

11814

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Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	Shoreline (Photogrammetric)
Field No.	Office No. T-11814
LOCALITY	
State	Mississippi
General locality	Mississippi Sound
Locality	Deer Island
1966 - 1967	
CHIEF OF PARTY	
J. Bull, Director, Atlantic Marine Center	
LIBRARY & ARCHIVES	
DATE	

USCOMM-DC 5087

11814

DESCRIPTIVE REPORT - DATA RECORD

T -11814

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*
*" Suppl. #1: Mar. 11, 1966**April 27, 1966 (Office)**Field - Photo Hydro. Edit; Sept. 27, 1967**Aerotriangulation: March 1, 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):

Biloxi Channel Beacon No. 36 1935 ✓

LAT.:

LONG.:

30° 23' 10.569" (325.5m) ✓ 88° 50' 55.867" (1491.5m) ✓

☒ ADJUSTED☐ UNADJUSTED

PLANE COORDINATES (IV):

STATE

ZONE

261,692.61 Ft. ✓ x = 495,106.73 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
T-11814

FIELD INSPECTION BY (II): 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 5/2/66
PROJECTION AND GRIDS CHECKED BY (IV): R. Glaser		DATE 5/3/66
CONTROL PLOTTED BY (III): J. Place		DATE 7/6/66
CONTROL CHECKED BY (III): L. Graves		DATE 7/6/66
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): P. Hawkins (WSC)		DATE No Date
STEREOSCOPIC INSTRUMENT COMPILATION (III): Kelsh	PLANIMETRY B. Barge	DATE 8/17/66
	CONTOURS Inapplicable	DATE
MANUSCRIPT DELINEATED BY (III): B. Barge		DATE 10/13/66
SCRIBING BY (III): B. Barge		DATE 6/16/67
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): R. E. Smith (Compilation)		DATE 8/16/67 10/17/66
REMARKS: Field Edit by W.R. Cameron in Jan. 1967		

DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

"S" Camera

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	X STAGE OF TIDE
66-S-1840 thru 1842	Jan. 27, 1966	09:15	1:30,000	0.0 <i>M.L.W.</i>
66-S-1914 thru 1916	"	10:00	1:15,000	0.0 "
66-S-1923 thru 1924	"	10:05	1:15,000	0.0 "
66-S-1940 thru 1943	"	10:20	1:15,000	0.0 "

~~X~~ Predicted

TIDE (III)

Diurnal

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: Pensacola, Florida		1.3	
COORDINATE STATION: Biloxi, Biloxi Bay, Mississippi		1.8	
SUBORDINATE STATION:			

Atlantic Marine Center

WASHINGTON OFFICE REVIEW BY (IV):

M. M. Slattery

DATE:

Nov. 1968

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):

RECOVERED:

IDENTIFIED:

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

RECOVERED:

IDENTIFIED

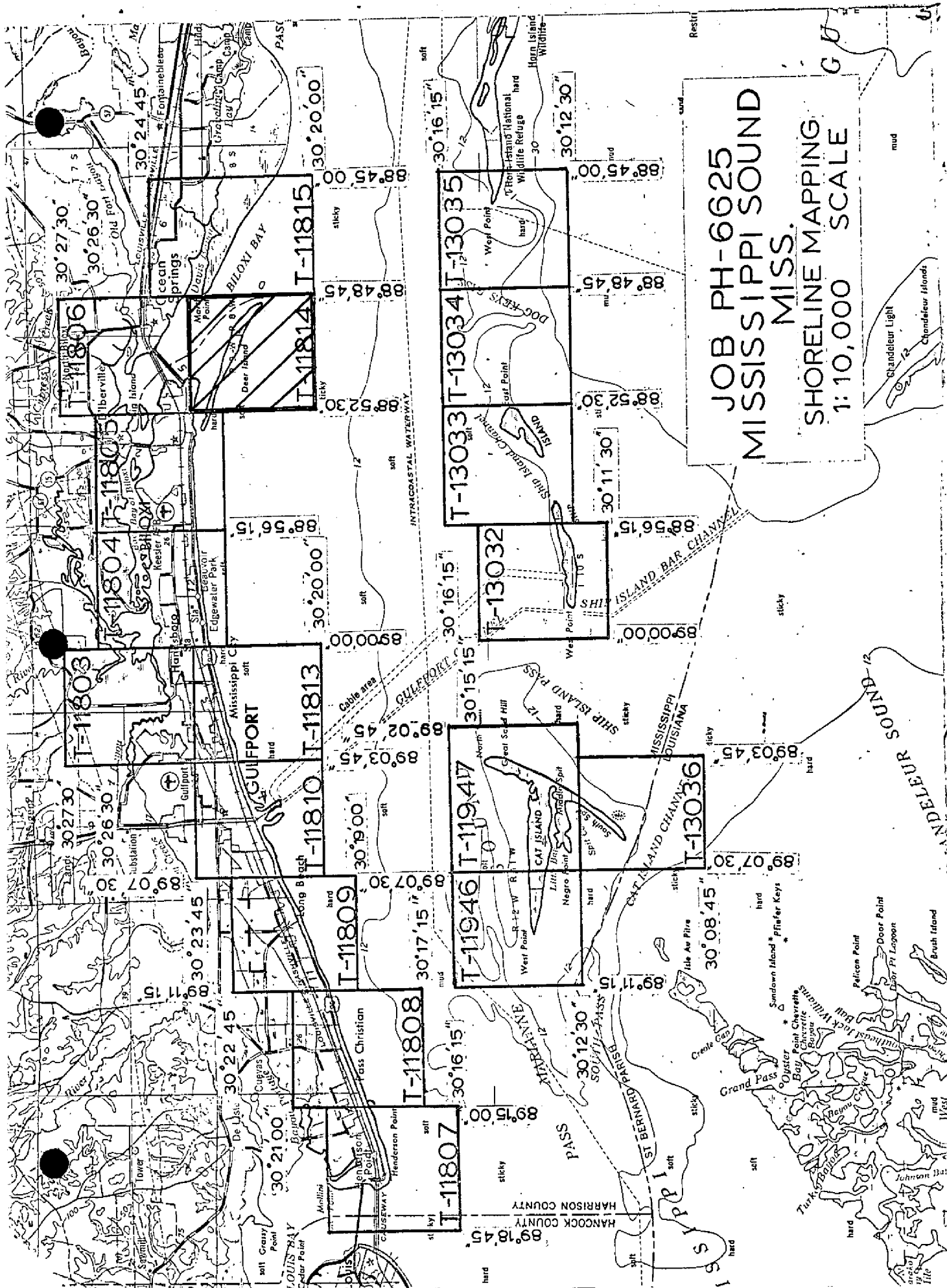
NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):

REMARKS: *** Biloxi Chan. Lt. 36 ft triang. pos. of Biloxi Chan. BA 36, 1935*

T-11814

COMPILATION RECORD	COMPLETION DATE	REMARKS
Alongshore Area for Hydro	October 1966	Superseded
Field Edit applied Manuscript Complete	June, 1967	<i>Superseded</i>
<i>Final Review</i>	<i>Nov. 1968</i>	



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

6.

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-11814

Shoreline manuscript T-11814 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-11814 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 Jan. 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 ~~was~~ ^{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 January 1967. Field edit was done on an ozalid, a cronaflex, and on various photographs. The map was scribed and stuck-up after applying the field edit.

Final review was done at the Atlantic Marine Center during ~~November~~ 1968. Please note paragraph 2 of Item 61 of the Final Review Report.

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.

T-11814

FIELD INSPECTION REPORT

There was no field inspection prior to compilation.

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:

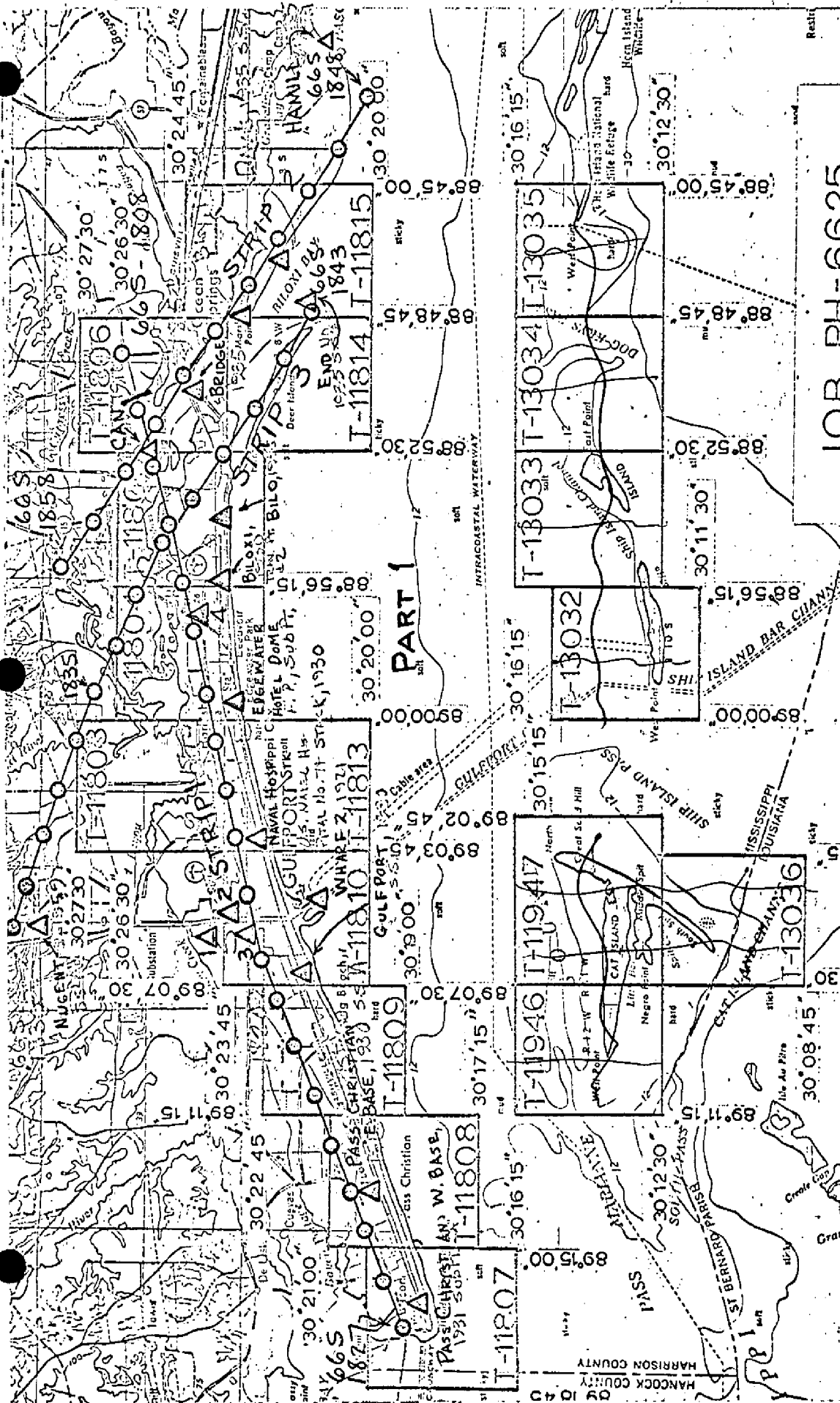
John D. Perrow Jr.
John D. Perrow, Jr.

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- VETERANS HOME TANK, 1935

MAP T-11814	PROJECT NO. PH-6625	SCALE OF MAP 1:10,000	SCALE FACTOR None
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[illegible]

1 FT. = .3048006 METER	DATE August 22, 1966	CHECKED BY: A. Santillan	DATE August 22, 1966
COMPUTED BY: A. C. Rauck, Jr.			

COMPILATION REPORT
T-11814

The Photogrammetric Plot Report has been submitted with T-11803.

31. DELINEATION

The Kelsh plotter was used. Files shown were located graphically from the ratioed photographs.

There was no field inspection.

The photography was adequate.

32. CONTROL

See Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

Drainage was delineated from office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS

Shallow areas, shoals, and the low water line were delineated from office interpretation of the photographs.

36. OFFSHORE DETAILS

No statement.

