

9786
9787

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Diag. Cht. No. 1268-2.

Form 504	
U. S. COAST AND GEODETIC SURVEY	
DEPARTMENT OF COMMERCE	
DESCRIPTIVE REPORT	
Type of Survey	Topographic
Field No. Ph-68	Office No. T-9786 T-9787
LOCALITY	
State	Mississippi
General locality	Mississippi Sound
Locality	Vidalia - Turkey Creek
19 5 52-56	
CHIEF OF PARTY	
P.L.Brenstein, Chief of Field Party	
L.J.Reed, Div. Of Photo., Wash., D.C.	
L.C.Lande " " " " "	
LIBRARY & ARCHIVES	
DATE	July 9, 1959

DATA RECORD

T-9786 & T-9787

Project No. (II): Ph-68(50)

Quadrangle Name (IV): DE LISLE

Field Office (II): Gulfport, Mississippi

Chief of Party: P. L. Bernstein

Photogrammetric Office (III): Washington, D.C. Radial Plot = Lester C. Lande
Compilation = Louis J. ReedInstructions dated (II) (III): 14 August 1951 and Supplement dated
10 October 1951.Copy filed in Division of
Photogrammetry (IV)

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:

Date registered (IV):

31 Mar 1959

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): NA 1927

Vertical Datum (III):

Mean sea level except as follows:

Elevations shown as (25) refer to mean high water

Elevations shown as (S) refer to sounding datum

i.e., mean low water or mean lower low water

Reference Station (III): VIDALIA, 1931

Lat.:

30° 27' 14.971"

Long.:

89° 17' 15.169"

Adjusted

~~Unadjusted~~

Plane Coordinates (IV):

State:

Zone:

Y=

X=

GRID = $\begin{matrix} + \\ \text{Transverse Mercator, Mississippi East, 10,000ft Int.} \\ + \end{matrix}$ 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)
(X) (III)

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 Dec. 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* Date: *10 Apr 52*

Projection and Grids checked by (IV): *Howard D. Wolfe* Date: *11 Apr 52*

Control plotted by (III): *Jeter P. Battley and Charles E. Cook* Date: *29 Nov 52*

Control checked by (III): *Roscoe J. French* Date: *30 Nov 52*

Radial Plot ~~on Stereoscopic~~ *Samuel G. Blankenbaker* Date: *16 Apr 53*
Control extension by (III):

Stereoscopic Instrument ~~compilation~~ *delineation* and *Clarence E. Misfeldt* Date: *14 Aug 53*
Planimetry
Contours

* Manuscript delineated by (III): *Robert L. Sugden and John B. McDonald* Date: *25 Sep 53*
** SCRIBED COPY BY TAMPA OFFICE*

Photogrammetric Office Review by (III): *Louis J. Reed and (Roscoe J. French*)* Date: *9 Oct 53*
() Section Lines only. See page 26)*

Elevations on Manuscript *Louis J. Reed* Date: *9 Oct 53*
checked by (II) (III):

*Horizontal and vertical control recovery and identification, and supplemental levels.

Camera (kind or source) (III): 9-lens camera, model "B", f = 8.25 inches

PHOTOGRAPHS (III)				
Number	Date	Time	Scale	Stage of Tide
35157 thru 35164				
35168 thru 35174	21 Feb 52	9:17 to 10:01	1:15,000	1ft below MHW
35179 thru 35185				

33 000 series used for field inspection *CTR*

Tide (III)

Reference Station: Pensacola, Fla
 Subordinate Station:
 Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range

