

9380

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-60(49) Office No. T-9380

LOCALITY

State Mississippi

General locality Mississippi Sound

Locality Pass Christian

1945-55

CHIEF OF PARTY

P.L. Bernstein, Chief of Field Party
J.E. Waugh, Tampa Photo. Office

LIBRARY & ARCHIVES

DATE May 12, 1958

B-1670-1 (1)

9380

DATA RECORD

T-9380

Project No. (II): **Ph-60(49)A** Quadrangle Name (IV):

Field Office (II): **Gulfport, Mississippi**

Chief of Party: **P. L. Bernstein**

Photogrammetric Office (III): **Tampa, Florida**

Officer-in-Charge: **J. E. Waugh**

Instructions dated (II) (III): **8 August 1950**

Copy filed in Division of
Photogrammetry (IV)

Method of Compilation (III): **Graphic**

Manuscript Scale (III): **1:10,000**

Stereoscopic Plotting Instrument Scale (III): **Inapplicable**

Scale Factor (III): **None**

Date received in Washington Office (IV):

MAY 18 1953

Date reported to Nautical Chart Branch (IV):

JUN - 9 1953

Applied to Chart No.

Date:

Date registered (IV): **30 Oct 1957**

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): **N. A. 1927**

Vertical Datum (III):

Mean sea level except as follows:
Elevations shown as (25) refer to mean high water
Elevations shown as (5) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): **PASS CHRISTIAN E. BASE, 1930**

Lat.: **30° 19' 42".907 (1321.2 m.)** Long.: **89° 13' 00".771 (20.6m.)**

Adjusted
~~Coordinates~~

Plane Coordinates (IV):

State:

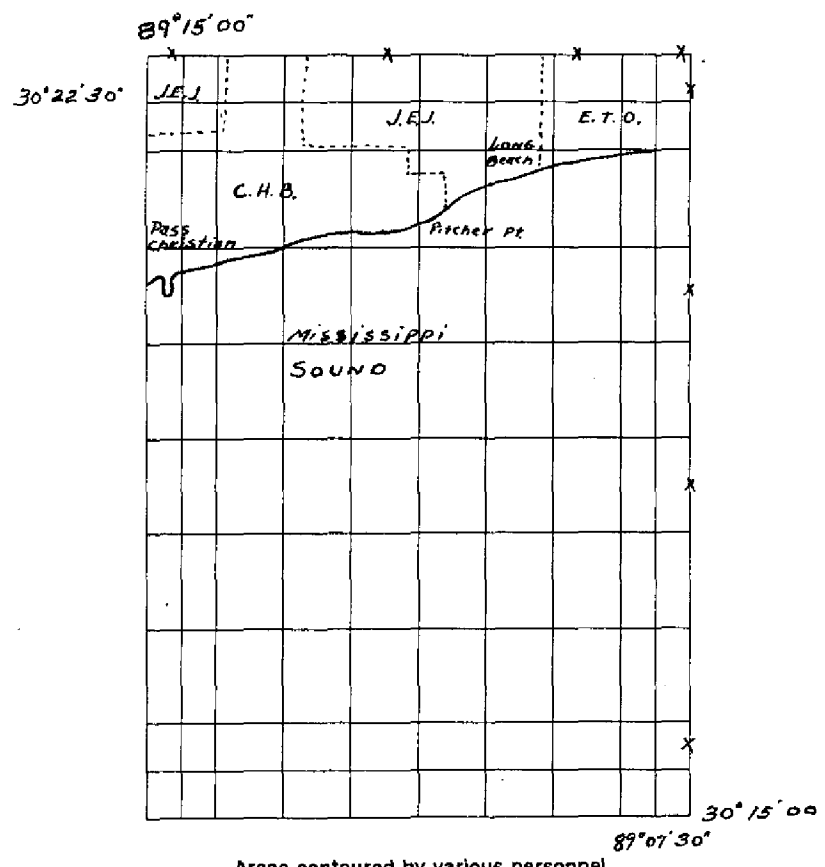
Zone:

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)
(II) (III)

DATA RECORD

Field Inspection by (II): W. M. Reynolds
C. H. Baldwin
J. E. Johnson
E. T. Ogilby
H. M. White

Date: Nov. 1950
Oct-Nov 1950
Oct 1950
Oct-Nov 1950
Oct-Nov 1950

Planetable contouring by (II): C. H. Baldwin
J. E. Johnson
E. T. Ogilby

Date: Oct-Nov 1950

Completion Surveys by (II): **ELGAN T JENKINS**

Date: **JAN 1955**

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

Located by planetable
15 March 1951

Projection and Grids ruled by (IV): **JONES**
T. L. J. (W.O.)

