
U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey  Topographic
Field No.  Ph-68  Office No.  T-9786

LOCALITY
State  Mississippi
General locality  Mississippi Sound
Locality  Vidalia - Turkey Creek

1965 52-56

CHIEF OF PARTY
P.L. Brenstein, Chief of Field Party
L.J. Reed, Div. Of Photo., Wash., D.C.
E.L. Lande

LIBRARY & ARCHIVES

DATE  July 9, 1959
DATA RECORD

T-9786 & T-9787

Project No. (II): Ph-68(50) Quadrangle Name (IV): De Soto
Field Office (II): Gulfport, Mississippi Chief of Party: P. L. Bernstein
Officer in Charge:

Method of Compilation (III): 9-lens Plotter
Manuscript Scale (III): 1:15,000 Stereoscopic Plotting Instrument Scale (III): 1:15,000
Scale Factor (III):
Date received in Washington Office (IV): OCT 15 1953
Date reported to Nautical Chart Branch (IV): 12-7-53
Applied to Chart No. Date:
Publication Scale (IV):
Geographic Datum (III): NA 1927 Publication date (IV):

Vertical Datum (III):
Mean sea level except as follows:
Elevations shown as (26) refer to mean high water
Elevations shown as (2) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): Vidalia, LA 1931
Lat.: 30° 27' 14.971" Long.: 89° 17' 15.169
Plane Coordinates (IV):

Y= X=
GRID = Transverse Mercator, Mississippi East, 10,000Ft Int.

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)

100% completed on the Reading Plotter,
model "A" by Clarence E. Misfeldt
DATA RECORD

Field inspection by (II): See Review Report  C.H. Baldwin*  Date: Nov-Dec 1951

Planetable contouring by (II): INAPPLICABLE  Date:

Completion Surveys by (II): William M. Reynolds  Date: 20 Oct 1956

Mean High Water Location (III) (State date and method of location):

No field inspection of the shoreline was available and therefore it was delineated on the plotting instrument guided by the knowledge of the tide stage at the time of photography. The shoreline is dated February 1952, the date the photographs were taken.  

Projection and Grids ruled by (IV):

Jack Allen on the Reading Ruling Machine  10 Apr 52

Projection and Grids checked by (III):

Howard D. Wolfe  11 Apr 52

Control plotted by (III):

Jeter P. Battley and Charles E. Cook  29 Nov 52

Control checked by (III):

Roscoe J. French  30 Nov 52

Radial Plot:

Control extension by (III):

Samuel G. Blankenbaker  16 Apr 53

Stereoscopic Instrumentation (III):

Planimetry and Contours  14 Aug 53

Manuscript delineated by (III):

Robert L. Sugden and John B. McDonald  25 Sep 53

*SCRIBED COPY BY TAMPA OFFICE

Photogrammetric Office Review by (III):

Louis J. Reed and Roscoe J. French  9 Oct 53

(Section Lines only. See page 26)

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

Louis J. Reed  9 Oct 53

*Horizontal and vertical control recovery and identification, and supplemental levels.
Camera (kind or source) (III): 9-lens camera, model "B", f = 8.25 inches

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<thead>
<tr>
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<th>Scale</th>
<th>Stage of Tide</th>
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<tr>
<td>thru</td>
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<tr>
<td>35164</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>35168</td>
<td>21 Feb 52</td>
<td>9:17</td>
<td>1:15,000</td>
<td>1 ft below MHW</td>
</tr>
<tr>
<td>thru</td>
<td></td>
<td>10:01</td>
<td></td>
<td></td>
</tr>
<tr>
<td>35179</td>
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<tr>
<td>thru</td>
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</tr>
<tr>
<td>35185</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3000 series used for field inspection

Reference Station: Pensacola, Fla

Washington Office Review by (IV): A. K. Henderson

Final Drafting by (IV):

Drafting verified for reproduction by (IV):

Proof Edit by (IV):