Washington Office Review by (IV): *A.K. Herwood*

Date: *MARCH 1959*

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

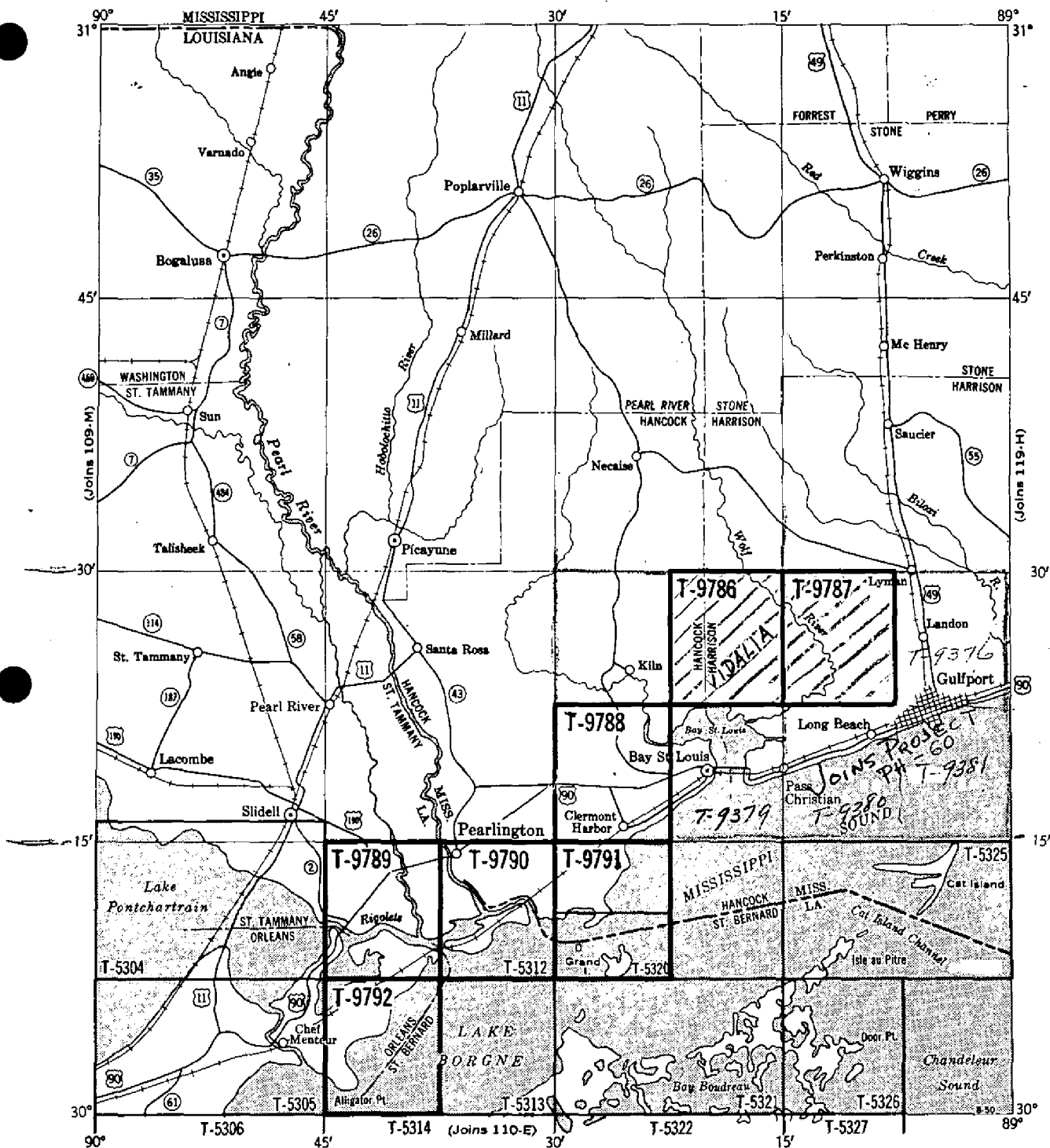
Land Area (Sq. Statute Miles) (III): 125 sq mi
 Shoreline (More than 200 meters to opposite shore) (III): 1 M₁
 Shoreline (Less than 200 meters to opposite shore) (III): None
 Control Leveling - Miles (II): 183

*Number of Triangulation Stations searched for (II): 3 3 Recovered: 3 Identified: 3
 *Number of BMs searched for (II): 259 259 Recovered: 259 Identified: 9
 Number of Recoverable Photo Stations established (III): None
 Number of Temporary Photo Hydro Stations established (III): None

Remarks:

*= Outside of quads:

	<u>Searched for</u>	<u>Recovered</u>	<u>Identified</u>
Δ Stations:	12	11	11
Bench Marks:	629	6	6



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

OFFICIAL MILEAGE FOR COST ACCOUNTS

Sheet No.	Sq. St. Miles	Lin. Miles Shoreline
T-9786	64	0
T-9787	64	0
T-9788	61.5	4.3
T-9789	55.5	30.0
T-9790	40.5	20.0
T-9791	20.5	25.5
T-9792	22.5	13.0
TOTALS	328.5	92.8

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 cronar film positive and a descriptive report.

FIELD INSPECTION REPORT

XXX

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,
 ~P 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

Charles H. Baldwin
 Charles H. Baldwin
 Cartographic Survey Aid

Approved & Forwarded

21 Jan 1952

Percy L. Bernstein
 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.

22. Methods.

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 524 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.