Date: 19 Feb. 1951

Projection and Grids checked by (IV): **WOLFE**
H. D. W. (W.O.)

Date: 27 Feb. 1951

Control plotted by (III): I. I. Saperstein

Date: 3 Mar. 1952

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

Date: 17 Mar. 1952

Radial Plot ~~on Stereoscopic~~ **M. M. Slavney**
~~Control extension~~ by (III):

Date: 13 June 1952

Stereoscopic Instrument compilation (III): Planimetry
Contours **Inapplicable**

Date:
Date:

Manuscript delineated by (III): R. Dossett

Date: 31 Mar. 1953

Photogrammetric Office Review by (III): J. A. Giles

Date: 10 April 1953

Elevations on Manuscript
checked by ~~III~~ (III): J. A. Giles

Date: 1 April 1953

Camera (kind or source) (III): USC&GS Nine-lens, 8 1/4 inch focal length

PHOTOGRAPHS (III)				
Number	Date	Time	Scale	Stage of Tide
26009	15 May 1950	1457	1:10,000	1/ 1.0
26010	"	1458	"	"
26011	"	1458	"	"
26012	"	1459	"	"
26144	16 May 1950	0951	"	"
26145	"	0951	"	"
26146	"	0952	"	"
26147	"	0952	"	"
26148	"	0953	"	"

FROM TABLE OF PREDICTED TIDES

Tide (III)

Reference Station: PENSACOLA
 Subordinate Station: BILOXI - CAT ISLAND (W. POINT) (MEAN)
 Subordinate Station:

DIAGONAL

Ratio of Ranges	Mean Range	Spring Range
1.4		1.8
1.4		1.7

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

Date: *JULY 29, 1957*

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 22
 Shoreline (More than 200 meters to opposite shore) (III): 18
 Shoreline (Less than 200 meters to opposite shore) (III): 4.5
 Control Leveling - Miles (II): 42
 Number of Triangulation Stations searched for (II): 10 Recovered: 7 Identified: 0
 Number of BMs searched for (II): 19 Recovered: 9 Identified: 8
 Number of Recoverable Photo Stations established (III): 12
 Number of Temporary Photo Hydro Stations established (III): 0

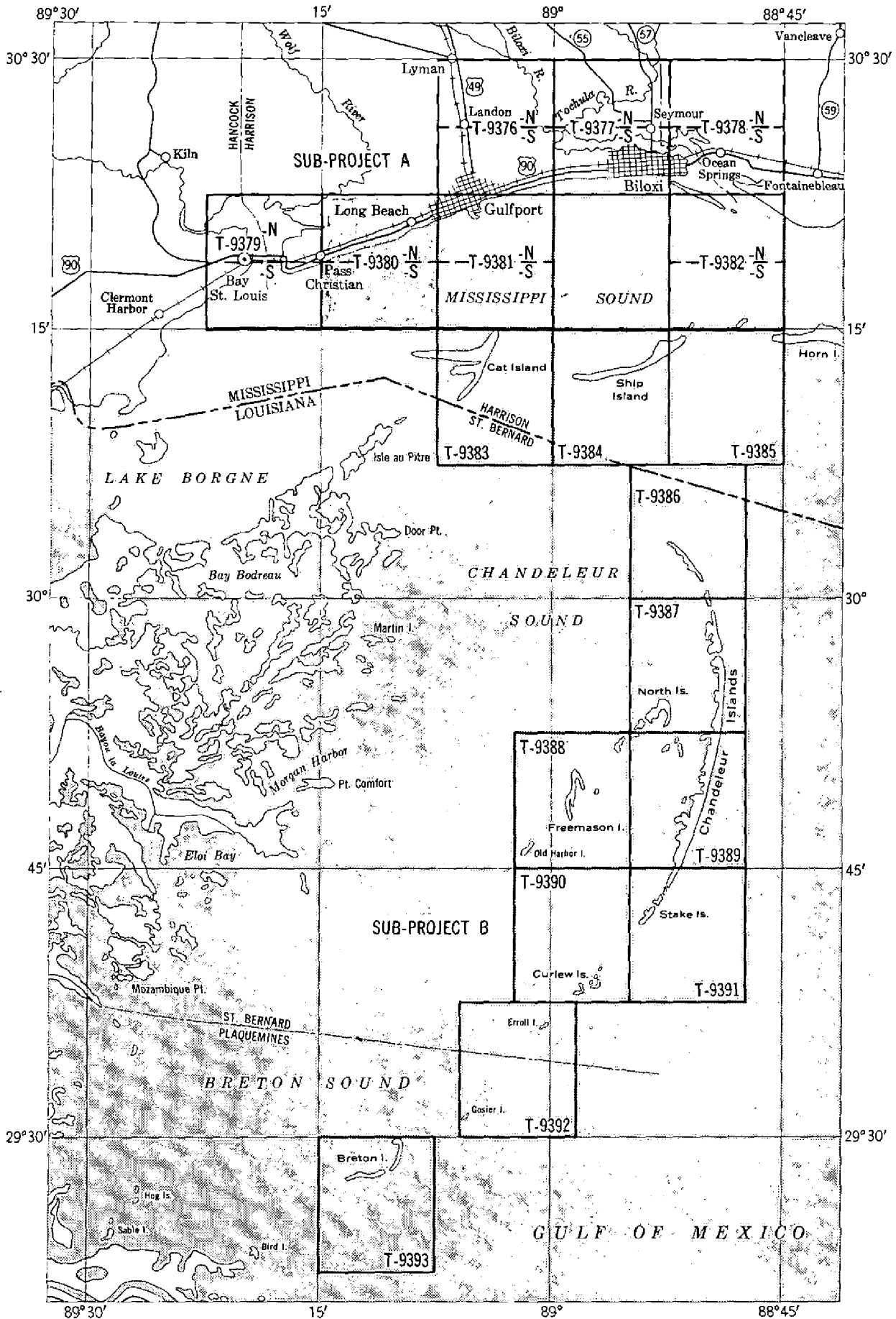
Remarks:

One new triangulation station established and identified.

TOPOGRAPHIC MAPPING PROJECT ~~PL-60 (49)~~ 24100

SUB-PROJECT A: Mississippi Sound, Ocean Springs to Bay St. Louis, MISS. Scale 1:10,000

SUB-PROJECT B: Chandeleur Sound - Breton Sound, Cat I., Chandeleur Is. and Breton I. MISS.-LA. Scale 1:20,000



SUMMARY TO ACCOMPANY TOPOGRAPHIC MAP

This topographic map is one of seven similar maps of Part A of Project Ph 24100. Part A covers the land area adjacent to Mississippi Sound from Ocean Springs west to Bay St. Louis.

Project PH 24100 is a graphic compilation project. Field work in advance of compilation included the establishment of some additional control, complete field inspection, the delineation of 5 foot contours directly on the photographs by planetable methods, and the investigation of geographic names and political boundaries.

The compilation was at a scale of 1:10,000 using nine-lens photographs taken in 1950. All manuscripts were field edited. With the addition of hydrographic data, these maps will be forwarded to the Geological Survey for publication as standard $7\frac{1}{2}$ minute topographic maps.

Items registered under each map number will include a descriptive report, one crownar positive of the map manuscript.

^{AERIAL}
~~AERIAL~~
2. AREAL FIELD INSPECTION

The area embraced by this map is along the southern Mississippi Coast. The north one-third is land with the southern two-thirds being the Mississippi Sound.

The eastern part of the Town of Pass Christian lies on the western limits of the map, the Town of Long Beach in the center portion and a small part of the City of Gulfport on the eastern limits.

No phase of the field work was deliberately left for the field editor. However, the field editor should bring up to date the new beach along the shore in respect to the destruction or extensions to existing piers and the construction of new piers.

Photographs were of recent date and no difficulty was encountered in their interpretation.

Interior field inspection was done on photographs 26009 thru 26012, 26144 thru 26148, 25997, and photo strips 26146-47A and 26146-47B.

3. HORIZONTAL CONTROL

Establishment of supplemental control for radial plot was unnecessary because of recovery of sufficient existing control. Location of fixed aids to navigation resulted in one new third-order triangulation station, PASS CHRISTIAN LT. NO. 2 1951.

The following stations were reported lost:

LONG BEACH WATER TANK 1930
PASS CHRISTIAN LT. NO. 2 1934
CAT ISLAND SHOAL LT. 1934

LONG BEACH WATER TANK 1930 has been torn down. Its center was reconstructed from footings and it is believed the accuracy is sufficient for radial plot control.

