

Original

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Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
<i>Type of Survey</i> SHORELINE (Photogrammetric)	
<i>Field No.</i>	<i>Office No.</i> T-11807
LOCALITY	
<i>State</i>	Mississippi
<i>General locality</i>	Mississippi Sound
<i>Locality</i>	Henderson Point
<u>1966-67</u>	
CHIEF OF PARTY	
J. Bull, Director, Atlantic Marine Center	
LIBRARY & ARCHIVES	
DATE	

USCOMM-DC 5087

11807

DESCRIPTIVE REPORT - DATA RECORD

T-11807

PROJECT NO. (II):

PH-6625

FIELD OFFICE (II):

CHIEF OF PARTY

PHOTOGRAMMETRIC OFFICE (III):

Atlantic Marine Center

OFFICER-IN-CHARGE

J. Bull, CAPT

INSTRUCTIONS DATED (II) (III):

Field: Dec, 1965
Field - Suppl. #1, March 11, 1966
April 27, 1966 (Office)
Field - Photo Hydro & Edit: Sept 27, 1967
Aerotriangulation: March 1966

METHOD OF COMPILATION (III):

Kelsh

MANUSCRIPT SCALE (III):

1:10,000

STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):

1:6,000 pantographed to 1:10,000

DATE RECEIVED IN WASHINGTON OFFICE (IV):

DATE REPORTED TO NAUTICAL CHART BRANCH (IV):

APPLIED TO CHART NO.

DATE:

DATE REGISTERED (IV):

GEOGRAPHIC DATUM (III):

N. A. 1927

VERTICAL DATUM (III): MHW

~~XXXXXXXXXX~~ 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 WEST BASE, 1931 ✓

LAT.:

LONG.:

30° 18' 34."156(1051.8m) 89° 16' 31"010(828.6m) ✓

☒ ADJUSTED☐ UNADJUSTED

PLANE COORDINATES (IV):

STATE

ZONE

= 234,039.84 ft. ✓

x = 360,537.41 ft. ✓

Mississippi ✓

East ✓

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.

DESCRIPTIVE REPORT - DATA RECORD

FIELD INSPECTION BY (III): None		DATE:
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): Air Photo Compilation Date of Photography January 27, 1966		
PROJECTION AND GRIDS RULED BY (IV): A. E. Roundtree		DATE May 6, 1966
PROJECTION AND GRIDS CHECKED BY (IV): R. Glaser		DATE May 6, 1966
CONTROL PLOTTED BY (III): J. Place		DATE July 1966
CONTROL CHECKED BY (III): L. Graves		DATE July 1966
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): P. Hawkins (WSC)		DATE <i>April, 1966</i> no date
STEREOSCOPIC INSTRUMENT COMPILATION (III):	PLANIMETRY K. Boyle	DATE September 16, 66
	CONTOURS Inapplicable	DATE
MANUSCRIPT DELINEATED BY (III): K. Boyle		DATE September 27, 66
SCRIBING BY (III): F. P. Margiotta		DATE February 16, 1968
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): <i>R.E. Smith (Field Ed. & Appl.)</i> R. E. Smith <i>" " (Scribing)</i>		DATE <i>Jan. 20, 1968</i> <i>May 9, 1968</i> September 30, 66
REMARKS: <i>Field Edit by W.R. Cameron in November 1967</i>		

DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

"S" Camera

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	* STAGE OF TIDE
66-S-1865	Jan. 27, 66	09.40	1:15,000	0.1 above MLW
66-S-1866	"	09.40	1:15,000	0.1 above MLW
66-S-1867	"	09.40	1:15,000	0.1 above MLW
66-S-1826	"	08.57	1:30,000 (Diap)	0.2 above MLW
66-S-1827	"	08.57	1:30,000 "	0.2 above MLW
66-S-1872	"	09.50 ⁴⁵	1:15,000	0.1 above MLW
66-S-1873	"	09.50 ⁴⁶	1:15,000	0.1 above MLW
66-S-1874	"	09.50 ⁴⁷	1:15,000	0.1 above MLW

* Predicted

TIDE (III)

Diurnal

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: Pensacola, Florida		1.3	
ORDINATE STATION: Bay, St. Louis, Mississippi		1.6	
SUBORDINATE STATION:			

Atlantic Marine Center
WASHINGTON OFFICE REVIEW BY (IV):

M. W. Starney

DATE:

Nov. 1968

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):

5

RECOVERED:

3

IDENTIFIED:

1

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

—

RECOVERED:

—

IDENTIFIED:

—

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):

