Pascagoula Channel Range A Front and Rear Lights, Miss. Sound, Pascagoula Channel Range B Front and Rear Lights. Seven stations were located by the Interstate Highways Survey Party. All of these stations are within the area of these maps.

The following stations were reported lost, DUFFEY 1921, JONES 1921, BRIDGE 1921, FORD 1921, ELDER 1921, FLECHAR 1921, CRANE 1921, BIYOU 1921, GREENE 1921, CONVICT 1921, CROKER 1921, CRICKETT 1921, Pascagoula, Municipal Pier Flagpole 1935, CHURCH 1921, ROURE 1921, WATTS 1921, Pascagoula Municipal Standpipe 1930, Scranton Powerhouse Stack 1910, GREEN 1910, Pascagoula 1910, Pascagoula River, Entrance Beacon A 1935, LOST 1910 and Browns Shack West Gable 1910.

Station DUFFEY 1921 was reported lost but was identified. The reference measurements check a broken monument found in the described area. This monument was identified as the station.

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

5. Contours and Drainage Contours are inapplicable.

Drainage not self-evident from the photographs has been indicated.

6. Woodland Cover Woodland cover was inspected and has been labeled on the photographs.

7. Shoreline and Alongshore Features The mean high water line is both apparent and fast. The entire shoreline was inspected by skiff or walking and has been indicated by symbol on the photographs.

The low water line was not inspected or determined.

There is little or no foreshore in the area.

There are no bluffs or cliffs.

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

Shore ends of submarine cables have been indicated on the photographs.

Shoreline inspection notes have been indicated on the following 9 lens photographs, 56652, 56653, 56598 through 56601, 56689, 56690, 56706, 56707, 59089 through 59092.

8. Offshore Features Several sunken barges, in the Escatawpa River, and one sunken boat, in the Pascagoula River, were visited. Their elevation above MHW was determined and their location indicated on the photographs.

9. Landmarks and Aids All landmarks and fixed aids to navigation are adequately covered by Form 57.

One aeronautical aid, Jackson County Airport Beacon, located in map T-10743 was identified for location by the plot.

10. Boundaries, Monuments and Lines See Special Report, Boundaries, Project Ph-5704, Alabama - Mississippi. The above report is submitted with this data.

11. Other Control Two Recoverable Topographic Stations were established in map T-10752. These stations are MUCK 1958 and RUTH 1958.

12. Other Interior Features All roads, except those within city limits have been classified on the photographs.

All buildings were field inspected and landmark buildings have been indicated on the photographs.

Vertical and horizontal clearances were determined for five bridges and one cable crossing as per project instructions. Three of the bridges and the cable crossing are within this area. Two of the bridges are several miles west of the project.

<u>Bridge Location</u>	<u>Type</u>	<u>Horizontal</u>	<u>Vertical</u>	<u>Map</u>
Biloxi Bay, R.R.	S	88 ft	4 ft	West of project
Biloxi Bay, Hwy.	S	119 ft	14 ft	West of project
West Pascagoula River, Hwy.	F	92 ft	14 ft	T-10741
Escatawpa River, Hwy.	S	84 ft	9 ft	T-10742
Escatawpa River, R.R.	S	76 ft	7 ft	T-10742
Overhead Cable Escatawpa River			92 ft	T-10742
Overhead Cable Escatawpa River			97 ft	T-10742
Pascagoula River	B	140 ft	30 ft	T-10751

The shore ends of the cables have been indicated on photo 56599.



The overhead cable just west of the highway bridge, Escatawpa River, has been changed to a submarine cable.

Jackson County Airport is located in map T-19743 and T-10752. There are no commercial flights from the airport.

13. Geographic Names See Special Report, Geographic Names, Project PH-5704, Alabama - Mississippi. This report was submitted to Washington Office 1-22-59.

14. Special Reports and Supplemental Data

Special Report Geographic Names, Project PH-5704, Alabama - Mississippi. Submitted to Washington 1-22-59.

Special Report Boundaries, Project PH-5704, Alabama - Mississippi. Submitted with this data.

Special Report Coast Pilot, Project PH-5704, Alabama - Mississippi. Submitted with this data.

Two sheets (blueprints) Bayou Casotte Industrial Area.

One sheet (blueprint) The Ingalls Shipbuilding Corp.

Submitted:

*William M. Reynolds*  
William M. Reynolds

SCALE FACTOR

COMPUTED BY: <b>R. R. Wagner</b>	CHECKED BY: <b>R. J. Pate</b>
DATE: <b>4/13/59</b>	DATE: <b>4/13/59</b>
1 FT. = 3048006 METER	
COMM-DC-57042	



PHOTOGRAMMETRIC PLOT REPORT  
 Project Ph-5704  
 Surveys Nos. T-10743 thru T-10745  
 T-10752 thru T-10755 and  
 the western portion of T-10746.