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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.

24. Supplemental Data.

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 templets.

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 templets.

The vertical elevations are assigned to the templets.

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

27. Recoverable Topographic Stations.

Twenty-nine 524 forms with attached control station

-3-

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 2 1 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.~~

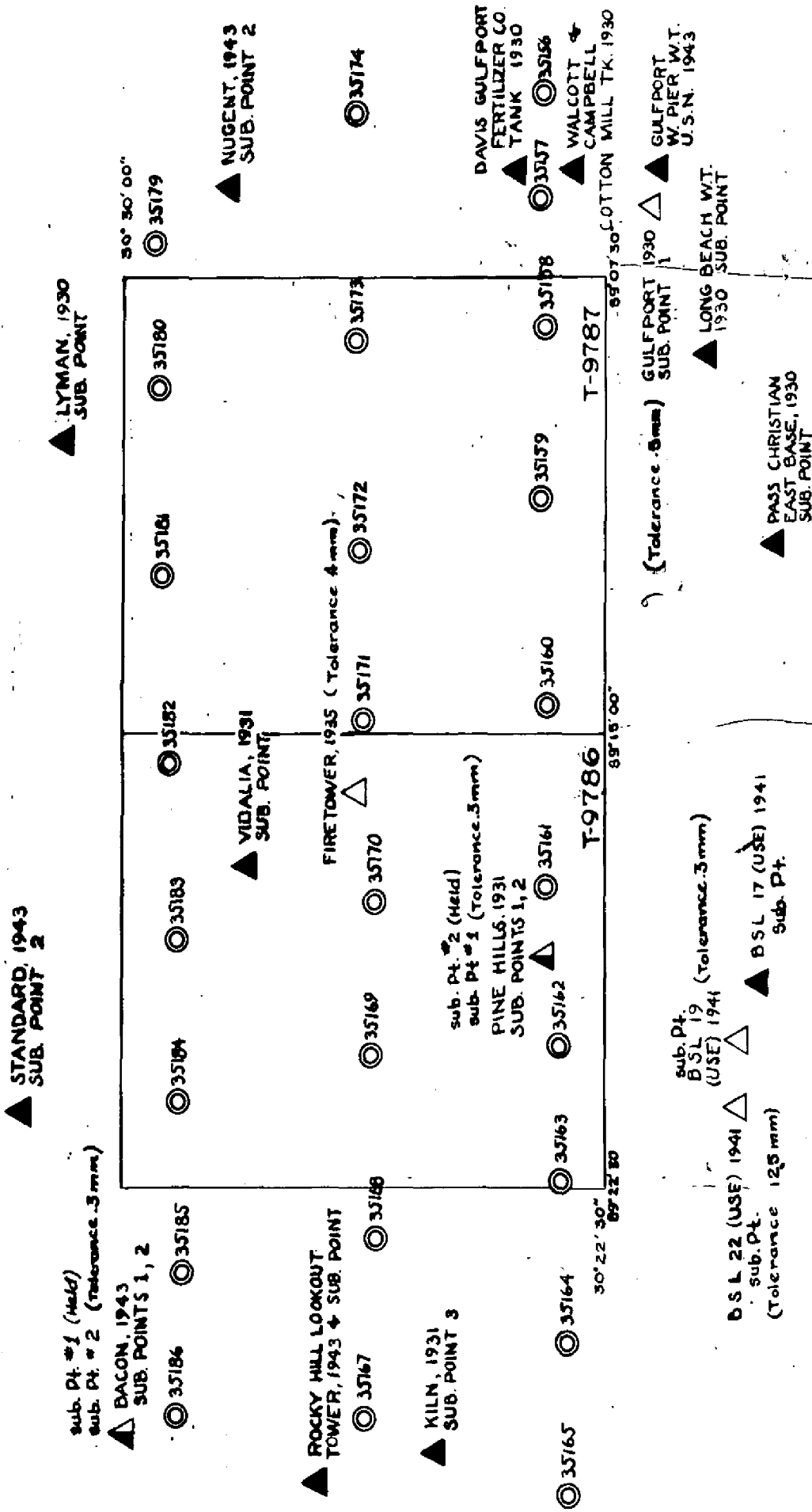
** REFER TO CORRESPONDENCE BOUND WITH DES. REPORT T-9379*

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 by:
D. M. Blankenshaw*

*Approved by:
L. C. Lande 12/18/52*

SKETCH FOR REPORT ON RADIAL PLOT OF PH 68 (50)