—

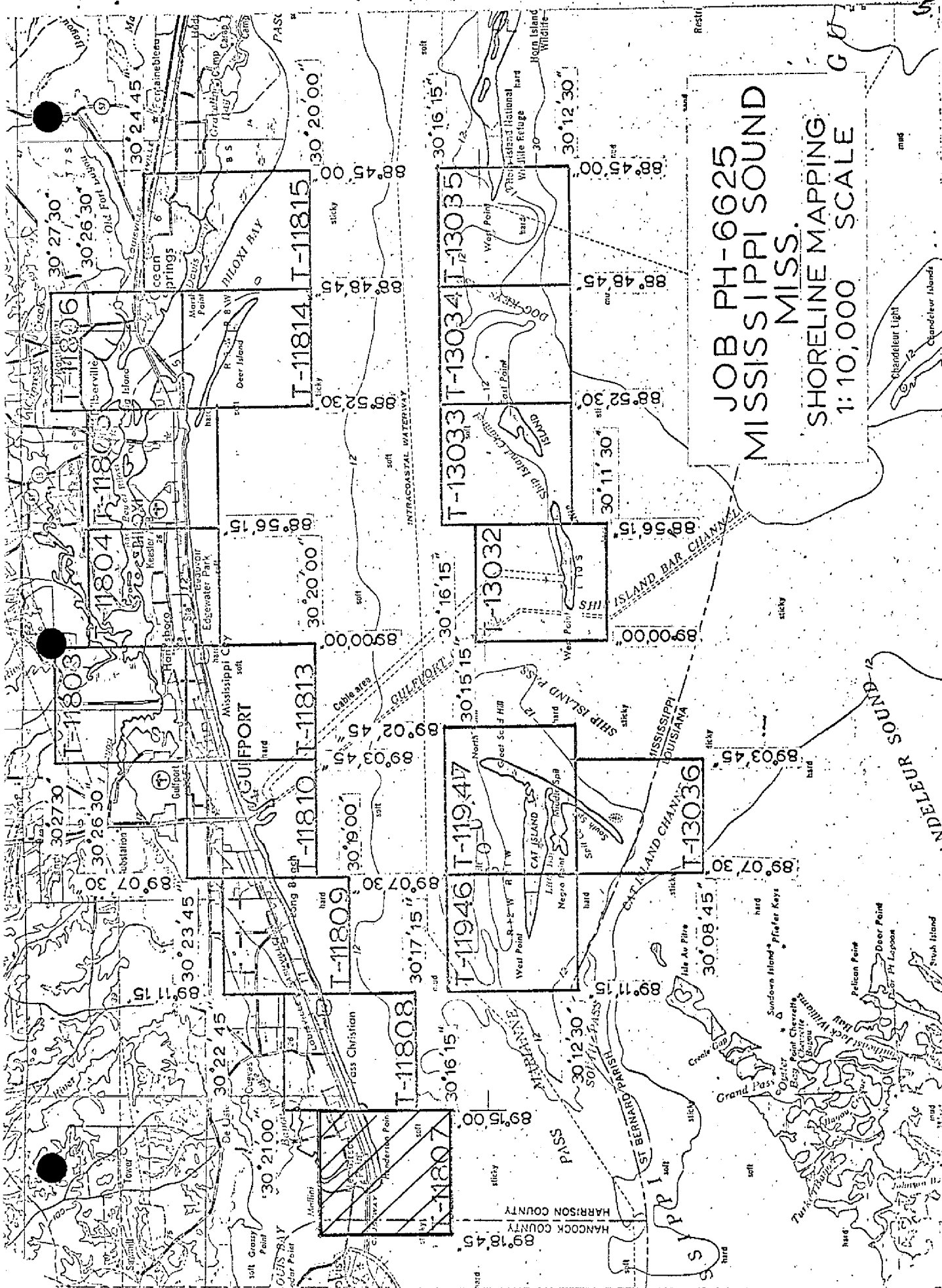
NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):

—

REMARKS:

T-11807

COMPILATION RECORD	COMPLETION DATE	REMARKS
Alongshore Area for hydro	Sept. 1966	Superseded
Field Edit applied Compilation complete	Jan. 1968	<i>Superseded</i>
<i>Final Review</i>	<i>Nov. 1968</i>	



JOB PH-6625
MISSISSIPPI SOUND
MISS.
SHORELINE MAPPING
1:10,000 SCALE

MISSISSIPPI SOUND

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-11807

Shoreline manuscript T-11807 is one of the eighteen 1:10,000 scale maps that comprise Ph-6625. These maps are for Mississippi Sound, from Bay St. Louis through Gulfport and Biloxi to Belle Fontaine Point; and the offshore area of Cat Island through Ship Island and includes the west end of Horn Island. The sketch on page 5 of this report shows the position of T-11807 in PH-6625.