Horizontal control was identified on photographs 26009, 26010, 26012, and 26013.

4. VERTICAL CONTROL

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

PASS CHRISTIAN EAST BASE, RM 2 PASS CHRISTIAN EAST BASE,
T 17, N 121, and R 121.

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

W 134, X 134, Y 134, TIE 10 & 7

Fourth-order levels were run to furnish additional control for planetable contouring. Fly level points established were 89-01 thru 89-89.

5. CONTOURS AND DRAINAGE

Contouring was done by planetable methods directly on 1:10,000 scale photographs.

Because of clouds on photograph 26147 a portion of the contouring had to be done on strips 26146-47A and 26146-47B.

Drainage is minor and is adequately explained on the photographs.

Contouring was done on photographs 26010, 26011, 26144 thru 26148, 25997, and photo strips 26146-47A and 26146-47B.

6. WOODLAND COVER

Woodland cover is composed almost entirely of pine except in swampy areas where some species of magnolia, cypress, bay, and other similar growths native to low, wet ground are found.

7. SHORELINE AND ALONGSHORE FEATURES

The mean high water line was inspected and delineated prior to the start of a hydraulic fill sand beach offshore from the seawall. Following completion of the new sand beach the mean high water line and the mean low water line were located by planetable methods directly on the photographs. The elevation of both mean high water and mean low water were reduced to mean sea level using values of tidal bench marks at Bay St. Louis which are connected to the first-order level line "Biloxi, Mississippi to New Orleans, Louisiana."

8. OFFSHORE FEATURES

All offshore features are adequately covered on the photographs.

9. LANDMARKS AND AIDS

All landmark data is adequately covered by Form 567.

The following fixed aid to navigation was located by third-order triangulation:

PASS CHRISTIAN LT. 2 1951

10. BOUNDARIES, MONUMENTS AND LINES

For boundaries, see "Special Report, Boundaries, Project Ph-60(49)."

In T8S R12W the northeast corner of Sections 12, 18, 19, 20 and irregular Section 23 were recovered and identified. No marks were found at the northeast corner of Sections 11 and 14, T8S R12W, however these corners are identifiable from cultural features. Form M-2226-12 were submitted for these two corners.

11. OTHER CONTROL

The following are recoverable topographic stations established:

ALEE 1950, BELL 1950, COME 1950, COOK 1950,
GULF PARK COLLEGE LT. 1950, PARK 1951, SPAT 1951.

12. OTHER INTERIOR FEATURES

There is only one bridge in this quadrangle, namely, the ^{*}Wolf River Bridge. This bridge was under construction at time of photography for this project. Structure and approaches were complete but not open to traffic at time of photography for project Ph-68(50). It is recommended that this structure be delineated from photograph 33491.

*THIS BRIDGE FALLS OUT
SIDE THIS QUAD. SEE
T-9787 PH 68
AKA
2*

13. GEOGRAPHIC NAMES

See "Special Report, Geographic Names, Project Ph-60(49)".

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

"Special Report, Geographic Names, Project Ph-60(49)", forwarded to Washington Office 24 May 1951.

"Special Report, Boundaries, Project Ph-60(49)", forwarded to Washington Office 4 September 1951.

Landmarks for Charts, Form 567, Letter of Transmittal 60-13, to Washington Office 22 October 1951.

Landmarks and Non-floating Aids to Navigation, Form 567, Letter of Transmittal 60-25, to Tampa Photogrammetric Office 22 October 1951.

Blueprints of main tracks, apurs and sidings of Louisville and Nashville Railroad, letter of transmittal dated 4 January 1952.

Geographic Positions, Letter of Transmittal 60-16, to Tampa Photogrammetric Office 1 June 1951.

LIST OF BRIDGES OVER THE NAVIGABLE WATERS OF THE UNITED STATES
1 JULY 1941 EDITION AND SUPPLEMENT

Page	Location	Use	Type	Spans	Horizontal Clearance			Vertical Cl. Above MHW.
					Left	Center	Right	
502	WOLF RIVER De Lisle, Miss. **	Highway	Swing	2	-	70.0	-	10.6
-	WOLF RIVER De Lisle, Miss. ***	Highway	Swing	1	-	70.0	-	10.6

** Bridge to be removed.
*** New bridge.

Fixed Aids to Navigation data, Letter of Transmittal 60-17, to Washington Office 4 June 1951.