- ▲ Control held in plot within .2 mm
- ▲ One of two sub. pts. held in plot within .2 mm
- △ Control not held within .2 mm

Sheet 1 of 2 for T-9786

MAP T-9786 PROJECT NO. Ph-68(50) SCALE OF MAP 1:15,000 SCALE FACTOR

STATION	G.P. Page P.C. Page SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR μ -COORDINATE LONGITUDE OR α -COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
				FORWARD	(BACK)		FORWARD	(BACK)	
* VIDALIA, 1931	28	N.A.	30-27-14.971		461.0 (1386.6)		* used	Sub. pt. 1	
"	3	1927	89-17-15.169		404.7 (1197.1)				
			356,877.50 (x)		1877.50 (3122.50)				
			286,670.14 (y)		1670.14 (3329.86)				
* PINE HILLS 1931	28	"	30-23-24.395		751.2 (1096.40)		* used	sub. points 1 and 2	
			89-18-47.504		1268.2 (333.6)				
			348,696.76 (x)		3696.76 (1303.24)				
			263,409.55 (y)		3409.55 (1590.45)				
* FIRE TOWER 1935	84	"	30-25-38.66		1190.5 (657.1)		direct		
			89-16-06.25		166.8 (1434.4)				
			362,872 (x)		2872 (2,128)				
			276,917 (y)		1917 (3,083)				
ROCKY HILL LOOKOUT TOWER 1943	203	"	30-27-04.241				* used	sub. pt. 1	
			89-27-14.554				and		
(West of 9786)			304,407.92 (x)		4,407.92 (592.08)		direct		
"	47		285,835.58 (y)		835.58 (4,164.42)				
KILN, 1931 (west of 9786)	29	"	30-25-08.227						
			89-27-01.107						
			305,521.04 (x)		521.04 (4,478.96)		* used	sub. pt. 3	
"	3		274 108.63 (y)		4,108.63 (891.37)				
STANDARD, 1943 (north of 9786)	197	"	30-31-35.471						
			89-21-16.178						
"	45		335,903.75 (x)		903.75 (4,096.25)		* used	sub. pt. 2	
			313,078.58 (y)		3,078.58 (1,921.42)				

* THE ONLY STATIONS WITHIN T-9786
AND T-9787.

1 FT. = 3048006 METER
COMPUTED BY: H. Murray
DATE: 1-4-52
Plotted by C.E.C.
CHECKED BY: R.J.F.
DATE: Feb. 1952
M. 2386-12

MAP T-9786 PROJECT NO. Ph-68(50) SCALE OF MAP 1:15,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ν -COORDINATE LONGITUDE OR x -COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
BACON, 1943 (Nr of 9786)	197	N.A. 1927	30-30-04.926 89-26-52.334			used sub. pts. 1 and 2	
"	45		306,452.20 (x) 304,079.04 (y)	1,452.20 (3,547.80) 4,079.04 (920.96)			

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

MAP T. 9787. PROJECT NO. Ph-68(50). SCALE OF MAP 1:15,000. SCALE FACTOR

STATION	G.P. Page P.C. Page SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR Y-COORDINATE LONGITUDE OR X-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927-DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
* Lyman, 1930	28	N.A. 1927	30-30-51.338			** used sub. pt.	
"	3		89-10-14.013				
			393,805.81 (x)	3,805.81 (1,194.19)			
			308,399.63 (y)	2,399.63 (1,600.37)			
<i>77 falls N of 9787</i>							
*** See control station identification cards for grid coordinates of sub. pts.							
* Sta. is north of sheet limits							
Plotted by C.E.C. CHECKED BY R.J.P.							
DATE 1/4/52					DATE Feb. 1952		
COMPUTED BY H. Murray					M. 2388-12		

MAP T. 9376 PROJECT NO. Ph-68(50) SCALE OF MAP 1:15,000 SCALE FACTOR

STATION	G.P. Page P.C. Page SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ν -COORDINATE LONGITUDE OR x -COORDINATE		DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
			FORWARD	(BACK)	FORWARD	(BACK)		FORWARD	(BACK)	
NUGENT, 1943	182	N.A. 1927	30-28-12.283				Used sub. pt. 2*			
"	41		89-06-08.999							
WALCOTT & CAMPBELL COTTON MILL TANK 1930	44 6	"	415,199.87 (x)		1,99.87 (4,800.13)					
			292,273.50 (y)		2,273.50 (2,726.50)					
"			30-22-57.839					direct		
			89-05-49.763							
DAVIS GULFPORT FERTILIZER CO. TANK 1930	44 6		416,809.20 (x)		1,809.20 (3,190.80)					
			260,503.12 (y)		503.12 (4,496.88)					
These points fall east of 19787			30-23-37.86							
			89-05-48-98							
			416,887.19 (x)		1,887.19 (3,112.81)			direct		
			264,546.02 (y)		4,546.02 (453.98)					
*See control station identification cards for grid coordinates of sub. pts.										

