

10741

Original

10741

10741

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey <u>Planimetric</u>	
Field No. <u>PH-570h</u>	Office No. <u>T-107h1</u>
LOCALITY	
State <u>Mississippi</u>	
General locality <u>Pascagoula</u>	
Locality <u>Gautier</u>	
<u>7</u> 195 <u>7</u> -1962	
CHIEF OF PARTY	
William M. Reynolds, Acting Chief of Party	
William E. Randall, Balto. District Officer	
LIBRARY & ARCHIVES	
DATE _____	

USCOMM-DC 5087

DESCRIPTIVE REPORT - DATA RECORD
T-10741

PROJECT NO. (II): Ph-5704		
FIELD OFFICE (II): Pascagoula, Mississippi		CHIEF OF PARTY W. M. Reynolds
PHOTOGRAMMETRIC OFFICE (III): Baltimore, Maryland		OFFICER-IN-CHARGE
INSTRUCTIONS DATED (II) (III): II 23 June 1968 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 30, 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 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): Lowry, 1935		
LAT.: 30° 25' 02.388"	LONG.: 88° 34' 57.529"	<input checked="" type="checkbox"/> ADJUSTED <input type="checkbox"/> UNADJUSTED
PLANE COORDINATES (IV): = 273,076.10 x = 579,020.57		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.		

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): H. F. Derrickson W. M. Reynolds		DATE: Jan. - 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): P. J. Dempsey		DATE October 1958
PROJECTION AND GRIDS CHECKED BY (IV): R. D. Shoup		DATE March 5, 1959
CONTROL PLOTTED BY (III): R. J. Pate		DATE April 28, 1959
CONTROL CHECKED BY (III): I. I. Sapperstein		DATE April 28, 1959
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): L. A. Senasack		DATE December 1959
STEREOSCOPIC INSTRUMENT COMPILATION (III): Inapplicable	PLANIMETRY	DATE
	CONTOURS	DATE
MANUSCRIPT DELINEATED BY (III): J. Honick		DATE March 1960
SCRIBING BY (III): M. S. Cunningham		DATE May 1960
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): R. Glaser		DATE April 1960
REMARKS: Field Edit - 1962 (Refer to pages 4 and 20)		

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 Camera

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
56601 - 56603	11-9-57	1151	1:10,000	0.0 above MLW
56650 - 56653	11-9-57	1246	1:10,000	0.2 above MLW

TIDE (III)

Diurnal

	RATIO OF RANGES	MEAN RANGE	SEMI 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 (III):

14

RECOVERED:

8

IDENTIFIED:

6

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

None

RECOVERED:

IDENTIFIED

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):

None

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):

None

REMARKS:

T-10741

COMPILATION RECORD

COMPLETION DATE

REMARKS

Compiled	March - May 1960	
Final Review	August 1967	

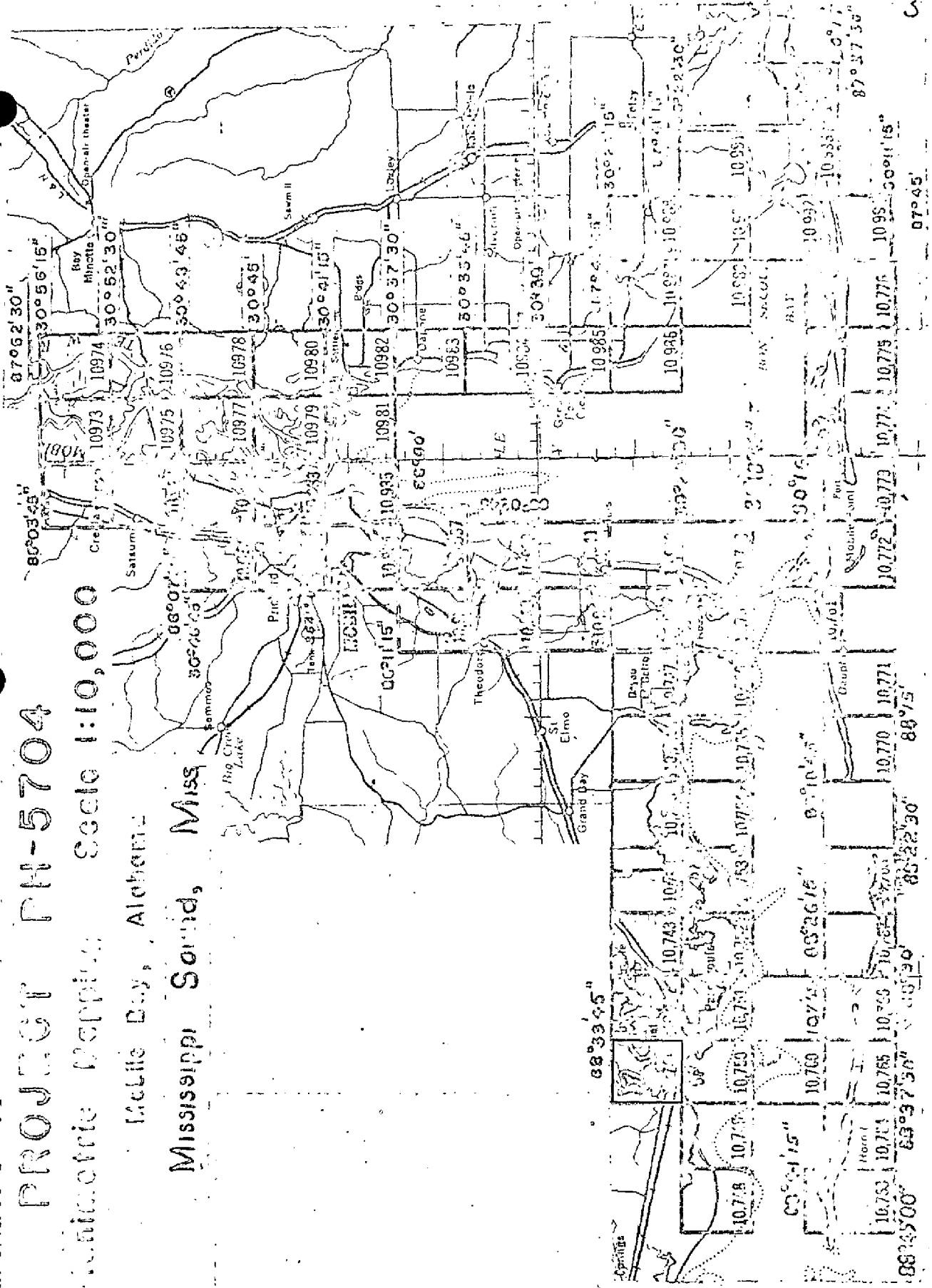
NOTE: No compilation record was available at the time of final review. One field edit correction appeared on the discrepancy print and this was applied by the final reviewer.

PROJECT PH-5704

Photometric Mapping Scale 1:10,000

Mobile Bay, Alabama

Mississippi Sound, Miss



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-10741

Planimetric survey T-10741 is one of 47 similar surveys in Project Ph-5704. It covers part of the lower reaches of Pascagoula and West Pascagoula Rivers and the town of Gautier.

Field 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 radial plot methods using the 1:10,000 scale 9-lens photography obtained in November 1957. A blue-line tracing of the manuscript along with specially prepared photographs were furnished for preparation of the boat sheet and location of photo-hydro signals.

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-10741 and T-10750
PROJECT PH-5704

2. Areal Field Inspection These maps are located along the southern coast of Mississippi at the mouths of Pascagoula and West Pascagoula 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 Pascagoula 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 Pascagoula Port Commission and several smaller industrial plants.

Field inspection is believed complete and was performed on the following nine-lens photographs; 56601, 56602, 56603, 56651, 56652, 56690, 56691 and 56692. No items were deliberately left for field edit.