Land Area (Sq. Statute Miles) (III): 125 sq mi
Shoreline (More than 200 meters to opposite shore) (III): 1
Shoreline (Less than 200 meters to opposite shore) (III): None
Control Leveling - Miles (II): 153

Number of Triangulation Stations searched for (II): 3
Number of BMs searched for (II): 259

*Number of Recoverable Photo Stations established (III): None
Number of Temporary Photo Hydro Stations established (III): None

Remarks:

* = Outside of quads:

<table>
<thead>
<tr>
<th>Stations</th>
<th>Searched for</th>
<th>Recovered</th>
<th>Identified</th>
</tr>
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<tr>
<td>A</td>
<td>12</td>
<td>11</td>
<td>11</td>
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<tr>
<td>Bench Marks</td>
<td>9.29</td>
<td>6</td>
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</table>

Ratio of Ranges

Mean Range

Spring Range

Date: March 1959
Compiled at scale 1:20,000, from aerial photographs of April, 1951.

OFFICIAL MILEAGE FOR COST ACCOUNTS

<table>
<thead>
<tr>
<th>Sheet No.</th>
<th>Sq. St. Miles</th>
<th>Lin. Miles Shoreline</th>
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<td>64</td>
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<tr>
<td>T-9787</td>
<td>64</td>
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<tr>
<td>T-9788</td>
<td>61.5</td>
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<tr>
<td>T-9789</td>
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<td>T-9790</td>
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<td>T-9791</td>
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<td>T-9792</td>
<td>22.5</td>
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<tr>
<td>TOTALS</td>
<td>328.5</td>
<td>92.8</td>
</tr>
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</table>
Summary to Accompany Topographic Maps

T-9786 - T-9787

These topographic maps are two of seven maps of Project PH-68. The project covers the north shore of Lake Borgne and continues into Mississippi Sound. Project PH-89 joins the four most southern sheets and PH-60 joins the other three.

Field work in advance of compilation for sheets T-9786, T-9787 included the recovery of control and the establishment of sufficient vertical control to satisfy the needs of the nine-lens plotter. No field inspection was made on these two sheets. The recovery of section corners was made concurrently with the compilation by the Washington Office. The mean high water line exists on only a very small portion of T-9786 and was compiled from photographs subject to field edit.

Boundaries and geographic names were submitted in separate reports.

A separate nine-lens plot was laid by the Washington Office for these two manuscripts. A satisfactory junction was effected with the plot laid by the Tampa Office for the remainder of the project.

The compilation was completed by the Reading plotter with a contour interval of ten feet at a scale of 1:15,000.

The sheets were scribed by the Tampa Office.

Copies were then forwarded for field edit which was more extensive than usual since a field inspection was not made.

After completion of field edit the data was incorporated in the manuscript by the Tampa Office.

These maps were forwarded to the Geological Survey for publication.

Items registered under each map number will include a contact film positive and a descriptive report.
3. **HORIZONTAL CONTROL**

All stations were searched for and recovered with the exception of HINE SAWMILL TANK 1931 which was reported lost.

4. **VERTICAL CONTROL**

The following are second-order bench marks established by the Coast and Geodetic Survey which were recovered and identified:

\[ M 134, N 134, P 134, Q 134, R 134, S 134, T 134, U 134, \]
\[ V 134, Z 134, A 135, B 135, C 135, D 135, M 135, N 135, \]
\[ O 135, S 135, T 135, U 135, V 135, W 135, X 135, C 136, \]
\[ D 136, E 136, F 136, TIE 7 & 2, and TIE 10 & 11. \]

Supplemental control for contouring with the Reading Plotter was provided by 182.8 miles of fourth-order levels.

Submitted  
18 January 1952

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Charles H. Baldwin  
Cartographic Survey Aid

Approved & Forwarded  
21 Jan 1955

Percy L. Bernstein  
Chief of Party
PHOTOGRAMMETRIC PLOT REPORT

21. Area covered.

This photogrammetric plot is for Ph-68(50) and includes topographic maps T-9786 and T-9787.