MAP T-9379 PROJECT NO. Ph-68(50) SCALE OF MAP 1:15,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ψ -COORDINATE LONGITUDE OR χ -COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927-DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
BSL 17	Bay St. Louis	N.A. 1927	30-19-43.60		*	used sub. pt.	
(U.S.E.) 1941	U.S.E. 4-13	"	89-19-49.90		*	used sub. pt.	
BSL 19	"	"	30-20-21.66		*	used sub. pt.	
(U.S.E.) 1941	"	"	89-20-07.99		*	used sub. pt.	
BSL 22	"	"	30-20-25.65		*	used sub. pt.	
(U.S.E.) 1941	4p14	"	89-21-03.23		*	used sub. pt.	
<i>These points fall south of T-9786</i>							
* See control station identification cards for grid coordinates of sub. pts. No grid coordinates were computed for control stations							
Grid coordinates of sub. stations							

MAP T. 9380 PROJECT NO. Ph-68(50) SCALE OF MAP 1:15,000 SCALE FACTOR

STATION	G.P. Page P.C. Page SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR Y-COORDINATE LONGITUDE OR X-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927-DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
				FORWARD	(BACK)		FORWARD	(BACK)	
LONG BEACH WATER TANK 1930	44	N.A.	30-20-57.681			* used	Sub. Pt.		
"	6	1927	89-08-59.192						
			400,182.93 (x)	182.93	(4,817.07)				
			248,406.85 (y)	3406.85	(1593.15)				
PASS CHRISTIAN EAST BASE 1930	28 3		30-19-42.907 89-13-00.771						
"			378,989.87 (x) 240,918.27 (y)	3989.87	(1010.13)	* used	sub. pt.		
				918.27	(4,081.73)				
			* See control station identification cards for grid coordinates of sub. pts.						

MAP T. 9381

PROJECT NO. Ph-68(50)

SCALE OF MAP 1:15,000

SCALE FACTOR

STATION	G. P. Page P. C. Page INFORMATION (INDEX)	DATUM	LATITUDE OR ψ -COORDINATE LONGITUDE OR x -COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
				FORWARD	(BACK)		FORWARD	(BACK)	
GULFPORT, 1930	28 3	N.A. 1927	30-21-39.424 89-06-34.130			used	sub. point #		
"			412,903.73 (x) 252,590.63 (y)	2,903.73 (2,096.27) 2,590.63 (2,409.37)					
GULFPORT WEST WATER TANK (U.S.N.) 1943	PIER 176 40		30-21-29.98 89-05-43.21				direct		
"			417,363 (x) 251,626 (y)	2,363 (2,637) 1,626 (3,374)					
			*See control station identification cards for grid coordinates of sub. pts.						

COMPILATION REPORT31. 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.

* APPROX. 2 SQ MILES OF CONTOURING ON T-TIG NEAR WOLF RIVER
WERE COMPLETED BY FIELD EDIT. TO FILL HOLES IN
COMPILATION. AKH

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 templets, 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, 26232-4, 26144-53, 33490-4, 33498-503, and 33520.
- d. "SPECIAL REPORT; BOUNDARIES; PROJECT Ph-68(50)" 1" thick, bound report, 3 copies, standard page size.
- e. Land Office Plats: One bound volumn 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 ~~to do~~ 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:

- T-9786 JOINS SAVANNAH QUAD 1:62500 (1956) USGS JUNCTION FAIR.*
- NORTH: Joins USGS McHenry Quad; multiplex compiled (but not field edited) in 1952 at 1:24,000; advance sheets *Enlarged* ~~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.
- SOUTH: Joins USC&GS T9379/ of Ph-60 which ~~was~~ ^{and T-9380 were} completed in 1952; *junction in good agreement. (See OVERLAY)
** RESOLVED DURING FINAL REVIEW*
- EAST: Joins USC&GS 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 ^{are shown} positioned by the radial plot and ^{by standard} appear as inked corners ^{symbol} 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 = 1:80,000, September 1940 (3rd edition), last corrected 29 Sep 52.