Photography was of good quality and the only trouble encountered in their interpretation was the areas immediately south of U.S. 90 and along the west side of the mouth of Pascagoula River. The apparent shoreline just south of U.S. 90, Photo 56691 was indefinite for a short stretch. The inshore limits of marsh around the spoil area, Photo 56691 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 comparisons 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 Surveys Party in 1958 were recovered and three were identified. These stations are; MARTIN 1958, EIGHT 1958, WEST 1958 and Pascagoula Port Facilities Water Tank 1958. In addition two aids to navigation were located by the field party by standard triangulation methods. These stations are; Miss. Sound, Pascagoula Channel Range Front Light 1958 and Miss. Sound, Pascagoula 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 lost station.

The following stations were reported lost; Pascagoula River West Bank Light 1935, Pascagoula River East Bank Light 1935, Bayou Chamier

Range Front Light 1935, Bayou Chamier Range Rear Light 1935, Lowry Island Range Front Light 1935, Lowry Island Range Rear Light 1935, Keepers House, South Chimney 1910, Pascagoula River Front Range 1935, Pascagoula River Rear Range 1935, Pascagoula, East Base 1921 and TWIN 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, 56651, 56652, 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 Ph-5704.

11. Other Control No recoverable topographic stations were established.

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

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

Bridge	Type	Hor. Cl.	Vert. Cl.
West Pascagoula River	Fixed	92 ft	14 ft MHW

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-10751.

Submitted:

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

MAP T-10741

PROJECT NO. Ph-5704

SCALE OF MAP 1:10,000

SCALE FACTOR

[illegible]

1 FT. = .3048006 METER
COMPUTED BY: R.

R. R. Wagner

DATE: _____

65/72/74

CHECKED BY:

R. J. Pate

DATE: _____

4/24/59

COMM-DC-57843

SCALE FACTOR

1 FT. = .3048006 METER
COMPUTED BY **R. J. Pate** DATE **4/24/59**
CHECKED BY **R. R. Wagner** DATE **4/24/59**
COMM-DC-57843

PHOTOGRAMMETRIC PLOT REPORT

Project FH-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, two control stations could not be held. They are GRAVELINE R. M. 1, 1935 and CROOKED, 1935.

Transfer of Points:

The positions of all photogrammetric points and photograph centers were pricked on the top templet and drilled down through the templates 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 Station 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 28B and 709 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 ^{was} poor compared to the field prints. The office photographs appear to be overexposed and under-developed. Due to this, many fiducial marks are almost lost.

- 14 -

Miducial marks are missing in chapters 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, 1925 - The original plotting fell approximately 5,340 feet or 1628 meters west of the true geodetic position.

GRAVELINE 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, MOSES POINT TANK, CHEMICAL CORP. WATER TANK, 1958 ht=130(135). It was identified on a field photograph.

Respectfully submitted
15 December 1959

Leroy A. Serasack

Leroy A. Serasack
Carto. (Photo.)

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.

*Bound with this
Report by Final Review*

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.M.S. Grand Bay quadrangle - final names for T-10743.
3. ^{MOSS POINT} 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.

37. LANDMARKS AND AIDS

Forms 567, 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 CHARMIER, DAYBEACON 2 (T-10741) not reported on the original Form 567 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 *Machpelah 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
LCDR, C&GS
Baltimore District Officer

48. GEOGRAPHIC NAME LIST

- Bayou Chemise
- Bayou Creole
- Big Lake
- Coleson Bayou
- Crooked Bayou
- Dead River
- Gautier
- Gautier School
- Griffin Cemetery
- Griffin Point
- Jackson County
- Lake Catchemall
- Lake Lowery
- Lang Bayou
- Longview Bayou
- Louisville and Nashville (RR)
- Mary Walker Bayou
- McInnis Bayou
- Mississippi
- Moss Point
- Pascagoula
- Pascagoula River
- Sioux Bayou
- Snake Bayou
- SS Bayou
- St. Pierre Church
- St. Stephen Church
- U. S. 90 (Hwy)
- West Pacagoula River

Names approved
June 17, 1968

Frank W. Fickett
A. J. Wraight

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 ^{Theod.} ~~sexant~~ 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 Joseph Steinberg 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.