The plot was assembled on four base grids (Mississippi East Mercator Grid Zone) at a scale of 1:15,000, covering and extending beyond the area included by T-9786 and T-9787. "Tabs" were added to the base grids for horizontal control and pass points falling outside the limits of the sheets.

The map manuscripts are ruled on vinylite at a scale of 1:15,000.

The photographs are metal-mounted nine lens at a scale of 1:15,000. Photographs used were:

35156 through 35165
35167 through 35174
35179 through 35186

Vinylite templets were made from the photographs using master calibration templet number 36048.

A total of 21 control points were used to control the plot.

Bacon, 1943, sub. pt. No. 1, held in the plot. Sub pt. No. 2 held within .3 mm.

Pine Hills, 1931, Sub. pt. No. 2, held in the plot. Sub pt. No. 1 held within .3 mm.

Rocky Hill Lookout Tower, 1943 and the sub. pt. held in the plot.

Eleven of the fifteen remaining stations held in the plot within .2 mm.

B.S.L. 22 (U.S.E.) sub. pt. was not held in the plot. The radial plot position is 186 meters (ground distance) off the plotted position. The Tampa office photogrammetric plot for T-9379 established a radial plot position 169 meters (approximately) from the plotted position for B.S.L. 22 sub. pt. and reported on form 52B as a topographic station. Correspondence and other data concerning this station are included in the Descriptive Report for T-9379.

Gulfport, 1930 sub. pt. No. 1 held within .5 mm. Five stations in the vicinity of the point were held in the plot.
Firetower, 1935, held within .4 mm. This station is listed as a "no check" station on form 28B.

B.S.L. 19 (U.S.E.) 1941, sub. pt. held within .3 mm.
B.S.L. 17 (U.S.E.) 1941 sub. pt. in the immediate vicinity held in the plot.

23. Adequacy of control.

The attached sketch shows the density and distribution of horizontal control and indicates tolerance on closure to control.

The radial plot position for B.S.L. 22 (U.S.E.) 1941 sub. pt. falls 125 mm. from the plotted position. The radial plot position is indicated on the base sheet. Disposition of this station was discussed in the Tampa Office radial plot report for T-9379.


Inapplicable.

25. Photography.

Photographic coverage, overlap and definition are adequate for radial plotting.

26. Vertical control.

Radial plot positions of vertical elevations are indicated on the base sheets. The elevations in feet as taken from the 1:20,000 field photographs were placed beside the points. Numerous of the junction area photographs have been returned to Tampa. Elevations were transferred to the office prints before these field photographs left the Washington Office. Some vertical elevations were taken from OP 576 single lens 48-J-245-D field inspection photograph. These points are indicated by the elevation in feet on the base grid and on the templates.

Pass points for use in rectification were selected along the shore and water level points were selected along streams. These points are designated "R" for rectification point and "WL" for water level point on the base grid and on the templates.

The vertical elevations are assigned to the templates.

"R" points, "WL" points and vertical elevations have been circled on the templates.

27. Recoverable Topographic Stations.

Twenty-nine 524 forms with attached control station
identification cards were submitted by the field party. The grid positions of these points were established photogrammetrically and are indicated on the base grids by name or numbers. The positions of the twenty-eight section corners were not scaled. No 524 form was submitted for section corner 35-36 on T-9787. See the control station identification card concerning this station.

The grid position for topographic station DOME is shown on the back of the form 524.

28. Radial plot junctions.

Pass point grid positions and 1:10,000 scale nine lens office prints used in the 1:10,000 scale Tampa Office plot for T-9379, T-9380, T-9381 and T-9376 were available. The majority of common pass points selected and used held within ±.3 mm. in the radial plot. 22 (U.S.E.) 1941.

Pass points were selected common to the 1:10,000 scale Tampa office photographs and the 1:15,000 Washington office photographs for use in the radial plot for T-9788. Grid positions established by the Washington office plot have been scaled and sent to the Tampa office.