This is a stereo-instrument job in advance of hydrographic surveys of the area. The only field work preceding compilation was that pertaining to control identification, and pre-marking of control stations before photography. The stereoplanigraph bridge was run in the Washington Office with 1:30,000 scale panchromatic photography taken January 27, 1966 with the "S" camera. Compilation was primarily by Kelsh Plotter with the same photographs used for bridging. Ratio prints at 1:10,000 scale were processed and furnished for hydro support.

Additional photographic coverage along the shoreline was provided with 1:15,000 scale panchromatic "S" photographs, of January 27, 1966, enlarged to 1:10,000 for hydro support; these were fixed graphically and the centers are on the map. Color photographs at 1:20,000 scale of January 27, 1966 were provided for use in the offshore areas, particularly in the ship channels. The centers of these photographs are not on the map.

The map was field edited in November 1967. Field edit was done on an ozalid and a cronaflex, and a set of "as built" drawings of the railroad bridge across the mouth of Bay St. Louis is furnished as a part of the edit data. The map was scribed and stuck-up after applying the field edit.

Final review was done at the Atlantic Marine Center during Sept. 1968.

The compilation manuscript was a vinylite sheet 3 minutes 45 seconds in latitude and longitude. The smooth manuscript is on cronaflex for registry and record after final review.

FIELD INSPECTION REPORT

There was no field inspection prior to compilation.

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PHOTOGRAMMETRIC PLOT REPORT
Job PH-6625
Mississippi Sound, Mississippi

Part I

21. Area Covered

Part I includes the mainland shore areas and the close, off-shore islands of Mississippi Sound. T-sheets 11803 through 11810 and 11813 through 11815 are included in this report.

22. Method

Three strips of photography were bridged on the stereoplanigraph and adjusted by IBM 1620 methods. All strips were joined by common control stations and/or tie points. All tie points between strips were averaged.

Strip #1 consisted of photographs 66-S-1849 through 1856. This strip was adjusted using five control stations with one additional station as a check.

Strip #2 consisted of photographs 66-S-1809 through 1827. This strip was adjusted using six control stations with fourteen additional stations as checks.

Strip #3 consisted of photographs 66-S-1830 through 1842. This strip was adjusted on four stations with six additional stations as checks.

23. Adequacy of Control

Control was adequate and complied with project instructions. The following stations could not be held during bridging operations.

#1. Bridge, 1935 (S.S.A.) This premarked station was observed in all strips but could not be held in the adjustment of bridges #2 and #3 by 15 to 20 feet. The station held within six feet in Strip #1, but this error was still large for a premarked station. No reasons could be determined for this error. It is possible the target could have been disturbed before photography since the station was in an area easily accessible to the public.

9.

#2. Several office identified control stations were on the limits of standard map accuracy; however, due to the number of stations holding well within the limits, these stations were disregarded as having errors in office identification.

24. Supplemental Data

Local GS Quads were used for basic leveling during bridging operations.

25. Photography

Photography was adequate as to coverage, quality and definition.

Submitted by:

Paul Hawkins
Paul Hawkins

Approved by:

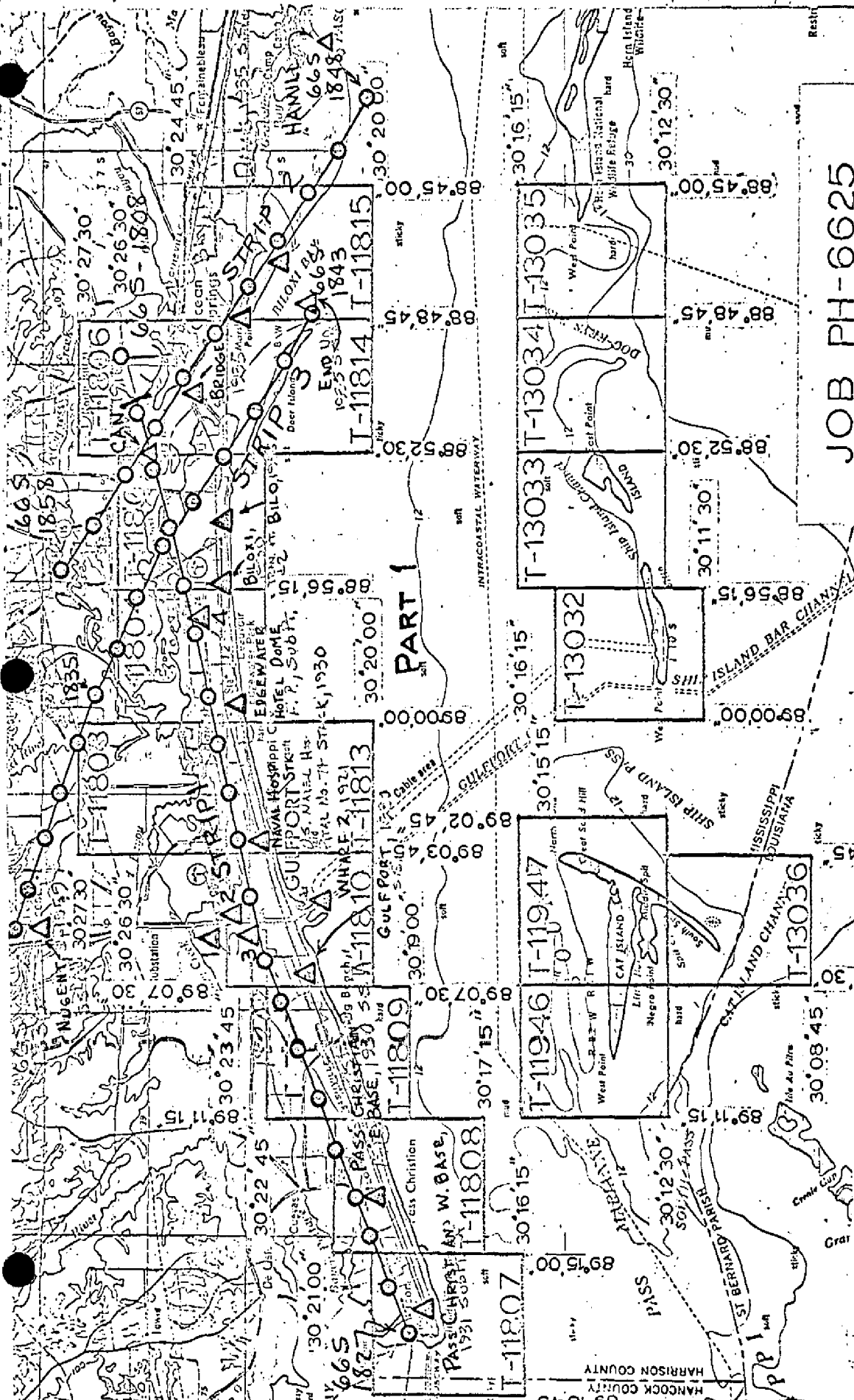
John D. Perrow Jr.
John D. Perrow, Jr.

NOTES TO COMPILER
Job PH-6625
Mississippi Sound, Mississippi

Part I

Attempts to extend Bridge #3 to include plate 66-S-1843 met with repeated, poor results due to the small land area available for clearing the stereomodel. This area must be compiled by graphic methods. Ratio prints (scale 1:10,000) for this area as well as the entire project will be provided to the Compilation Office.

Part II of this project will follow as soon as control is provided for the area.



JOB PH-6625
MISSISSIPPI SOUND
MISS.
SHORELINE MAPPING
1:10,000 SCALE

KEY TO NUMBERED STATIONS

- 1- DAVIS GULFPORT FERTILIZER TANK, 1930
- 2- PHILIPS MILK OF MAGNESIA TANK, 1958
- 3- WOLCOTT CAMPBELL COTTON MILL TANK, 1930
- 4- VETERAN'S HOME TANK, 1935

COAST AND GEODETIC SURVEY
CONTROL RECORD

MAP T-11807

PROJECT NO. PH-6625.

SCALE OF MAP.....1:10,000.

SCALE FACTORNone.

[illegible]

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

6 METER
v. A. C. Rauck, Jr.

DATE August 26, 1966

CHECKED BY: L. Neter

DATE August 26, 1966

COMM-DC-57843

Photogrammetric Plot Report submitted with T-1180

There was no field inspection.

32. CONTROL

33. SUPPLEMENTAL DATA

34. CONTOURS AND DRAINAGE

Drainage was delineated from office interpretation of the photographs.

Shallow limits and the low water lines were delineated from office interpretation of the photographs.

No statement.

Appropriate copies of Form 567 for Landmark and Aids to Navigation were forwarded to the Washington office under date **January 24, 1968.**

38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

Junction is in agreement with T-11807 to the east. There is no contemporary surveys to the north or west. Mississippi Sound is to the south.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with U. S. G. S. Quadrangle BAY ST. LOUIS, MISS., scale 1:24,000 dated 1956.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with chart No. 876-SC, scale 1:40,000, 1st edition dated February 26, 1966.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

R. E. Smith
R. E. Smith
Cartographer

Approved and forwarded:

For J. Bull

J. Bull, CAPT, USESSA
Director, Atlantic Marine Center

May 22, 1968

48: GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6625 (Mississippi Sound, Miss.)