Mississippi State Plane Coordinates, East Zone, Transverse Mercator, U. S. Engineer Traverse, Henderson Point to Biloxi, to Washington Office with data for Quadrangle T-9381(), Letter of Transmittal 60-24, dated 27 December 1951.

Data, Location of Fixed Aids to Navigation, Letter of Transmittal 60-18, dated 15 June 1951 to Division of Geodesy, Washington Office.

Data, Quadrangle T-9380(), letter of transmittal 60-28, to Washington Office 22 January 1952.

Submitted
18 January 1952

Charles H. Baldwin

Charles H. Baldwin
Cartographic Survey Aid

Approved and forwarded
22 January 1952

Percy L. Bernstein

Percy L. Bernstein
Chief of Party

sm

COMPILATION REPORT T-9380PHOTOGRAMMETRIC PLOT REPORT.

This report was submitted with T-9379.

31. DELINEATION.

The graphic method was used.

The alongshore photographs, including 23009-10-11-12, were of poor scale and considerable difficulty was encountered while using them except for their center chambers. The inshore photographs, 26144-45-46-47-48, were of reasonably good scale, however, large areas on photographs 26146, 47 and 48 were obscured by clouds.

The shoreline inspection was adequate. The inshore area inspection was highly inadequate, particularly on photograph 26144. On this photograph, inshore areas were ignored with reference to vegetation, street labeling and ditches. Particularly, attention is called to the failure of the field inspectors to recover the monuments for the Long Beach city limits. The boundary report stated that these limits were well monumented, had been recovered and shown on the field photographs, however, they did not so appear. Further attention is called to the field inspector's failure to show buildings and streets obscured by the dense woodland cover just inland along the entire Mississippi Sound shoreline. On field photograph 26144, the five-foot contour was ignored.

32. CONTROL.

Sufficient secondary control was established with placement such that no difficulty was encountered while cutting in detail points.

33. SUPPLEMENTAL DATA.

None.

34. CONTOURS AND DRAINAGE.

The drainage and contours were delineated as shown by the photographs and field inspection.

35. SHORELINE AND ALONGSHORE DETAILS.

The shoreline inspection was adequate. The low-water-line was delineated from field notes. No shoal lines were shown.

36. OFFSHORE DETAILS.

No unusual problems were encountered.

37. LANDMARKS AND AIDS.

*The heights of landmarks given on the field prints are at variance with those submitted on Form 567. These differences in elevation are noted on the discrepancy overlay.

*RESOLVED BY
FIELD EDITOR

38. CONTROL FOR FUTURE SURVEYS.

Twelve (12) topographic stations are being submitted on Form 524. Only ~~seven (7)~~ ^{eight (8)} of these are useful to the hydrographer and have been listed under Item 49.

FIELD EDITOR ESTABLISHED
ONE MORE
AAB

39. JUNCTIONS.

A satisfactory junction has been secured with T-9379 on the west and T-9381 on the east. No junction could be made with *T-9787 (Ph-68) on the north because this quadrangle is being compiled in the Washington Office. Mississippi Sound and the Gulf of Mexico bound on the south.

WILL BE MADE
DURING REVIEW
OF PH 68
AAB

40. HORIZONTAL AND VERTICAL ACCURACY.

No statement required.

46. COMPARISON WITH EXISTING MAPS.

A comparison was made with USC&GS Planimetric Map CS-368 (). An outstanding shoreline difference was noted along the Mississippi Sound due to the recently filled beach area.

47. COMPARISON WITH NAUTICAL CHARTS.

Comparison was made with Nautical Chart No. 877, scale 1:40,000, published October 1951.

The only difference noted is as stated in Item 46.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY.

None.

ITEMS TO BE CARRIED FORWARD.

None.

Rudolph Dossett
Rudolph Dossett
Carto Photo Aid

APPROVED AND FORWARDED:

William A. Reese
for J. E. Waugh, Chief of Party

5/11

48. GEOGRAPHIC NAME LIST.

Canal No. 1

Canal No. 2

Canal No. 3

Beat Line Road

ANTIOCH CHURCH

* BAYOU ARCADIAN
BAYOU PORTAGE

* CUEVAS

→ (1953 R. McN. Pop 500 = P.O. in 1952
1952 40 Postal Guide)

GULF PARK COLLEGE

HARRISON COUNTY

INDIAN BAYOU

JOHNSON BAYOU

LONG BEACH

LOUISVILLE AND NASHVILLE R. R.