Submitted:

D. E. Blankenburg

Approved by:

L. E. Landy 12/18/52
SKETCH FOR REPORT
ON RADIAL PLOT OF
PH 68 (50)

△ STANDARD, 1943
SUB. POINT 2

△ BACON, 1943
SUB. POINTS 1, 2

△ ROCKY HILL LOOKOUT TOWER, 1943 & SUB. POINT

△ KILN, 1931
SUB. POINT 3

△ VIDALIA, 1931
SUB. POINT

△ FIRETOWER, 1945 (Tolerance 6 mm)

△ NUGENT, 1943
SUB. POINT 2

△ DAVIS GULFPORT FERTILIZER CO.
TANK 1930

△ WALCOTT & CAMPBELL
COTTON MILL TK. 1930

△ GULFPORT 1930
SUB. POINT

△ LONG BEACH W.T.
U.S.N. 1943

△ Control held in plot within .2 mm
△ One of two sub. pts. held in plot within .2 mm
△ Control not held within .2 mm
<table>
<thead>
<tr>
<th>STATION</th>
<th>G.P. Page</th>
<th>C.P. Page</th>
<th>LATITUDE OR $\nu$-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS</th>
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<tbody>
<tr>
<td>VIDALIA, 1931</td>
<td>28</td>
<td>3</td>
<td><strong>30-27-14.971</strong></td>
<td><strong>461.0 (1386.6)</strong></td>
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<tr>
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<td><strong>89-17-15.169</strong></td>
<td><strong>404.7 (1197.1)</strong></td>
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<td><strong>356,877.50 (x)</strong></td>
<td><strong>1877.50 (3122.50)</strong></td>
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<td><strong>286,670.14 (y)</strong></td>
<td><strong>1670.14 (3329.86)</strong></td>
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<td>FIN E HILLS</td>
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<td><strong>30-23-24.395</strong></td>
<td><strong>751.2 (1096.40)</strong></td>
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<td>1931</td>
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<td><strong>89-18-47.504</strong></td>
<td><strong>1268.2 (333.6)</strong></td>
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<td><strong>263,409.55 (y)</strong></td>
<td><strong>3409.55 (1590.45)</strong></td>
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<td>FIRE TOWER</td>
<td>84</td>
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<td><strong>1190.5 (657.1)</strong></td>
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<td>1935</td>
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<td><strong>89-16-06.25</strong></td>
<td><strong>166.8 (1434.4)</strong></td>
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<td>14</td>
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<td><strong>362,872 (x)</strong></td>
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<td><strong>276,917 (y)</strong></td>
<td><strong>1917 (3,083)</strong></td>
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<td>ROCKY HILL</td>
<td>203</td>
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<td><strong>4,407.92 (592.08)</strong></td>
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<tr>
<td>LOOKOUT TOWER</td>
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<td><strong>89-27-14.554</strong></td>
<td><strong>835.58 (4,164.42)</strong></td>
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<tr>
<td>(West of 9786)</td>
<td>47</td>
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<td><strong>304,407.92 (x)</strong></td>
<td><strong>4,407.92 (592.08)</strong></td>
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<td><strong>285,835.58 (y)</strong></td>
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<tr>
<td>KILN, 1931</td>
<td>29</td>
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<td><strong>30-25-08.227</strong></td>
<td><strong>4,108.63 (891.37)</strong></td>
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<td>(west of 9786)</td>
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<td><strong>89-27-01.107</strong></td>
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<td><strong>305,521.04 (x)</strong></td>
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<td><strong>274,108.63 (y)</strong></td>
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<td>STANDARD, 1943</td>
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<td><strong>903.75 (4,096.25)</strong></td>
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<td>(north of 9786)</td>
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<td><strong>89-21-16.178</strong></td>
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<td><strong>313,078.58 (y)</strong></td>
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</table>