T-11807

Bay Saint Louis Bridge

Henderson Point (Point)

Henderson Point (town)

Louisville and Nashville (RR)

Mallini Bayou

Mallini Point

Mississippi Sound

Pass Christian

Saint Louis Bay

Young Bayou

Approved by:

A. Joseph Wraight

A. Joseph Wraight
Chief Geographer

Prepared by:

Frank W. Pickett

Frank W. Pickett
Cartographic Technician

49. NOTES FOR THE HYDROGRAPHER

Shallow areas shown were from office interpretation of the photographs and are shown as an aid for the hydrographer. Their existance and extent should be verified.

The poles supporting the overhead cable along the north side of the railroad bridge were displaced so that they could be shown. These should not be used as hydro signals.

Refer to notes on the field edit ozalid.

PHOTOGRAMMETRIC OFFICE REVIEW

TX0363 T-11807

1. PROJECTION AND GRIDS RES	2. TITLE RES	3. MANUSCRIPT NUMBERS RES	4. MANUSCRIPT SIZE RES
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY RES	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) XX		7. PHOTO HYDRO STATIONS XX
8. BENCH MARKS XX	9. PLOTTING OF SEXTANT FIXES XX	10. PHOTOGRAMMETRIC PLOT REPORT RES	11. DETAIL POINTS Kelsh
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE RES	13. LOW-WATER LINE RES	14. ROCKS, SHOALS, ETC. RES	15. BRIDGES RES
16. AIDS TO NAVIGATION RES	17. LANDMARKS RES	18. OTHER ALONGSHORE PHYSICAL FEATURES RES	19. OTHER ALONGSHORE CULTURAL FEATURES RES
PHYSICAL FEATURES			
20. WATER FEATURES RES	21. NATURAL GROUND COVER RES		22. PLANETABLE CONTOURS XX
23. STEREOSCOPIC INSTRUMENT CONTOURS XX	24. CONTOURS IN GENERAL XX	25. SPOT ELEVATIONS XX	26. OTHER PHYSICAL FEATURES RES
CULTURAL FEATURES			
27. ROADS RES	28. BUILDINGS RES	29. RAILROADS RES	30. OTHER CULTURAL FEATURES RES
BOUNDARIES			
31. BOUNDARY LINES XX		32. PUBLIC LAND LINES XX	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES RES	34. JUNCTIONS RES		35. LEGIBILITY OF THE MANUSCRIPT RES
36. DISCREPANCY OVERLAY XX	37. DESCRIPTIVE REPORT RES	38. FIELD INSPECTION PHOTOGRAPHS XX	39. FORMS RES
40. REVIEWER RES <i>P.E. Smith</i>		SUPERVISOR, REVIEW SECTION OR UNIT ACR <i>Albert C. Rauch Jr.</i>	
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 ALS <i>Arnold L. Schand</i>		SUPERVISOR ACR <i>Albert C. Rauch Jr.</i>	
43. REMARKS Field Edit applied from the Field Edit Cronaflex print, and the Field Edit Ozalid.			

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

Atlantic Marine Center January 24, 1968

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

The positions given have been checked after listing by

A. L. Shands

J. Bull, RADM, USESSA

Director, AIC

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

STRIKE OUT TWO

Atlantic Marine Center
January 17, 19 68

I recommend that the following objects which have ~~(14/44/704)~~ been inspected from seaward to determine their value as landmarks be ~~examined by Stb (deleted from)~~ the charts indicated.

The positions given have been checked after listing by Arnold L. Shands
A. L. Shands

J. Bull, RADM, USESA
Director. AMC

Chiefly Party.

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS

FIELD EDIT REPORT

SHEET T-11807

JOB PH-6625

NOVEMBER 1967

Photo Party 61

William R. Cameron

ENS - USESSA

51 Methods

All field edit work was done in accordance with project instructions and photo instructions. Certain shoreline and offshore features were located by planetable methods.

An inspection of alongshore features such as piers, groins, jetties, etc. was made and all additions and corrections are shown on the Field Edit Cronaflex.

All landmarks and fixed aids to navigation were located or verified and a Form 567 was submitted.

All field edit notes concerning this manuscript are shown on the field edit ozalid. This ozalid is an index and inventory of all corrections, additions, and deletions to be applied to the map manuscript.

52 Adequacy of Compilation

Compilation of this manuscript was adequate and complete considering there was no field inspection of the area prior to compilation.

54 Recommendations

None.

56 Additional Information

The new railroad bridge across St. Louis Bay has been completed and the old bridge has been removed. All power and telephone lines are now on the bridge and are submerged at the swing span. As-built drawings of the bridge are a part of the field edit of this sheet and should be helpful in delineating the actual configuration of the bridge.

