Form 504
U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey  PLANIMETRIC

Field No.  Office No.  T-10933

LOCALITY

State  ALABAMA
General locality  MOBILE BAY
Locality  MOBILE - POLECAT BAY

1957-1961

CHIEF OF PARTY
Joseph K. Wilson, Chief of Field Party
V. R. Sobieralski, Tampa District Office

LIBRARY & ARCHIVES

DATE
DESCRIPTIVE REPORT - DATA RECORD

T - 10933

Project No. (II): PH-57Ch

Field Office (II): Passaic, Mississippi

Photogrammetric Office (III): Tampa, Florida

Instructions dated (II) (III):

II 23 June 1958 (Field)
10 Feb. 1959 (Field Suppl.1)

III 7 Apr. 1959 (Office)
17 Aug. 1959 (Office Suppl.1)
17 Aug. 1959 (Field Suppl.2)

Copy filed in Division of
Photogrammetry (IV)

Location of Aids to Navigation dated 7 Oct. 1959

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:10,000

Scale Factor (III): None

Date received in Washington Office (IV):

Date reported to Nautical Chart Branch (IV):

Applied to Chart No. Date:

Date registered (IV):

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): M.A. 1927

Vertical Datum (III): NAVD 1927 except as follows:
Elevations shown as (B) refer to mean high water
Elevations shown as (G) refer to sounding datum
I.e., mean low water or mean lower low water

Reference Station (III): Mobile State Docks South Tank, 1935

Lat.: 30°42'23.900" (736.0 m)

Long.: 88°02'38.582" (1026.7 m)

Plane Coordinates (IV):

State: Zone:

Y = X =

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.
Areas contoured by various personnel
(Show name within area)

Inapplicable
DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): W. M. Reynolds
M. A. Stewart

Date: May-June 1959

Planetary contouring by (II): Inapplicable

Date:

Completion Surveys by (II): W. V. Hull

Date: June 1961

Mean High Water Location (III) (State date and method of location): Air Photo Compilation
Date of Photographs: 20 Nov. 1957

Projection and Grids ruled by (IV): P. J. Dempsey (W.O.)

Date: Aug. 1959

Projection and Grids checked by (IV): R. D. Sheup (W.O.)

Date: Aug. 1959

Control plotted by (III): R. J. Pate

Date: Oct. 1959

Control checked by (III): R. E. Smith

Date: Oct. 1959

Radial Plot corrected by (III): R. R. Wagner

Date:

Stereoscopic Instrument compilation (III):

- Planimetry: Inapplicable
- Contours

Date:

Manuscript delineated by (III): R. Dessott

Date: Aug. 1960

- of compilation
Photogrammetric Office Review by (III): I. I. Saperstein

Date: Oct. 1960

Elevations on Manuscript
checked by (II) (III): Inapplicable

Date:
DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): Nine-lens

<table>
<thead>
<tr>
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<th>Time</th>
<th>Scale</th>
<th>Stage of Tide</th>
</tr>
</thead>
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<td>10:46</td>
<td>1:10,000</td>
<td>- 0.4</td>
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<tr>
<td>56963</td>
<td></td>
<td></td>
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<tr>
<td>56941</td>
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<td></td>
</tr>
</tbody>
</table>

**Predicted Tide (III)**

Reference Station: Mobile
Subordinate Station: Mobile, Mobile River

Washington Office Review by (IV): Date: August 1961
Final Drafting by (IV): P. W. Leitham (Tampa District Office)
Final Drafting Rev’d by: W.H. Shearouse (TDO)
Drafting verified for reproduction by (IV):

Proof Edit by (IV):

Land Area (Sq. Statute Miles) (III): **10**
Shoreline (More than 200 meters to opposite shore) (III): **36 Linear miles**
Control Leveling - Miles: **Inapplicable**
Number of Triangulation Stations searched for (II): **30** Recovered: **13** Identified: **7**
Number of BMS searched for (II): **3** Recovered: **2** Identified: **1**
Number of Recoverable Photo Stations established (III): **None**
Number of Temporary Photo Hydro Stations established (III): **None**

Remarks:
Project PH-5706

Planimetric Mapping
Scale 1:12,000

Mobile Bay, Alabama

Mississippi Sound, Miss.
FIELD INSPECTION REPORT
Map T-10933
Project Ph-5704

Please refer to Field Inspection Report submitted with map T-10932 for all information pertaining to this map.