Menge Avenue

MISSISSIPPI

MISSISSIPPI SOUND

MT. PILGRIM CHURCH AND SCHOOL

NORTH ST.

~~OUR LADY OF THE LOURDES CHURCH~~

It is believed that this should be:

Our lady of Lourdes Church.

PASS CHRISTIAN

PINEVILLE SCHOOL

PITCHER POINT

RANDOLPH HIGH SCHOOL

RIVERSIDE CHURCH

(this is form of name in Project Names Report)

SUTTER BAYOU

SUPERVISORS DISTRICT (BEAT) 2

SUPERVISORS DISTRICT (BEAT) 3

U. S. 90

WOLF RIVER

* To be investigated by field editor.

Names approved
6-19-53.
L. Heck

48. GEOGRAPHIC NAME LIST. (CONTINUED)

LAND GRANTS

ALEX. DIMITRY GRANT

CHAS. ASMOND GRANT

^{JOE}
~~CLAND~~ LADNER GRANT

WIDOW LADNER GRANT

49. NOTES FOR THE HYDROGRAPHER.

Following is a list of topographic stations that may be useful to the hydrographer.

GULF PARK COLLEGE LT. 1950

SPIRE SPAT, 1951

COOK, 1951

COME, 1950

BELL, 1950

ALEE, 1950

STACK PARK, 1951

SPIRE, 1955

TIDE COMPUTATION

PROJECT NO. Ph. 60A T. 9380

Time and date of exposure 1458 15 May 1950 Reference station FENSACOLA (mean) CAT ISLAND Mean range
 Date of field inspection November 1950 Subordinate station BILLOXI, BILOXI BAY - (West Pt.) Ratio of ranges 1.4

	Time		Height feet	Height x Ratio of ranges	Time	
	h.	m.			h.	m.
High tide	9	11	1.3	1.8	9	11
Low tide	20	11	- 0.1	- 0.1	- 0	22
Duration of rise or fall	11 00			1.9	8 49	

	h. m.		feet	Photo. No.
	Time H. T. or L. T.	19 49		
Required time Interval	19 49	14 58	1.1	Feature bares Stage of tide above MLW
Time H. T. or L. T.	14 51	4 51	1.0	Feature above MLW
Required time Interval				Feature bares Stage of tide above MLW
Time H. T. or L. T.				Feature above MLW
Required time Interval				Feature bares Stage of tide above MLW
Time H. T. or L. T.				Feature above MLW
Required time Interval				Feature bares Stage of tide above MLW
Time H. T. or L. T.				Feature above MLW
Required time Interval				Feature bares Stage of tide above MLW
Time H. T. or L. T.				Feature above MLW
Required time Interval				Feature bares Stage of tide above MLW

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
TO BE DELETED

STRIKE OUT ONE

Tampa Photogrammetric Office, Tampa, Fla. 11 March 1953

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

The positions given have been checked after listing by

Rudolph Dessett, Carto Photo Aid

J. L. Waugh

Chief of Party.

STATE	MISSISSIPPI	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
					LATITUDE *	LONGITUDE *	DATUM	D.P. METERS						
					° / ' "	° / ' "	"	"						
		STACK	GULF PARK COLLEGE, concrete (PARK 1951) ht = 103 (125) ³		30 21	89 08	10.0 267	N.A. 1927	Rad. Plot 7-9380	1951	X		877 1268	
		SPIRE	ST. THOMAS CATHOLIC CHURCH, red with yellow cross atop. ht = 94 (109) (PARK, 1951)		30 20	89 08	58.91 1814	"	"	"	X		"	
		TANK	PASS CHRISTIAN MUNICIPAL WATER, Steel, ht = 105 (115) ¹		30 18	89 14	53.26 1423	"	"	"	X		"	
		SPIRE	ht = 64 (65) (PASS CHRISTIAN CATHOLIC CHURCH SPIRE, 1997 (1955))		30 18	89 14	54.4 1674.8	"	THEODOLITE Sighting	1955 1997	X		"	
		TANK	Steel, water, ht = 115 (111) (PASS CHRISTIAN GRAY CASTLE HOTEL TANK, 1930)		30 19	89 13	34.228 1054.0	"	TR.I.	1930	X		"	
													19	

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navigation if redetermined shall be reported on this form. The data should be considered for the latest available edition of the chart.