REVIEW REPORT T-11807
SHORELINE
SEPTEMBER 1968

61. GENERAL STATEMENT:

See Summary on Page 6 of this Descriptive Report.

An ozalid Comparison Print (pages 25 through 28), which shows the differences noted in Items 62, 64, and 65, is included with the original copy of this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

T-9379 (North and South halves); 1:10,000; Field Edit.
Aug. 1956.

The Comparison Print shows the T-9379 differences in blue.

(a) The old railroad bridge and the cable on towers north of it, at the entrance to Bay St. Louis (page 26) are gone; replaced by a new bridge about 15 meters south, with the communication cables now on the bridge, but submerged at the swing span. The new swing span is about 225 meters west of the swing span of the old bridge, and is directly south of the span opening of the highway bridge to the north.

(b) Some shoreline differences of up to 45 meters are visible on the beach, which is artificially maintained.

(c) Some changes have been made at the entrance to Mallini Bayon, latitude $30^{\circ} 19.9'$, longitude $89^{\circ} 17.2'$ (page 25).

(d) T-9379 shows "piling" at latitude $30^{\circ} 18.3'$, longitude $89^{\circ} 16.14'$, a pile at latitude $30^{\circ} 18.32'$, longitude $89^{\circ} 15.72'$; and two piles, one 160 meters ENE, and another about 600 meters ENE (page 28). These are not on T-11807, they are not visible on the photographs, and were not noted by the field editor.

(e) The field editor could not find the shore end of the submerged gas line near latitude $30^{\circ} 18.74'$, longitude $89^{\circ} 17.44'$ (page 27) that is on T-9379, consequently it is not on this map.

(f) T-11807 gives height and elevation of the landmark near latitude $30^{\circ} 18.54'$, longitude $89^{\circ} 17.6$ (page 26), as 130(135) whereas T-9379 gives it as 133(137).

T-11807 supersedes the previously registered surveys for nautical chart construction.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

BAY ST. LOUIS, MISS. quad. U.S.G.S.; 1:24,000; Field Check 1956.

The quadrangle is a reduction of Registered Survey T-9379, and the same differences apply, see Item 62.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

Boat Sheet H-8970 (HFP 742 10-1-68); 1:10,000; 1968.

The western limits of the boat sheet are near longitude $89^{\circ} 16.4'$, and no contemporary hydrographic survey is available west of H-8970.

The boat sheet differences with T-11807 are on the Comparison Print in green.

(a) A pier, near latitude $30^{\circ} 18.5'$, longitude $89^{\circ} 15.6'$ (page 28) is shown on the boat sheet as being extended about 100 meters further into Mississippi Sound since the field editor showed the old "pier in ruins" as rebuilt in November 1967.

(b) Two submerged cribs are now on T-11807, one near latitude $30^{\circ} 18.27'$, longitude $89^{\circ} 16.3'$ (page 27), the other near latitude $30^{\circ} 18.43'$, longitude $89^{\circ} 15.8'$ (page 28). These were not on the compilation furnished the hydrographer or the field editor, and they were not noted by them, but they are visible on photographs 66-S-1873 and 1874.

(c) A pile near latitude $30^{\circ} 18.49'$, longitude $89^{\circ} 15.17'$ was on the compilation furnished the hydrographer and the field editor; the field editor indicates it is now gone

NOTES TO REVIEWER
T-11807, PH-6625
BOAT SHEET H-8970 (HFP 742 10-1-68)

Please note Items 62, 64, and 65 of Descriptive Report.

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and a new pile is positioned about 20 meters to the northwest (page 28). The boat sheet does not show this change.

65. COMPARISON WITH NAUTICAL CHARTS:

CHART 876 SC; 1:40,000; January 1968, revised to Notice to Mariners #41 of October 14, 1967.

The chart differences are on the Comparison print in red.

Registered Survey T-9379 is apparently the source of the planimetry for the chart with the exception of Mallini Bayou and the entrance to Mallini Bayou; and the same differences exist, see Item 62. (page 28)

The chart shows a submerged wreck "PA" near 30° 17.4', 89° 15.6' (page 26) that is not visible on the photographs, and the field editor noted was "not visible at low water".

The buildings near latitude 39° 18.5', longitude 89° 17.6' (page 28) are retained on T-11807 for charting purposes in accordance with the field editors note on the field edit ozalid.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This survey complies with the job instructions, Bureau requirements, and the National Standards for Map Accuracy. No accuracy tests were run in the field.

Approved by:

Submitted by:

For *AP Stark*
Allen L. Powell, RADM USESSA
Director, Atlantic Marine Center

M. M. Slavney
M. M. Slavney

Approved by:

Charles H. H. H.
Chief, Photogrammetric Branch *ASB*

R. L. Houlter
Chief, Photogrammetry Division

Chief, Nautical Chart Division

x=355,000 FT.