21. AREA COVERED

This radial plot covers the area of the surveys listed above. They are planimetric surveys along the north shore of Mississippi Sound between Bayou Casotte on the west and Bayou LaBatre on the east. The area also includes Pt. Aux Chenes Bay, Grand Bay, the entrance to Bayou LaBatre, and all of Isle Aux Herbes.

22. METHOD - RADIAL PLOT

Map Manuscripts:

Mylar sheets with polyconic projections in black, Mississippi State Grid, East Zone, in red; Alabama State Grid, West Zone, in red or green were furnished by the Washington Office.

All triangulation and substitute points were plotted in the Tampa Office prior to transmitting the manuscripts to this office. Some pass points and photo centers were established by a previous plot on surveys T-10743 and T-10752.

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

Photographs:

Thirty-five (35) nine-lens photographs, taken in 1957 at a scale of 1:10,000 were used in the radial plot, numbered as follows:

56590	through	56599,
56655	"	56664,
56679	"	56688,
56705	"	56707,
56754	and	56755.

Templets:

Vinylite templets were made using the master templet to correct for film and paper distortion, and chamber displacement.

Closure and Adjustment to Control:

The radial plot was constructed directly on the map manuscripts. The construction was started at the west end of the area by relaying the templets in the areas of Surveys Nos. T-10743 and T-10752, using the photograph centers and pass points established by the previous plot. The plot was extended eastward to the control just west of the eastern limits of Surveys Nos. T-10746 and T-10755. No information had been received relative to the control beyond the limits of those surveys.

Sketch - with T-10744

The templets for the middle flight were laid first followed by the northern flight. After adjusting the templets and by-passing one Control Station, namely 318 (AGS) 1940, a rigid plot was made. The southern flight and the two diagonal flights were then added without further difficulty.

#### Transfer of Points

The position of all photograph centers and pass points were pricked on the top templets and then drilled through the templets and map manuscripts.

#### 23. ADEQUACY OF CONTROL

The density and distribution of control was adequate for all surveys, except the northeast portion of Survey T-10746, which was not completed in this radial plot.

The following control station could not be held in the plot:  
318 (AGS) 1940 - The radially plotted position of the substitute station falls approximately 0.5 mm. WSW of the plotted position. The point identified was a small bush. There is another small bush approximately 0.5 mm. ENE of the one identified. Since there is another control station nearby which was held in the plot, it is possible that the wrong bush was identified.

#### 24. SUPPLEMENTAL DATA

None.

#### 25. PHOTOGRAPHY

Some of the photographs in this plot were warped creating an uneven surface. This made it difficult to adjust the templets to the photographs.

Respectfully submitted  
22 December 1959

*Harry R. Rudolph*  
Harry R. Rudolph  
Carto. (Photo.)

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COMPILATION REPORT  
T-10741, T-10742 and T-10743

The photogrammetric plot report for T-10741 and T-10742 is part of Descriptive Report T-10751.

For the photogrammetric plot report for T-10743, refer to Descriptive Report T-10744-45.

The field inspection report for T-10741 is included with this Descriptive Report while the field inspection report for T-10742 and T-10743 is a part of Descriptive Report T-10751.

31. DELINEATION

Graphic methods were used to delineate these manuscripts.

32. CONTROL

The identification, density and placement of horizontal control was satisfactory.

33. SUPPLEMENTAL DATA

1. U.S.G.S. Pascagoula, Miss. quadrangle - final names for T-10741 and T-10742.

2. A.H.S. Grand Bay quadrangle - final names for T-10743.

3. <sup>Moss Point</sup> Engineering Company blueprint map of Moss Point - city boundary data and additional street names.

4. Blueprint map of Pascagoula - boundary of city and additional names.

5. Special Report on Boundaries, Ph-5704.

6. Special Report on Geographic Names, Ph-5704.

34. CONTOURS AND DRAINAGE

Contours: Not applicable.

Drainage: No comment.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline inspection was adequate.

Low-water and foul lines were based on data furnished by the field party.

36. OFFSHORE DETAILS

No comment.

- 15 - 15

37. LAND MARKS AND AIDS

Forms 507, submitted by the field party for the project, have been arranged by surveys and include scaled positions of radially plotted aids.

One aid, MISS. SOUND, BAYOU CHARLIER, DAYBROOK 2 (T-10741) not reported on the original Form 507 was added by the compilation office. Its position was determined by intersection of theodolite directions from photo points furnished by the field party.

38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

Junctions between the three subject surveys have been made and are in agreement.

Junctions have also been made and are in agreement with the following adjoining manuscripts:

T-10744 to the east.

T-10750, T-10751 and T-10752 to the south.

There are no contemporary surveys to the north or west.

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41. BOUNDARIES

That portion of the Moss Point corporate boundary which falls on T-10741 was plotted from the legal description dated 1958 and includes the land to the east and north of the meanderings of McInnis Bayou. The Moss Point Engineering Company map dated 1953, does not show this addition to the Moss Point area.