William K. Reynolds
Acting Chief of Party
<table>
<thead>
<tr>
<th>STATION</th>
<th>Source of Imposition (Index)</th>
<th>Datum</th>
<th>Latitude or $\phi$ Coordinate</th>
<th>Longitude or $\lambda$ Coordinate</th>
<th>Distance from Grid in Feet, or Projection Line in Meters (Forward)</th>
<th>Datum Correction</th>
<th>N.A. 1927-Datum Distance from Grid or Projection Line in Meters (Forward)</th>
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<tbody>
<tr>
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<td>AGS</td>
<td>1939</td>
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<td>X: 332,344.12</td>
<td>717.40</td>
<td></td>
<td>1037.1</td>
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<td>211 (AGS) 25</td>
<td>AGS</td>
<td>25</td>
<td>Y: 330,672.47</td>
<td>X: 332,344.12</td>
<td>717.40</td>
<td></td>
<td>1037.1</td>
</tr>
<tr>
<td>212 (AGS) 1939</td>
<td>AGS</td>
<td>1939</td>
<td>Y: 330,672.47</td>
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<td>AGS</td>
<td>1939</td>
<td>Y: 332,454.77</td>
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<td></td>
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<td>GP</td>
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</table>

COMPUTED BY: [Signature]  DATE: [Date]  CHECKED BY: [Signature]  DATE: [Date]
PHOTOGRAVMETRIC PLOT REPORT

Submitted with T-10928

31. DELINEATION

The graphic method was used. The photographs were clear and of reasonably good scale. Slight tilt was present in all photographs. Field inspection was adequate.

32. CONTROL

See Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

Map of city of Mobile, 1956.

34. CONTOURS AND DRAINAGE

Contours are inapplicable. Drainage that was not self-evident on the photographs had adequate field inspection.

35. SHORELINE AND ALONGSHORE DETAILS

The mean high-water line and the approximate low-water line were delineated according to the field inspector's notes. All alongshore details noted by the field inspector have been shown. The shoreline inspection is adequate.

36. OFFSHORE DETAILS

All offshore details noted by the field inspector have been shown.

37. LANDMARKS AND AIDS

Eight (8) landmarks for charts, one (1) landmark for aeronautical charts and four (4) aids to navigation were submitted on Form 567, 15 July 1960. Revised positions for two (2) of the aids were submitted 4 October 1960. They are: CHICKASAW CHANNEL RANGE A FRONT LIGHT

CHICKASAW CHANNEL RANGE A REAR LIGHT
<table>
<thead>
<tr>
<th>COMPILED RECORD</th>
<th>COMPLETION DATE</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>All planimetry compiled</td>
<td>October 1960</td>
<td>Superseded</td>
</tr>
<tr>
<td>Revised from alongshore field edit</td>
<td>June 1961</td>
<td></td>
</tr>
</tbody>
</table>


38. CONTROL FOR FUTURE SURVEYS
None.

39. JUNCTIONS
Satisfactory junctions have been obtained with: T-10931 to the north; T-10932 to the west; T-10979 to the east; T-10935 to the south.

40. HORIZONTAL AND VERTICAL ACCURACY
No statement.

41. BOUNDARIES
The city limits of Mobile and Prichard have been delineated according to the legal descriptions and verified by the field editor.

46. COMPARISON WITH EXISTING MAPS
Comparison has been made with USGS MOBILE Quadrangle 1:24,000 edition of 1953 and they are in agreement.

Comparison has also been made with air photo compilations T-5530, 1:20,000 and T-5531, 1:10,000 editions of 1934. Many man made shoreline changes have occurred since the earlier survey which make the 1934 survey obsolete.

47. COMPARISON WITH NAUTICAL CHARTS
Comparison has been made with CGGS Chart 1266, 1:80,000 revised to 18 April 1966 and the comparison is favorable.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY
None.

ITEMS TO BE CARRIED FORWARD
None.

Rudolph Dessett
Carte Survey Aid

APPROVED AND forwarded:
V. Ralp Sebitalski
Chief of Party.
GEOGRAPHIC NAME LIST

Names were taken from USGS MOBILE Quadrangle and C&GS Chart 1266.