*used Sub. Pt. 1
*used sub. points 1 and 2
*used sub. pt. 1
*used sub. pt. 3
*used sub. pt. 2
*used Sub. Pt. 1

\[1 \text{ FT.} = 0.04803 \text{ METER}\]

**Computed By:** H. Murray
**Plotted by:** C.E.C.
**Checked by:** R.J.P.
**Date:** 1-4-52
**Plotted by Date:** Feb. 1952
<table>
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<th>SOURCE OF INFORMATION (INDEX)</th>
<th>DATUM</th>
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<th>DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)</th>
<th>N.A. 1927-DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)</th>
<th>FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)</th>
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<tr>
<td>BACON, 1943</td>
<td>197</td>
<td>N.A. 1927</td>
<td>30-30-04.926 89-26-52.334</td>
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<td></td>
<td>306,452.20 (x) 304,979.04 (y)</td>
<td>4,52.20 (3,547.80) 4,079.04 (920.96)</td>
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*See control station identification cards for grid coordinates of sub. pts.*

1 FT. = 30.48006 METER
COMPUTED BY: H. Murray DATE: 1/4/52
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<th>Datum Correction</th>
<th>N.A. 1927 Datum Distance from Grid or Projection Line in Meters</th>
<th>Factor Distance from Grid or Projection Line in Meters</th>
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<tr>
<td>*Lyman, 1930</td>
<td>28</td>
<td>N.A. 1927</td>
<td>30-30-51.338</td>
<td>3,805.81 (1,194.19)</td>
<td><strong>used sub. pt.</strong></td>
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<tr>
<td>&quot;</td>
<td>3</td>
<td>1927</td>
<td>89-10-14.013</td>
<td>393,805.81 (x)</td>
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<td>308,399.63 (y)</td>
<td>8,399.63 (1,600.37)</td>
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Pt. falls N of 9287

** See control station identification cards for grid coordinates of sub. pts.

* Sta. is north of sheet limits
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<th>G.P. Page</th>
<th>P.C. Page</th>
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<th>LONGITUDE OR x-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS</th>
<th>N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
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<tr>
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<td>41</td>
<td>N.A.</td>
<td>30-28-12.283</td>
<td>Used sub. pt. 2a</td>
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<tr>
<td>Walcott &amp; Campbell</td>
<td>44</td>
<td></td>
<td>1930</td>
<td>30-22-57.839</td>
<td>Direct</td>
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<tr>
<td>Cotton Hill Tank</td>
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<td>Davis Gulfport</td>
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<td>1930</td>
<td>30-23-37.86</td>
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These points fall east of 19787

*See control station identification cards for grid coordinates of sub. pts.
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<td>N.A.</td>
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<td>89-19-49.90</td>
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These points fall south of T=9786

* See control station identification cards for grid coordinates of sub. pts. No grid coordinates were computed for control stations.

Grid coordinates of sub. stations

Plotted by J.B.
Checked by R.J.R.

Page 16
<table>
<thead>
<tr>
<th>STATION</th>
<th>LATITUDE OR ( \xi )-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS</th>
<th>N.A. 1927-DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
<th>FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
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<td>400,182.93 (x)</td>
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<td>248,406.85 (y)</td>
<td>3406.85 (1593.15)</td>
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<td>89-13-00.771</td>
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<td>BASE 1930</td>
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<td>3989.87 (1010.13)</td>
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* See control station identification cards for grid coordinates of sub. pts.
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<th>DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS</th>
<th>DATUM CORRECTION</th>
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<td>3 N.A.</td>
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<td>WATER TANK (U.S.N.) 1943</td>
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<td>PIER</td>
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</table>

*See control station identification cards for grid coordinates of sub. pts.*
31. Delineation:

Both topographic surveys of this project have been
delineated simultaneously on the Reading Plotter, model "A".
*No areas of either map have been left incomplete.

2.5 miles of contouring on Tahlequah area.