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

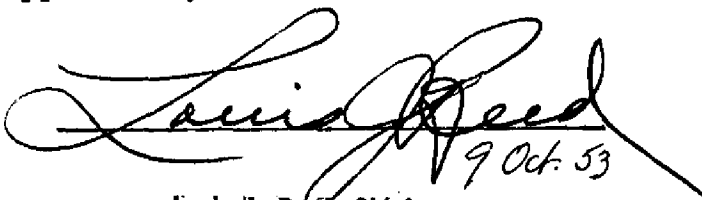
49. Notes for the Hydrographer: Not applicable. X

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

Submitted by:


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

Approved by:


9 Oct. 53
Louis J. Reed, Chief
Stereoscopic Mapping Branch
Photogrammetric Engineer

GEOGRAPHIC NAMES

Survey No.

T-9786

Name on Survey

	A	B	C	D	E	F	G	H	K
	On Chart No.	On previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List	
BAYOU DE LISLE Bayou									1
BAYOU LA SALLE									2
DE LISLE									3
DEDEAUX SCHOOL									4
HANCOCK COUNTY									5
HARRISON COUNTY									6
LITTLE BETHEL CHURCH									7
POLE BRANCH									8
ROTTEN BAYOU									9
SACRED HEART CHURCH									10
SANDY CREEK									11
SAND X HILL CEMETERY									12
ST ANNE CHURCH									13
ST JOSEPH CEMETERY									14
ST JOSEPH CHURCH									15
ST LOUIS BAY									16
UNITED GAS PIPE LINE									17
VIDALIA									18
WOLF RIVER									19
									20
									21
<u>For titles</u>									22
<u>Mississippi</u>									23
<u>Gulfport</u>									24
									25
									26
									27

Names approved
2-15-54. L. Heck

GEOGRAPHIC NAMES

Survey No.

T-9787

Name on Survey

	A	B	C	D	E	F	G	H	K
	On Chart No.	On previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List	
A LLENS CEMETERY									1
BAYOU BERNARD									2
BIG CREEK									3
COUNTY FARM									4
DEDEAUX CHURCH									5
FLAT BRANCH									6
JONES MILL									7
MENNOITE CHURCH & CEMETERY									8
MT CALVARY CHURCH									9
NEW HOPE									10
ROUSES BRIDGE									11
TURKEY CREEK									12
WOLF RIVER									13
Canal Hol.									14
Canal NE 2									15
New Hope Church									16
									17
For title:									18
Mississippi									19
Gulfport									20
									21
									22
									23
									24
									25
									26
									27

} check with quad to south T-938V

Names approved 2-15-54
 Several names listed above have been added to map, on basis of project names report
 L. Heck

PHOTOGRAMMETRIC OFFICE REVIEW

T-9786 9-7

- 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 along-shore cultural features

✓ = checked
N = non-existent

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. Errors

40. *[Signature]* Reviewer
[Signature] Supervisor, Review Section of Unit

41. Remarks (see attached sheet) *R. J. French briefly inspected the sections lines on these two maps.*

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.

 Complier Supervisor

43. Remarks:

FIELD EDIT REPORT
T 9786

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 planetable 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 planetable.

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.

*THIS FOLLOWED INSTRUCTIONS.

- 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
William M. Reynolds
Cartographer, C & G S

REVIEW REPORT T-9786, T-9787

TOPOGRAPHIC

March 17, 1959

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

Number	Date	Scale
370	1852	20,000
3663	1917-18	40,000
7015b	1946	20,000

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

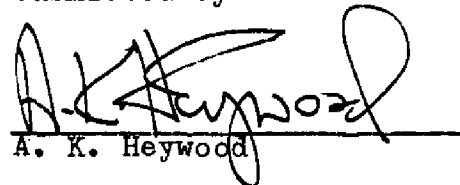
All buildings within the limits of the Naval Construction Battalion have been deleted. This is in line with the wishes of the Commanding Officer. He was consulted during the field edit of T-9380 PH 60 on which the balance of the reservation lay.

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

R. C. Laude

Chief, Review & Drafting Section
Photogrammetry Division

Max Skellett

Chief, Nautical Chart Branch
Charts Division

Paul Swanson

Chief, Photogrammetry Division

J. R. Hull

Chief, Coastal Surveys Division

2 July 1959

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NAUTICAL CHARTS BRANCH

SURVEY NO. T-9786
T-9787

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
			Partially applied to Cht. 877 April 1954 P.H.A. Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
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			Before After Verification and Review

M-2168-1

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.