REFER TO "NOTE" PAGE 4 and item 67 page 22

Compiler

Supervisor

43. Remarks:

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

Field Edit Report
(Shoreline)
Quadrangles T-10742, T-10741 thru
T-10758 & T-10759 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 original 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. Accuracy 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-10741
PLANIMETRIC
16, August 1967

61. GENERAL STATEMENT

See Summary accompanying the Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

There are no previous Registered Topographic surveys of the area.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

Comparison was made with a copy of USGS PASCAGOULA, Mississippi, quadrangle, 1:62,500 scale edition of 1955. The two surveys are in good general agreement. The only changes of significance is a new canal at latitude $30^{\circ} 24.5'$ longitude $88^{\circ} 37.2'$; a new small boat harbor at $30^{\circ} 23.1' - 88^{\circ} 36.6'$ and a new canal 1500 feet north of Highway 90 across the marsh between the Pascagoula and West Pascagoula Rivers.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

Comparison was made with a copy of smooth boat sheet H-8649, ECFP-10-1-62. The shoreline of the boat sheet and the manuscript are in agreement except at latitude $30^{\circ} 24'$ longitude $88^{\circ} 45'$ where a marsh island, or peninsula, is not shown on the boat sheet. Existence of the feature was verified by 1:20,000 scale photograph 62W-4862.

The following items appearing on the boat sheet but not on the manuscript could not be verified by the final reviewer because of the lack of photography.

Item	Latitude	Longitude
Snag	$30^{\circ} 22' 48''$	$88^{\circ} 34' 46''$
Wreck	$30^{\circ} 23' 00''$	$88^{\circ} 33' 48''$
Pile	$30^{\circ} 23' 51''$	$88^{\circ} 36' 18''$
Pile	$30^{\circ} 23' 54''$	$88^{\circ} 34' 15''$
Wreck	$30^{\circ} 23' 44''$	$88^{\circ} 34' 08''$
Wreck (at sta. FAR)	$30^{\circ} 23' 40''$	$88^{\circ} 34' 27''$

65. COMPARISON WITH NAUTICAL CHARTS

To the south of latitude $30^{\circ} 24'$ comparison was made with chart 874-SC, 1:40,000 scale, 2nd Edition, November 12, 1966 corrected thru NM 46. Items which appear on the chart but not on the manuscript have been so noted on the comparison print.

To the north of latitude $30^{\circ} 24'$ comparison was made with chart 1267, 1:80,000 scale, 12th Edition, May 1, 1967. A submerged wreck at latitude $30^{\circ} 25.2'$ longitude $88^{\circ} 34'$ does not appear on either the boat sheet nor the manuscript.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

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

67. The field and office photographs which cover this manuscript had been misplaced prior to final review. As the manuscript, boat sheet, USGS quadrangle and the charts are all in good agreement it was deemed unnecessary to request reprints of the 9-lens photography.

Reviewed by:

Leo F. Beugnet
Leo F. Beugnet

Approved by:

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

Approved by:

Charles L. Lamm
Chief, Photogrammetric Branch *ASB*

R. H. Haulstrop
Chief, Photogrammetry Division

John P. Bower
Chief, Nautical Chart Division
Marine

T-10741

NOTES TO REVIEWER

Geographic names investigation recommends the name LAKE LOWERY;
in the same area the light list shows LOWRY ISLAND RANGE and the G.P.
pad shows triangulation station LOWRY 1935.

Lowry is the correct name for the Δ sta.
sub

~~TO BE CHARTED~~

STRIKE OUT TWO

NON-ELIGATING/AMH/04 LANDMARKS FOR CHARTS

Pascagoula, Mississippi. 17 Feb. 1959

I recommend that the following objects which have ~~not been~~ been inspected from seaward to determine their value as landmarks be charted on ~~the~~ the charts indicated.

The positions given have been checked after listing by

/s/ William M. Reynolds
Acting

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

STRIKE OUT TWO

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

7 March 1960

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

The positions given have been checked after listing by R. Glaser

William E. Randall *Chief of Party.*

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