32. Control:

The Photo & Control Sketch, page 11, indicates that the
control was adequate as to identification, density, and
placement; the horizontal position of the radial plot is
satisfactory. The identification, density, and placement
of vertical control (refer to page 7) was adequate for the
delineation of contours under normal conditions of a project
with equal requirements. The conditions were not normal in
this project - see subheading 34 below.

33. Supplemental Data:

a. Base Grids: Four in number, grided at 1:15,000 scale,vinylite, unnumbered, not indexed.

b. Photographs, Instrument: 26 in number, metal-mounted, with
templates, with rectifications (negative), with
positive rectifications, 9-lens, 35156-35165,
35167-35174, and 35179-35186.

c. Photographs, Field Inspection: 25 in number, paper prints,
cut, 9-lens, 26032-4, 26144-53, 33490-4,
33498-503, and 33520.

d. "SPECIAL REPORT, BOUNDARIES, PROJECT Ph-63(50)" 1" thick, bound report, 3 copies, standard page size.

e. Land Office Plats: One bound volume of 65 pages 26" by 18"
in size, all photostat copies.

34. Contours and Drainage:

Photographically the compilation photography was of average
to good quality for contouring purposes, but a distortion in
most every model made establishing a contour datum very
difficult and dictated a restudy and re-rectification of
several photographs in an attempt to produce a more satisfactory
model. For this reason alone several areas of questionable
contours exist and are indicated on an overlay for field edit
attention. In addition to distortion, the accuracy of the
contours in these areas is also doubtful, where dense woods
prevail, because of the inability of the instrument operator
to see the ground sufficiently often or close enough to contour
within the limits of standard accuracy. In many places the
drainage is also doubtful because of the woods, and these
streams are shown by dashed lines indicating field change or
authentication. In most cases the operator has attempted to
compile both contours and streams where he could come at all
close to correct, but where it was unreasonable they
have been dropped. In the later case they are so indicated
on the overlay, also.
35. **Shoreline and Alongshore Details:**

Only a few inches of shoreline exist, all on T-9786, and it was not inspected in the field. Details were instrument delineated.

36. **Offshore Details:** Not applicable.

37. **Landmarks and Aids:**

No aids of any type are known to exist in this area but one landmark was identified during field inspection for Ph-60 and has been positioned by the radial plot: the dome-shaped roof of a WT on the roof of the Pine Hills Hotel on the North shore of St Louis Bay. (Bottom edge of T-9786)

38. **Control for Future Surveys:**

No Hydrostations and only one Topo station exist in this area, the Topo station being the same one identified in the field as a landmark during field work for Ph-60. A 524 card was prepared for it and shows its position scaled from the manuscript T-9786. It is DOME, 1952. (See field photo 33502)

39. **Junctions:**

| NORTH: Joins USGS McHenry Quad; multiplex compiled (but not field edited) in 1952 at 1:24,000; advance sheets reduced to 1:15,000 for comparison and junction; horizontal position of detail in good agreement but contours vary in agreement to a max. of one interval. Extensive field investigation in this area required. |
|---|---|---|
| **T-9786** JOINS SAUVANNAH QUAD 1:62,500 (1954) USGS JUNCTION FAIR. |
| Colored |

SOUTH: Joins USGS T-9379/6 of Ph-60 which were completed in 1952; junction in good agreement. (See OVERLAY)

EAST: Joins USGS T-9376 of Ph-60 which was completed in 1953; junction in good agreement with field photos; manuscript not available.

WEST: Joins USED 1:62,500 quad, BAY ST LOUIS, 1912 edition; No recent compilations in this area, none contemplated; No junction was attempted with this sheet.