37. LANDMARKS AND AIDS

Appropriate copies of Form 567 for Landmarks and Aids to Navigation were forwarded under date **June 1967.**

38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

Junctions are in agreement with T-11805 to the west, T-11806 to the north, and T-11815 to the east. Mississippi Sound is to the south.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

Comparisons have been made with U.S.G.S. Quadrangles Ocean Springs, Mississippi, scale 1:24,000, date 1954; and Deer Island, Mississippi, scale 1:24,000, date 1954.

47. COMPARISON WITH NAUTICAL CHARTS

Comparisons were made with Chart No. 876-SC FIRST EDITION 1966, scale 1:40,000, revised February 26, 1966 and 1267, scale 1:80,000 11th Edition, January 31, 1966.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

B. L. Barge
B. L. Barge
Cartographic Aid

Approved & Forwarded:

For P. A. Stark

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

May 22, 1968

48: GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6625 (Mississippi Sound, Miss.)

T-11814

Biloxi

Biloxi Bay

Deer Island

Mississippi Sound

Approved by:

A. Joseph Wraight
A. Joseph Wraight
Chief Geographer

Prepared by:

Frank W. Pickett
Frank W. Pickett
Cartographic Technician

T-11814

49. NOTES FOR THE HYDROGRAPHER

Shallow areas, shoals, spoil areas, and the low water line were delineated from office interpretation of the photographs. If they do not exist or are delineated incorrect, this should be noted on the Field Edit Ozalid.

Refer to notes on the Field Edit Ozalid.

PHOTOGRAMMETRIC OFFICE REVIEW

T. 10833 11814

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) RES		7. PHOTO HYDRO STATIONS XX
8. BENCH MARKS XX	9. PLOTTING OF SEXTANT FIXES XX	10. PHOTOGRAMMETRIC PLOT REPORT Bridge (WSC)	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 XX	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. Rarick, 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 <i>B. L. Barge</i>		SUPERVISOR <i>Albert C. Rarick, Jr.</i>	
43. REMARKS Field edit was applied from the field edit ozalid, the chronaflex copy of the original manuscript, and field photos. Nos. 66-S-1841 and 66-S-1842.			

FIELD EDIT REPORT

SHEET T-11814

JOB PH-6625

JANUARY 1967

Respectfully

William R. Cameron

William R. Cameron

ENS, USESSA

Chief, Photo Party 61

51 Methods

All field edit work was done in accordance with project instructions and photo instructions. Certain shoreline and offshore features were located by radial-plot methods and are shown on a cronaflex positive of the manuscript.

An inspection of alongshore features such as marsh areas, piers, pier ruins, etc. was made. Additions and corrections are shown on field ratio prints. Measurements from photo points to the MHWL were made and recorded on the field ratio prints.

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

All field edit notes were made in violet ink on the field ratio prints. Each correction or group of corrections was cross-referenced by appropriate photograph numbers on the field edit ozalid. This ozalid is an index and inventory of all corrections to be applied to the map manuscript.

52 Adequacy of Compilation

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

54 Recommendations

None.

56 Additional Information

Field edit information concerning this manuscript appears on the following field ratio prints:

66S 1841
66S 1842.

Spoil areas in the vicinity of Point ~~Gadet~~ ^{Caddie (ONT-11806)} are subject to considerable change at the time of this report due to a dredging project in that area.

A pile marking a submerged rock was located on the south side of Deer Island by sextant fix. The fix is shown on a cronaflex positive of the manuscript.

The note to verify shallow areas on the field edit ozalid is not applicable.

NONFLOATING AIDS ~~CHARTED~~ MARKS FOR CHARTSTO BE CHARTED
~~1036-10350~~
~~1036-10350~~ } STRIKE OUT TWO

Atlantic Marine Center June 3 19 67

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

The positions given have been checked after listing by B. L. Barge

J. Bull, RADN, USESSA

Director, AMC.

Chief of Party.