17'30"

17'00"

x=360,000 FT.

66-S-1865

Mallini Point

Mallini Bayou

shoal

Prs.
Pier ruins
Piling
Pier ruins
Pile
Pier ruins
Piling
Piers
grains
Piling
grain
grain
grain
grain
grain
Pier ruins
Pier

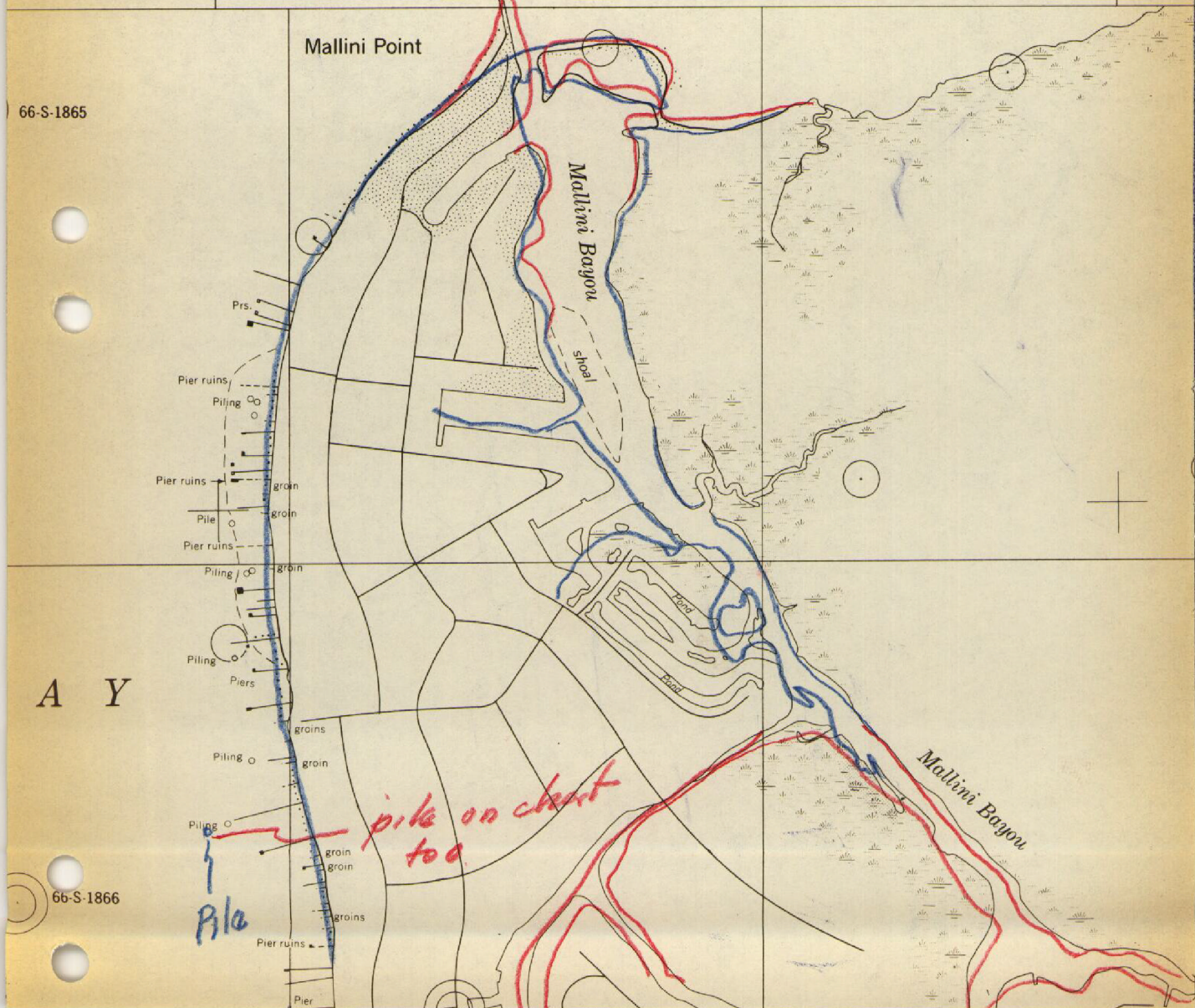
A Y

66-S-1866

Pile

pile on chart too

Mallini Bayou



30° 19' 00"

BAY ST. LOUIS BRIDGE (TOLL)

Sub m. Piles

Old Bridge on T. 9379 = 876 SC

Poles for tel. : tp

133(137)

SWING BRIDGE
Ovhd comm. cable
(subm at draw)