ALABAMA

Baldwin County
Bankhead Tunnel
Bay Bridge Road
Bay Grass
Bay Grass Creek
Bayview Square
Blankley Island
Blankley Island Reach

Chickasaw Creek
City Wharf
Cochran Bridge
County Training School

Government Street
Grand Bay
Gulf Mobile and Ohio RR

Hog Bayou

Industrial Canal

Louisville and Nashville RR
Lower Crab Creek

Magazine
Mobile
Mobile Bay
Mobile Channel
Mobile County
Mobile River
Mobile Turning Basin

Old Spanish Trail

Piers A, B, C, D
Pinto Pass
Plateau
Pollock Bay
Prichard

Raft River

SHELL BAYOU
SIBERT
SOUTHERN RR
SPANISH RIVER
SPRING HILL AVE
STATE DOCKS
ST LOUIS POINT
ST LOUIS POINT REACH

TENSAW RIVER
TERMINAL RR

TERMINAL CREEK

U S NAVAL RESERVE TRAINING CENTER
U S 31
U S 43
U S 45
U S 90
U S 98

NOTE: See letters which follow regarding discrepancy in placement of names. St. Louis Point-Magazine Point.

Tampa

Through investigation was made into this controversy, and on the basis of abundant evidence, the name St. Louis Point was retained.

A. J. W.

The names checked are OK. See sheet.

A. J. W.

All names checked and approved.

A. J. W. Wright

12-10-65
19. NOTES FOR THE HYDROGRAPHER

None.
LTJG Wesley V. Hull

27 December 1961

Tampa District Office

Geographic Name discrepancy PH-570L
Mobile Bay

In the final review of T-10933 we have discovered a name discrepancy where U.S. 90 crosses Mobile River.

Nautical chart 1266 shows St. Louis Pt. at bridge on west bank of River and the point of land at mouth of Threemile Creek as Magazine Pt. U.S.G.S. quadrangle MOBILE does not use the name Magazine Pt. and shows St. Louis Pt. at the mouth of the river.

The quadrangle map and nautical chart are enclosed. Please clarify and return all data to this office.

William A. Rasure
Administrative Assistant
Tampa District Office

Encls.
WAR/v
Memorandum

TO: Tampa District Office

FROM: Lt. Wesley V. Hull

DATE: 3 January 62

SUBJECT: Geographic Names

Mr. Arras, county engineers office Mobile, resident Mobile, Ala. 62 years, stated the area at the bridge on the west side of the River is Magazine Point. It derived its name from an old magazine site that was in the area. He didn't know about the point of land at mouth of Three Mile Creek, but referred to the general area north of Three Mile Creek as St. Louis Tract.

A State Docks Plan dated 16 April 1927 indicated the area at the bridge as Magazine Pt. and indicated no name at the mouth of the Three Mile Creek.

State Docks Land Map No. 1, dated 6 June 1946, blackline positive of original map of 1924 indicated the area at the bridge as Magazine point or St. Louis Point with the general area north of Three Mile Creek as St. Louis Tract. The point of land at the mouth of Three Mile Creek not named.

Nautical chart 1266 shows the stream of water just north of where U.S. 90 crosses Mobile River as Chickasaw Creek and the maps referred to above indicate the stream as Chickasawbogue. Bogue being the French-Indian name for creek.

Wesley V. Hull
Chief, Sub Unit 721
### PHOTOGRAMMETRIC OFFICE REVIEW

**T-10933**

#### PROJECTION AND GRIDS

5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY
   - **IIS**

6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (TOPOGRAPHIC STATIONS)
   - **IIS**