40. **Horizontal and Vertical Accuracy:**

*This compilation is believed to comply with National Standards of Map Accuracy except as stated in side-heading 34 above. Areas and details of doubtful accuracy are indicated on the discrepancy overlay for field investigation.*

*Resolved during field edit.*
44. **Section Corners:**

Field identification of section corners was only about 50% complete on each quad, when all field data was called into the Washington Office for the immediate commencement of instrument compilation of the two sheets of this report. (See side-heading 2 of NOTES TO COMPILER, page 6a). Those section corners that were field identified have been positioned by the radial plot and appear as inked corners on the manuscripts. The balance of the corners have been located by measurements from the General Land Office plats and are shown on the manuscripts in pencil pending verification during field edit. Corners presenting special problems of interpretation from the plats are pointed out on the discrepancy overlay with appropriate notes for field investigation.

46. **Comparison with Existing Maps:** No comparable maps exist.

47. **Comparison with Nautical Charts:**

LAKE BORGNE AND APPROACHES, No.1268, scale = 1:50,000, September 1940 (3rd edition), last corrected 29 Sep 52.

48. **Geographic Name List:** See two separate unnumbered pages.

49. **Notes for the Hydrographer:** Not applicable.

50. **Compilation Office Review:** See T-2 form following.

Submitted by:

Orvis N. Dalbey, Chief,
Nine-Lens Plotter Section

Approved by:

Louis J. Reed, Chief
Stereoscopic Mapping Branch
Photogrammetric Engineer
<table>
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<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
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Names approved 2-15-57. L. Heck
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For title:
- Mississippi
- Gulfport

Names approved 2-15-59
Several names listed above have been added to map on basis of project names report.
L. Heck
PHOTOGRAMMETRIC OFFICE REVIEW
T-9786 7-7

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

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 alongshore cultural features  

PHYSICAL FEATURES
20. Water features  
21. Natural ground cover  
22. Plantable 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. Form  

40. 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.

Compiler  
Supervisor

43. Remarks:
51 Methods. All roads were ridden out to classify them and to check the buildings. The contours and other features were visually checked at the same time.

All field edit information has been noted on the discrepancy print, six field edit sheets and the following single lens photographs, 55W 1780 through 1783 and 55W 1790 through 1793. The photographs and field edit sheets have been cross referenced.

All additions and corrections have been noted with violet ink. Deletions are with green ink. A legend appears on each field edit sheet.

52 Adequacy of Compilation. The compilation is good considering that no field inspection was performed prior to compilation. After application of field edit information, the compilation will be complete.

53 Map Accuracy. No horizontal accuracy checks were required. The take-off and tie-in points of the plantablable traverses indicate that the horizontal accuracy is good.

The contours are good. The only discrepancies of more than one-half contour interval were along the northern limits of the quadrangle. These were corrected by plantablable.

Several areas were noted by the reviewer as being doubtful of the accuracy of the contours and drainage. Spot checks were made at several places and some revisions were made.

The heavily wooded area along the Wolf River, in the north central part of the quadrangle, was not completed during compilation. Approximately two square miles of contouring was completed by field edit.

One accuracy check was run in each quadrant of the manuscript. A total of 52 points were checked. Only one point checked was in error of more than one-half contour interval. All points were in error of less than one-half contour interval after being shifted the allowable distance.

54 Recommendations. None are offered.

55 Examination of Proof Copy. Mr. S.H. Dedeaux has agreed to examine a print of the manuscript. He deals in real estate and has some knowledge of surveying. He is also extremely familiar with the area
and is believed qualified to make an examination of the map. His address is De Lisle, Mississippi.

The names Mill Creek and Coon Branch were verified by Mr. Victor Faye, a lifelong resident of the immediate area. These names have been indicated on the discrepancy print.

56 Boundaries, Monuments and Lines. Nine section corners and two points along the Hancock-Harrison County line were located. These points have been located on the field edit sheets or the photographs.

Submitted,
20 Dec. 1956

William M. Reynolds
Cartographer
FIELD EDIT REPORT
T 9787

51 Methods. All roads were ridden out to classify them and to check the buildings. The contours and other features were visually checked at the same time.

All field edit information has been noted on the discrepancy print, six field edit sheets and the following single lens photographs, 55W 1844 through 1847 and 55W 1837 through 1839. The photographs and field edit sheets have been cross referenced.