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
TO BE DELETED

STRIKE OUT ONE

Tampa Photogrammetric Office, Tampa, Fla. 31 March, 1953

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

The positions given have been checked after listing by

Rudolph Dossett, Carto Photo Aid

J. E. Naugh
Chief of Party.

STATE	MISSISSIPPI	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
					LATITUDE *		LONGITUDE *							
					° /	'	° /	'						
		✓ GULF PARK COLLEGE LT. (Privately maintained)			30	20	19.62 1528	89	07	00.22 06	H.A. 1927	1950	X	867 1268
		✓ PASS CHRISTIAN LT. 2			30	18	32.69 1006.6	89	14	12.02 321.2	"	1951	X	"
														20

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navigation if redetermined shall be reported on this form. The data should be considered for the charts of the area and not by

PHOTOGRAMMETRIC OFFICE REVIEW

T-9380

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

CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy M.M.S. 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) J.G. 7. Photo hydro stations XX 8. Bench marks J.G. 9. Plotting of sextant fixes J.G. 10. Photogrammetric plot report J.G. 11. Detail points J.G.

ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline J.G. 13. Low-water line J.G. 14. Rocks, shoals, etc. J.G. 15. Bridges J.G. 16. Aids to navigation J.G. 17. Landmarks J.G. 18. Other alongshore physical features J.G. 19. Other along-shore cultural features J.G.

PHYSICAL FEATURES

20. Water features J.G. 21. Natural ground cover J.G. 22. Planetable contours J.G. 23. Stereoscopic instrument contours XX 24. Contours in general J.G. 25. Spot elevations J.G. 26. Other physical features J.G.

CULTURAL FEATURES

27. Roads J.G. 28. Buildings J.G. 29. Railroads J.G. 30. Other cultural features J.G.

BOUNDARIES

31. Boundary lines J.G. 32. Public land lines J.G.

MISCELLANEOUS

33. Geographic names J.G. 34. Junctions J.G. 35. Legibility of the manuscript J.G. 36. Discrepancy overlay J.G. 37. Descriptive Report J.G. 38. Field inspection photographs J.G. 39. Forms J.G.

40. Jesse A. Giles Reviewer William A. Rasure 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:

FIELD EDIT REPORT
Quadrangle T- 9380
Project PH 60 (49)
Ira R. Rubottom
Chief of Party

51- METHODS-- The quadrangle was inspected by riding over all roads to check their classification, to inspect mapped features, to add new features, to examine questioned areas and to check contour expression.

The shoreline, new piers and the new lanes of U.S. # 90 were all located by planetable directly on the field edit sheet. All inspection, with the exception of part of Long Beach, was made on the 1950 photographs before notification was received concerning 1954 photographs of the beach area.

Space on the field edit sheet did not permit a separate photograph reference number for each new detail added. The photographs were used, as nearly as possible, to cover the same areas as was contoured on them, with the exception of the building delineation in Pass Christian and the building inspection of part of Long Beach.

The city limits of Gulfport, Long Beach and Pass Christian are believed to have been sufficiently located for compilation.

Violet ink was used for all additions and corrections and green ink was used for all deletions.

As Pass Christian is to be mapped as non urban, only those buildings delineated on the photograph should be shown.

All buildings located on property of the U. S. Naval Construction Battalion Center have been deleted at the request of the Commanding Officer.

Field edit information is shown on one double weight matte print, cut into three sections and used as a field edit sheet, one discrepancy print of the N and S $\frac{1}{2}$, one section line discrepancy print of the N $\frac{1}{2}$, one rough map of the city limits of Long Beach and one of Pass Christian, four 1954 single lens photographs # 3222, 3226 thru 3228 and eight 1950 9 lens photographs # 26009 thru 26011 and 26144 thru 26148.

52- ADEQUACY OF COMPILATION-- The map compilation is near adequate and will be complete with the application of the field edit data.

53- MAP ACCURACY-- No horizontal accuracy test was made of this map.

A few contours were checked for expression and accuracy with the results being well within the National Standards for mapping.

54- RECOMMENDATIONS-- None offered.

55- EXAMINATION OF PROOF COPY-- Mr James A. Martin, Civil Engineer and Land Surveyor, of Island View Avenue, Long Beach, Mississippi has agreed to examine a proof copy of the map.

The name "Cuevas" belongs where indicated on the discrepancy print. This name also applies to the post office. As this area has no corporate limits it would be impossible to determine a population as requested on the discrepancy print. The approximate number of people that use this post office is seventy five.