7. PHOTO HYDRO STATIONS
   - **XX**

8. BENCH MARKS
   - **WHS**

9. PLOTTING OF SEXTANT FIXES
   - **IIS**

10. PHOTOGRAMMETRIC PLOT REPORT
    - **WHS**

11. DETAIL POINTS
    - **IIS**

#### ALONGSHORE AREAS (Nautical Chart Data)

12. SHORELINE
    - **WHS**

13. LOW-WATER LINE
    - **WHS**

14. ROCKS, SHOALS, ETC.
    - **WHS**

15. BRIDGES
    - **WHS**

16. AIDS TO NAVIGATION
    - **WHS**

17. LANDMARKS
    - **WHS**

18. OTHER ALONGSHORE PHYSICAL FEATURES
    - **WHS**

19. OTHER ALONGSHORE CULTURAL FEATURES
    - **WHS**

#### PHYSICAL FEATURES

20. WATER FEATURES
    - **WHS**

21. NATURAL GROUND COVER
    - **WHS**

22. PLANETARY CONTOURS
    - **XX**

23. STEREOSCOPIC INSTRUMENT CONTOURS
    - **XX**

24. CONTOURS IN GENERAL
    - **XX**

25. SPOT ELEVATIONS
    - **XX**

26. OTHER PHYSICAL FEATURES
    - **WHS**

#### CULTURAL FEATURES

27. ROADS
    - **WHS**

28. BUILDINGS
    - **WHS**

29. RAILROADS
    - **WHS**

30. OTHER CULTURAL FEATURES
    - **WHS**

#### BOUNDARIES

31. BOUNDARY LINES
    - **XX**

32. PUBLIC LAND LINES
    - **WHS**

#### MISCELLANEOUS

33. GEOGRAPHIC NAMES
    - **WHS**

34. JUNCTIONS
    - **WHS**

35. LEGIBILITY OF THE MANUSCRIPT
    - **WHS**

36. DISCREPANCY OVERLAY
    - **XX**

37. DESCRIPTIVE REPORT
    - **WHS**

38. FIELD INSPECTION PHOTOGRAPHS
    - **WHS**

39. FORMS
    - **WHS**

**SIGNATURE OF REVIEWER**

William H. Shearouse

**SIGNATURE OF COMPILER**

Robert R. Wagner

**SIGNATURE OF SUPERVISOR**

Milton M. Slavney

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**FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT**

Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted in remarks on reverse side.

**USE REVERSE SIDE FOR REMARKS**
51. Methods.

The distance to the MMIL was spot checked along the shoreline. Additions and corrections to the manuscript have been noted on the field-edit sheets in red and on the photographs in purple.

Field edit information has been shown on field edit sheets for T-10929, T-10931, T-10932, T-10933, T-10979, and T-10982. Additional information is shown on the photographs.

52. Adequacy of Compilation.

The map compilation appears complete and adequate.

53. Map Accuracy.

The shoreline of the maps appears to be accurate.

54. Recommendations.

There are no recommendations.

55. Examination of a proof copy.

No one able to read a map with assurance was contacted to examine a proof copy.

Geographic Names.

SPANISH FORT:

Mr. George Six, service station attendant, resident of Spanish Fort 9 years. Stated Spanish Fort is in local usage. Only time he had heard of Bridgehead was on bus company tickets.

Mr. Charles Cewell, timberland owner, resident in vicinity for 46 years. Stated Bridgehead was an old name and it referred to the area where the Cochrane Bridge joined the land on the east side of Mobile Bay. Also stated that Spanish Fort is in local usage and that Fort McDermott is part of Spanish Fort.

Mr. George Fuller Jr., real estate agent, resident 10 years. Stated that Bridgehead was an old name but, was no longer used. Also stated...
that all local residents refer to the area as Spanish Fort. Mr. Fuller also stated that Fort McDermott is part of Spanish Fort but preferred the Fort McDermott area to be called Spanish Fort Estates and be noted as a historical site.

Historical markers refer to the area as an old Spanish Fort.

I recommend that this area be charted as Spanish Fort.

Submitted, 2 June 1961

Wesley V. Hull
Chief, Photo Hydro Support Unit 721
61. General Statement

Area - The project encompasses Mobile Bay and its approaches.

Purpose - The object of this project is to provide base maps for nautical charting and shoreline and horizontal control data for hydrographic surveys.

62. Comparison with Registered Topographic Surveys

<table>
<thead>
<tr>
<th>Survey</th>
<th>Scale</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>T-5530</td>
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<td>1934</td>
</tr>
<tr>
<td>T-5531</td>
<td>1:20,000</td>
<td>1934</td>
</tr>
<tr>
<td>T-3716</td>
<td>1:10,000</td>
<td>1919</td>
</tr>
<tr>
<td>T-3713</td>
<td>1:40,000</td>
<td>1918</td>
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Cultural and shoreline changes have been continuous. These maps are to supersede the above surveys of common areas for nautical charting. Also see Item 46.

63. Comparison with Maps of Other Agencies

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<tr>
<th>Agency</th>
<th>Scale</th>
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<tbody>
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<td>Creola</td>
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</tr>
<tr>
<td>Chickasaw</td>
<td>1:24,000</td>
<td>1953</td>
</tr>
<tr>
<td>Mobile</td>
<td>1:24,000</td>
<td>1953</td>
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</table>

See Item 46.

64. Comparison with Contemporary Hydrographic Surveys

<table>
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<th>Survey</th>
<th>Scale</th>
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<td>H-8591</td>
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</tbody>
</table>

Shoreline and control of subject surveys were furnished prior to the hydrographic surveys and apparently no differences of importance exist.
65. **Comparison with Nautical Charts**

1266  
1:80,000  
1965

Because of the scale difference, only a visual comparison was made. No notable differences exist.

66. **Adequacy of Results and Future Surveys**

These maps comply with the National Map Accuracy Standards and meet Bureau requirements.

Reviewed by:

[Signature]

L. C. Lunde

Approved by:

[Signature]

Chief, Photogrammetric Branch  
Chief, Nautical Chart Division

[Signature]

Chief, Photogrammetry Division