All additions and corrections have been noted with violet ink. Deletions are with green ink. A legend appears on each field edit sheet.

52 Adequacy of Compilation. The compilation is good considering that no field inspection was performed prior to compilation. The compilation will be complete, after application of field edit information.

53 Map Accuracy. No horizontal accuracy checks were required. The take-off and tie-in points of the planetable traverses indicate that the horizontal accuracy is good.

The contours were checked at various places and were found good.

Spot checks were made on all areas labeled doubtful by the reviewer. Some discrepancies were found and corrected by planetable. None of the areas had to be recontoured.

One accuracy check was run in each quadrant of the manuscript. A total of 54 points were checked. Only one point was in error of more than one-half contour interval. All points were in error of one-half contour interval or less after being shifted the allowable distance. The southeast quadrant of the map is very flat. All points checked in this area were in error of less than one-half contour interval. The allowable shift in this area means little vertically. Changes were made where errors were found but the contours were shifted more than the allowable distance. The contours are within the allowable accuracy and the expression by the compiler is good.

54 Recommendations. None are offered.

55 Examination of Proof Copy. The Engineering Firm, H.D. Shaw and Associates, has agreed to examine a print of the manuscript. They are doing extensive land line location work in the area and are the only people contacted, who are familiar with the maps. Their address is P.O. Box 167, Gulfport, Mississippi.
No discrepancies in Geographic Names were noted during field edit.

56 Section Corners. Twenty two section corners were located during field edit.

All corners located were verified by one of the following people: Mr. Barlowe, Mr. Lizana, Mr. Cuevas and H.D. Shaw and Associates. All the individuals are lifelong residents of the area. H.D. Shaw and Associates is an engineering firm working out of Gulfport and has located many corners in this area.

57 Water Level Elevations. The elevations of the streams are governed by rainfall. A difference of 4 feet was determined for the same point before and after an average rain. It is recommended that all elevations, along streams, be deleted before publication.

Submitted,

William M. Reynolds
Cartographer, C & G S
REVIEW REPORT T-9786, T-9787

TOPOGRAPHIC

March 17, 1959

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

<table>
<thead>
<tr>
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<tr>
<td>370</td>
<td>1852</td>
<td>20,000</td>
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<tr>
<td>3663</td>
<td>1917-18</td>
<td>40,000</td>
</tr>
<tr>
<td>7015b</td>
<td>1946</td>
<td>20,000</td>
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Manuscripts T-9786 and T-9787 supercede all surveys listed above.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

No comparable maps exist in this area.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

Since very little shoreline exists on either of these surveys this item is inapplicable.

65. COMPARISON WITH NAUTICAL CHARTS

Same as above.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

All buildings within the limits of the Naval Construction Battalion have been deleted. This is in line with the wishes of the Commanding Officer. He was consulted during the field edit of T-9380 PH 60 on which the balance of the reservation lay.

Junctions with recent G.S. quadrangles to the north of this survey were fair. Contours along this junction were checked during field edit.

Accuracy checks of contours were extensive. One check was run on each quadrant. All points were within the limits of required accuracy.

These maps comply with instructions and meet the National Standards of Map Accuracy.

Submitted by

A. K. Heywood
APPROVED BY

Le Lande
Chief, Review & Drafting Section
Photogrammetry Division

Max Schempp
Chief, Nautical Chart Branch
Charts Division

Neil Swanson
Chief, Photogrammetry Division

W. L. Brandt
Chief, Coastal Surveys Division

2 July 1959
# Nautical Charts Branch

**Survey No.** T-9786  
**T-9787**

## Record of Application to Charts

<table>
<thead>
<tr>
<th>DATE</th>
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<th>REMARKS</th>
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<td><em>Partially applied to Chart B77, April 1954</em> P.H.A.</td>
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A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.  
Give reasons for deviations, if any, from recommendations made under “Comparison with Charts” in the Review.