Submitted 13 January, 1955

Elgan T. Jenkins
Elgan T. Jenkins
Cartographer

APPROVED AND FORWARDED:

Ira R. Rubottom

Ira R. Rubottom.
Chief of Party.

Review Report T-9380

Topographic Map

31 July 1957

61. General Statement

See summary report

62. Comparison with Registered Topographic Surveys

7015a	1:40 000	1946
3701	1:40 000	1916-17
369	1:20 000	1852
325	1:10 000	1851

Manuscript T-9380 supercedes all the above surveys in common areas as source material for charts.

63. Comparison with Maps of Other Agencies

AMS Gulfport Advance Sheet 1921

This map was of little use in comparison with survey T-9380. The original data was taken from USC&GS chart 190 last printed in 1919.

64. Comparison with Contemporary Hydrographic Surveys

None

65. Comparison with Nautical Charts

Chart 877	1:40 000	1951	4/1/57
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The MHWL is subject to change due to a "pumped in" beach. Sand is hydraulically dredged offshore to obtain fill material. Dredging operations formed a channel seaward of a new line of pile. This channel has not been compiled. Refer to paragraphs one and two of a letter to CMDR Bernstein from the Acting Director bound with this report.

A new line of pile exists about 400 yards offshore marking the danger line for swimming.

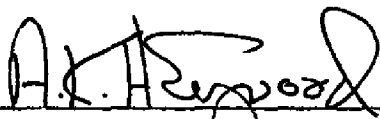
66. Adequacy of Results and Future Surveys

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

It is of adequate accuracy for use as a base for future hydrographic surveys.


Refer to item 66 paragraph three of Review Report T-9376.

Reviewed by:

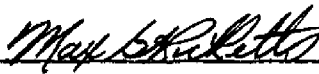


A. K. Heywood

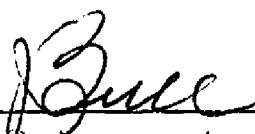
Approved:



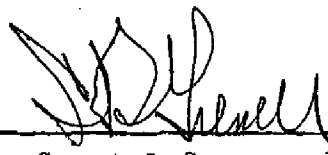
Chief, Review Branch
Division of Photogrammetry



Chief, Nautical Chart Branch



Chief, Photogrammetry Division
ad.



Chief, Coastal Surveys Division

19 October 1951

To: Commander Percy L. Bernstein
 U. S. Coast and Geodetic Survey
 P. O. Box 656
 Gulfport, Mississippi

Subject: Hydrography—Projects PH-66 and PH 68

References: (a) Your letter dated 20 September 1951
 (b) Letter dated 17 September 1951 from The District Engineer
 Mobile District

1. Your letter furnishes information regarding the channel formed as a result of dredging operations for obtaining fill material to the sand beach between Henderson Point and Allen, Mississippi. According to this information, the channel varies in width from about 10 to 200 feet and in depth from about 5 to 15 feet. The channel, moreover, is not straight and is not necessarily continuous.

2. Since this channel will not be maintained by any organization, its permanence is doubtful. No hydrographic survey of this channel shall be undertaken by your party.

3. The small-craft harbor now being constructed at Gulfport, Mississippi, will be charted when it is completed. You will please contact the organization responsible for the construction of the small-craft harbor to ascertain whether, under their contract, after-dredging surveys will be made. If such surveys are to be made, you will please make arrangements for copies of the surveys to be furnished this Bureau.

4. In the event that no after-dredging surveys are to be made by local interests and the dredging is completed before your party moves from this area, you will please make a hydrographic survey of the small-craft harbor and the connecting channel.

5. Because of the limited area in the harbor and channel the most suitable equipment for hydrography will be a small launch or skiff, with a hand lead. Positions may be obtained by the use of ranges and a tag line or by other means as described in Chapters 3341-3345 of the Hydrographic Manual. The survey shall be made on a scale of 1:5,000, or larger.

6. You will please acknowledge the receipt of this letter.

Acting Director.

Supervisor, Southern District
 Division of Photogrammetry
 Division of Charts (60 and 87)

NAUTICAL CHARTS BRANCH

SURVEY NO. T.9380

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
Apr. '54	877	P. H. Andros	<i>Partial</i> Before After Verification and Review
Feb. 9, '59	877	J. M. Albert	<i>add struts south of RR; row of piles; shoeline</i> 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
			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.