STATE	CHARTING NAME	MISSISSIPPI	DESCRIPTION	SIGNAL NAME	POSITION						METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION <i>ep. 1966</i>	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
					LATITUDE*		LONGITUDE*		DATUM							
					° ' "	D.M. METERS	° ' "	D.P. METERS								
LIGHT		MISSISSIPPI SOUND			30 22	57.74 1778	88.48	57.64 1539	N.A. 1927	Photo. T-11814	Jan. 1966	X			1267 876-SC	
LIGHT		Biloxi East Channel Light 26			30 23	37.87 1166	88.49	47.72 1274	N.A. 1927	Photo. T-11814	Jan. 1966	X			1267 876-SC	
LIGHT		Biloxi Channel Light 23			30 23	21.86 673	88 52	14.05 375	N.A. 1927	Photo. T-11814	Jan. 1966	X			1267 876-SC	
LIGHT		Biloxi Channel Light 31			30 23	16.47 507	88 51	22.59 603.2	N.A. 1927	Theod. T-11814	3/15/67	X			1267 876-SC	
LIGHT		Biloxi Channel Light 36 (BILLOXI CHANNEL BEACON No.36 1935)			30 23	10.569 325.5	88 50	55.867 1491.5	N.A. 1927	Triang. T-11814	Jan 1966	X			1267 876-SC	
LIGHT		Biloxi Channel Light 42			30 23	23.48 723	88 50	21.46 573	N.A. 1927	Photo. T-11814	Jan. 1966	X			1267 876-SC	

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

NONFLOATING AIDS ORLANDIANKS FOR CHARTS

STRIKE OUT TWO

Atlantic Marine Center June 3, 1967

1967

TOBEN GRAPED
TOBEN REUSE
TOBEN REUSE

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

The positions given have been checked after listing by

B. L. Barge

J. BULL, RADM, USESA
Director. AMC

Chief of Party.

[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 *nonflying 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

REVIEW REPORT T-11814
SHORELINE
NOVEMBER 1968

61. GENERAL STATEMENT:

See Summary on page 6 of this Descriptive Report.

The delineation of some of the "spoil areas" as islands, bare at high water, was questionable, and the photo-hydro support unit was asked to check this when they returned to the area in the fall of 1968. The 1967 field edit ozalid and this map now reflect the photo-hydro party observations.

An ozalid Comparison Print (pages 26 through 29), 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:

Registered Survey T-9378 S/2; 1:10,000; Field edit, Sept. 1954. Registered Survey T-9382 N/2; 1:10,000; Field edit, April 1954.

The registered survey differences with T-11814 are on the Comparison Print in blue. Most of the changes appear to be caused by construction, dredging, etc.; with some relatively minor erosion changes on the north shore and eastern tip of Deer Island.

(1) Biloxi Channel Lights 23 and 31 (page 26) are about 10 meters northwest and south, respectively of their T-9378 positions.

(2) Only one of "spoil" islands and only a few of the offshore piling on this map were shown on the previously registered surveys.

(3) There is a new highway bridge from Biloxi northeast across Biloxi Bay.

(4) The "pile marking submerged rock" near $30^{\circ} 22.56'$ and $88^{\circ} 52.24'$ (page 26) was not on T-9378.

(5) The T-9378 height and elevation of the "Stack 1967" at $30^{\circ} 23.4'$, $88^{\circ} 51.57'$ (page 26) on T-9378 is given as 62 (64) whereas it is 61 (65) on this survey.

This map supersedes the previously registered surveys for nautical chart construction.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

OCEAN SPRINGS, MISS.; U.S.G.S. quad.; 1:24,000; Field Check 1954. DEER ISLAND, MISS.; U.S.G.S. quad.; 1:24,000; Field Check 1954.

The quadrangles are reductions of Registered Surveys T-9378 and T-9382, and the same differences exist with T-11814; see Item 62.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

H-8922 (HFP-742 10-2-66); 1:10,000; 1966.
H-8924 (HFP-742 20-2-66); 1:20,000; 1966.

The boat sheet differences with T-11814 are shown on the Comparison Print in green.

(1) The boat sheet position of the "Stack" near $30^{\circ} 23.4'$, $88^{\circ} 51.57'$ (page 26) is about 10 meters northwest of "Stack 1967" on T-11814. The boat sheet position is from the Incomplete Manuscript which was furnished for hydrography, and the field editor states that the "Stack" located by the compiler from office identification on the Incomplete Manuscript, was actually "a ventilator on a building west of the landmark". The final position of the "stack" on T-11814 is from the field editor's identification.