PASS CHRISTIAN INN
BY THE SEA TANK 1931
Steel ht. = 130 (135)

foul area

66-S-1867

Chart 874 position of
"Bridge under construction"

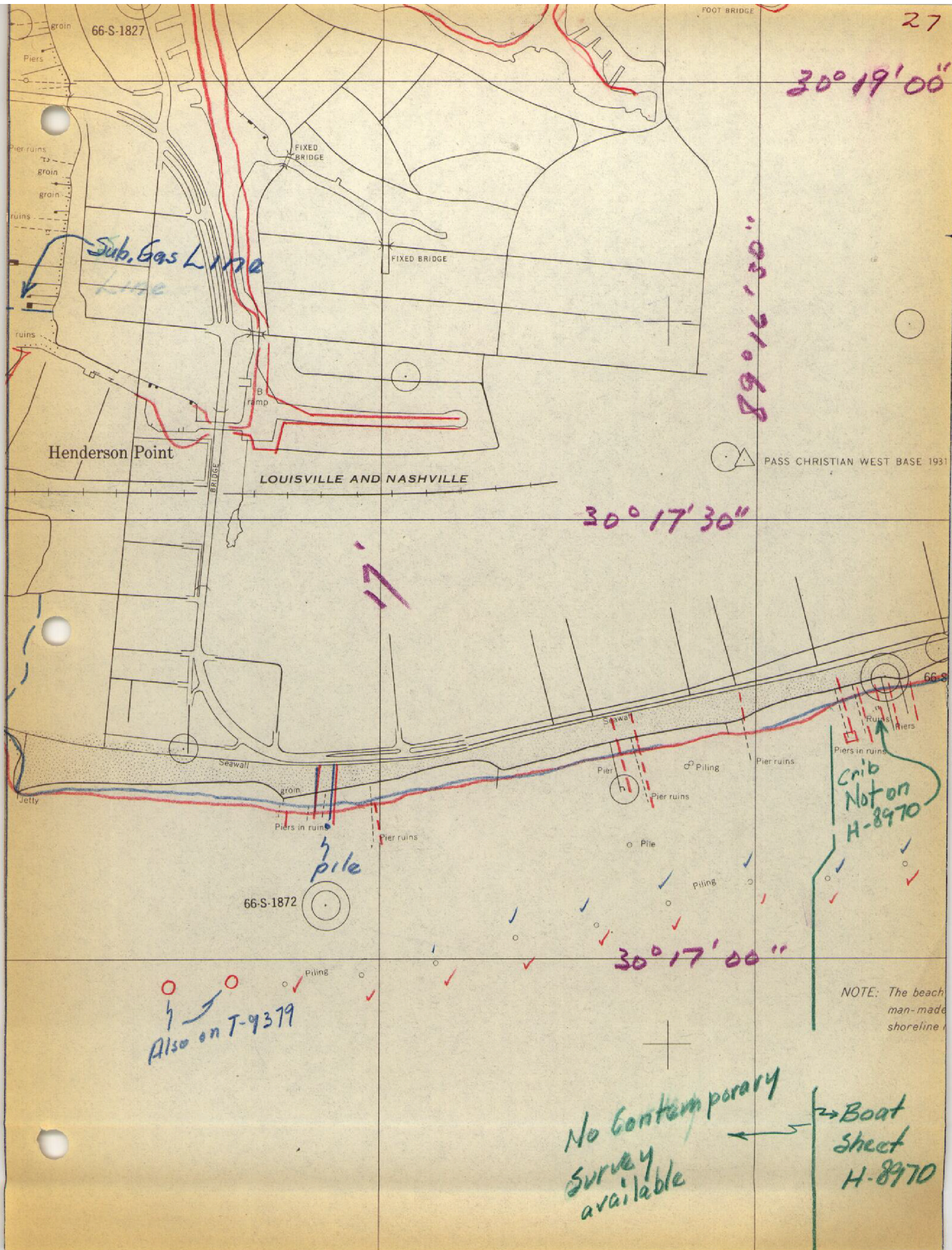
Henderson Point

18' 30"

89° 18' 00"

30° 18' 00"

grain
grain
Pier ruins
Obstr Pile
Piling
grain
Pile
Pier



28.

Spoil

18' 30"

not on H-8970

On H-8970, from
Incomplete Manuscript
Jan. 1966 photos.
Now gone, a new
pile to northwest
by field editor.

On H-8970,
Apparently added
to the pier the
field editor indicated
had been repaired,
but had not noted
its extension

 $30^{\circ} 18' 00''$

Hydro done subsequent
Field Edit

-Subm wreck PA
"Wreck not visible at Low water"
17'30" by field editor

facing Mississippi Sound is
and maintained and its
is subject to frequent change.

89° 16' 00"

89° 15' 30"