The dimension in the description from the south margin of Pascagoula River northward to the north boundary line is given as 3,105 feet. On the manuscript, this line measures approximately 3,501 feet which may indicate a typographical error in the description.



A portion of the Pascagoula City boundary falls in the southwest corner of T-10742.

The legal description of this boundary was furnished in the Special Report on Boundaries and was used by the compiler to plot this portion of the boundary on the manuscript.

The plotting was predicated upon the location of (1) a county road which forms the western limit of Mississippi Cemetery and is shown on the U.S.G.S. Pascagoula quadrangle as being coincident with the line between R 5 W and R 6 W and (2) the fence line at the southern limit of the above cemetery which the quadrangle shows as falling on the line between T 7 S and T 8 S.

However, a comparison of the boundary as plotted on T-10742 with that portion as shown on the Pascagoula quadrangle does not agree in relation to other map detail.

\*Spelled "McPelah" on Pascagoula, Miss. Map of City Streets.

42. through 45.

Not needed.

46. COMPARISON WITH EXISTING MAPS

U.S.G.S. Pascagoula, Miss. quadrangle, scale 1:62,500, dated 1955.

A.M.S. Grand Bay, Ala., Miss. quadrangle, scale 1:50,000, first printing April 1955.

47. COMPARISON WITH NAUTICAL CHARTS

Chart 1267, scale 1:80,000, published 3/10/47 and revised 11/17/58.

Chart 875, scale 1:40,000, published 1/7/52 and revised 8/3/59.

Items to be applied to nautical charts immediately: None.

Items to be carried forward: None.

Respectfully submitted  
6 April 1960

*R. Glaser*

R. Glaser  
Carto. (Photo.)

Approved and forwarded

*William E. Randall*

William E. Randall

CDR, USGS

More District Officer

48. GEOGRAPHIC NAME LIST

- Bayou Cumbest
- Escatawpa River
- Jackson County
- Jackson County Airport
- Kreole
- Louisville and Nashville (R.R.)
- Mississippi
- Moss Point
- North Bayou
- Orange Grove
- Orange Grove Cemetery
- \* - Orange Grove Elementary School
- Orange Lake
- Orange Grove Road
- U. S. 90 (Hwy)

\* Name from field inspection - Orange Lake Sch on Final Name Sheet.

Names Approved  
June 18, 1968  
A. J. Wraight  
Frank W. Fickett



PHOTOGRAMMETRIC OFFICE REVIEW

T-10741  
T-10742  
T-10743

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

5a. 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. E. Glaser Joseph Steinberg  
Reviewer Supervisor, Review Section of 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.

\*

Compiler

Supervisor

43. Remarks: \* Refer to item 67, page 20

U. S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY

Field Edit Report  
(Shoreline)  
Quadrangles T-1094,2,T-1074,1 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 MHL 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-10766and 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 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*  
James H. Blumer  
Sub Unit 721



REVIEW REPORT T-10743  
PLANIMETRIC  
August 28, 1967

61. GENERAL STATEMENT

See Summary accompanying the Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

No previous registered topographic surveys were available for comparison purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

Comparison was made with a copy of USGS KREOLE, Miss. - Ala.  $7\frac{1}{2}$  minute quadrangle, 1:24,000 scale, edition of 1958. The two surveys are in good agreement.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

Comparison was made with a copy of smooth sheet H-8648, 20-2-61. Hydrography within the limits of this manuscript was limited to Bayou Cumbeest. The shoreline of the manuscript and smooth sheet are in good agreement except in two places along the east side of the bayou at approximate latitude  $30^{\circ} 23' 30''$  longitude  $88^{\circ} 26' 30''$ . These have been noted on the comparison print in green.

65. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with Chart 874-SC, 2nd edition, corrected thru NM 46-Nov. 12, 1966. Five small boat slips that appear on the chart but not on the manuscript have been indicated on the comparison print.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

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

67. The field and office photographs, which cover this manuscript, had been misplaced prior to Final Review. As the manuscript, USGS quadrangle, boat sheet and chart are all in good agreement, it was deemed unnecessary to order reprints of the photographs.

No field edit sheet for this manuscript was received by the review section. This sheet is included in the Field Edit Report submitted April 30, 1962 by James H. Blumer and it is assumed that there were no field edit corrections.

Reviewed by:

Leo F. Beugnet  
Leo F. Beugnet

Approved by:

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

Approved by:

Charles L. Henson  
Chief, Photogrammetric Branch *12/83*

R. H. H. H. H.  
Chief, Photogrammetry Division

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

## NON-LOADING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED  
~~TO BE REVERSED~~  
~~TO BE DELETED~~

Pascagoula, Mississippi.

17 February, 1959

I recommend that the following objects which have ~~(4444/444)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(444444/44444)~~ the charts indicated.

The positions given have been checked after listing by

William M. Reynolds, Act'g Chief of Party.

[illegible]

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

rrted on (*deleted from*) the charts indicated.

William C. Randall

Chief of Party.

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