(2) The boat sheet omits the piling around the pier near $30^{\circ} 23.5'$, $88^{\circ} 52.3'$ (page 26). This may well have been done to avoid congestion of details with soundings.

(3) The boat sheet omits the wreck near the pier ruins at $30^{\circ} 23.1'$, $88^{\circ} 52.2'$ (page 26), possibly to avoid congestion.

(4) The boat sheet shows a "0" sounding at $30^{\circ} 23.22'$, $88^{\circ} 52.58'$ (page 26) whereas T-11814 shows a "spoil" area about 30 meters west of this position.

(5) The "pile" on the boat sheet near $30^{\circ} 22.56'$, $88^{\circ} 52.24'$ (page 26), is noted in the Hydro Report as "marks a pile of rocks". Our field edit labelled it as a pile marking a submerged rock.

65. COMPARISON WITH NAUTICAL CHARTS:

Chart 876 SC; 1:40,000; Jan. 1968, corrected to Notice to Mariners #41 of Oct. 14, 1967.

The chart differences with T-11814 are on the Comparison Print in red.

(1) The shoreline differences in Biloxi (page) are from construction and the artificially maintained beach.

(2) BILOXI CHANNEL CADET POINT WHARF LIGHT, on the chart near $30^{\circ} 23.37'$, $88^{\circ} 51.47'$ (page 26) was noted "gone" on the field edit ozalid. A form 567 for Deletion was submitted by the field editor dated March 1967, and by the A.M.C. in June 1967.

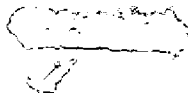
(3) The "pile marking submerged rock" near $30^{\circ} 22.56'$ and $88^{\circ} 52.24'$ (page 26), is not on the chart. It was corroborated by the hydrographic party, see paragraph (5), Item 64.

(4) The "wreck" on the chart near $30^{\circ} 21.0'$, $88^{\circ} 50.0'$ (page 29) is not visible on the photographs, and the

report for Boat Sheet H-8924 states "refloated and removed according to local fishermen, sounded, etc., no sign of wreck".

(5) There are some shoreline changes on Deer Island, and the narrow island east of Deer Island no longer extends into this map from T-11815, (page 29).

(6) The chart scale precludes showing many of the individual piling near shore; those that might be shown are noted on the Comparison Print, pages and .



66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

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

Approved by:

Submitted by:

For *P. L. Stark*

M. M. Slavney
M. M. Slavney

Allen L. Powell, RADM USESSA
Director, Atlantic Marine Center

Approved by:

Charles L. Hannon
Chief, Photogrammetric Branch *JP*

R. H. Houtz
Chief, Photogrammetry Division

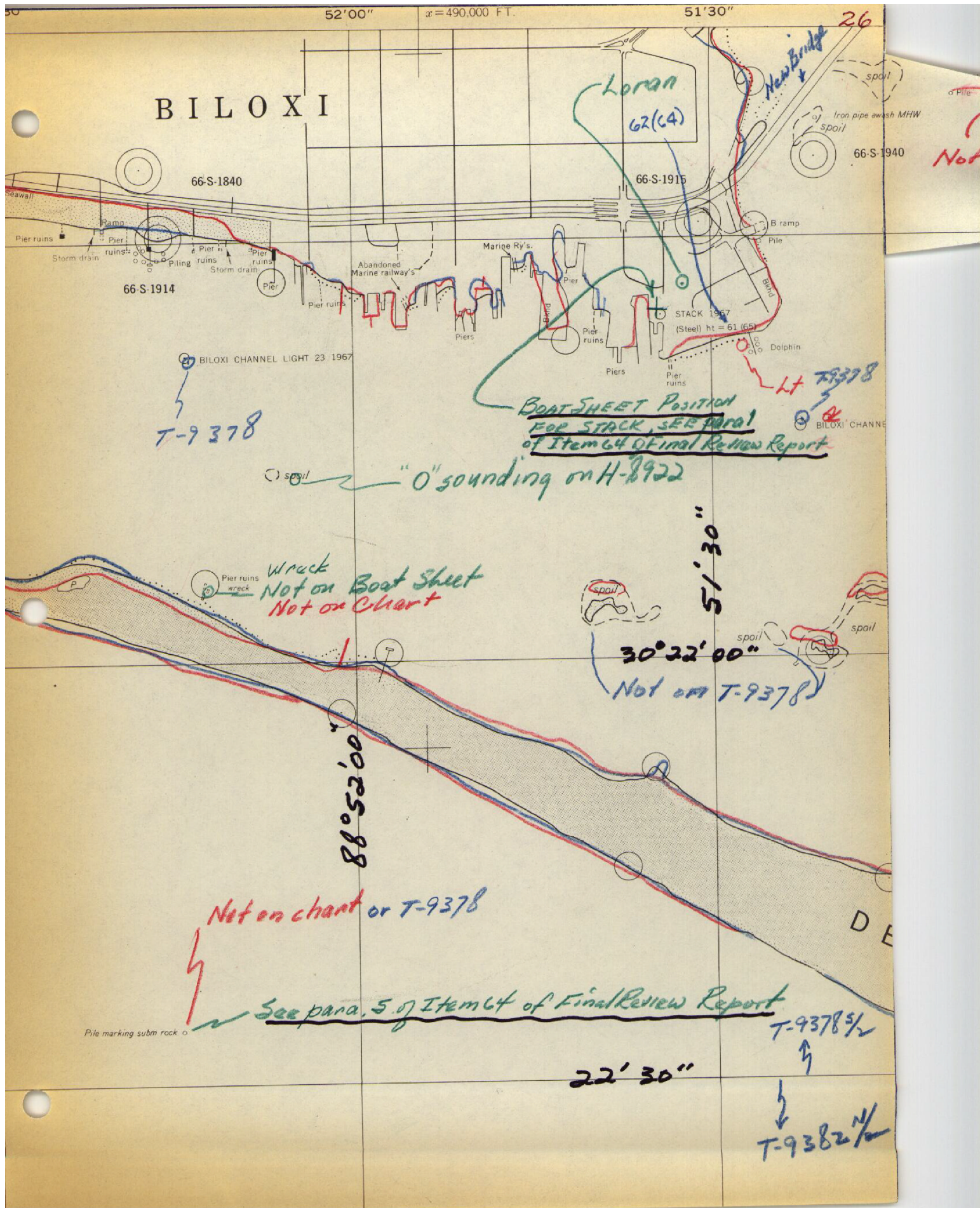
Chief, Nautical Chart Division

NOTES TO REVIEWER

T-11814, PH-6625

BOAT SHEETS: H-8922 (HFP 742 10-2-66) and H-8924 (HFP 742 20-2-66)

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



BILOXI

66-S-1840

Loran
62(64)

66-S-1915

66-S-1940

66-S-1914

BILOXI CHANNEL LIGHT 23 1967

T-9378

Boat Sheet Position
For Stack, see para 1
of Item 64 of Final Review Report

"0" sounding on H-8922

Wreck
Not on Boat Sheet
Not on Chart

30°22'00"

Not on T-9378

88°52'00"

Not on chart or T-9378

See para. 5 of Item 64 of Final Review Report

Pile marking subm rock o

22' 30"

51' 30"

T-9378 1/2

T-9382 1/4

Not

27

LIGHT 1967

88° 51' 00"

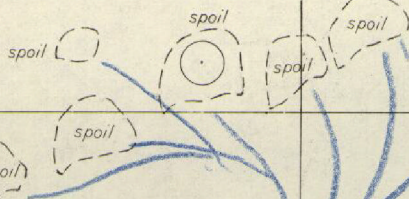
50' 30"



66-S-1941

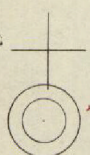


BILOXI CHANNEL LIGHT 36
(BILOXI CHANNEL BEACON NO. 36, 1935)



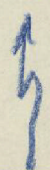
30° 23' 00"

Not on T-9378



66-S-1841

T-9378 5/2



22' 30"

T-9382 1/2



ER ISLAND

Ditches

Pond

Grand Bayou



66-S-1924

SK

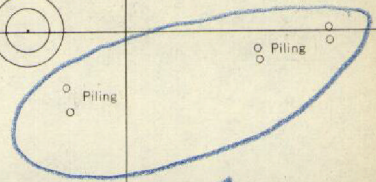


BILOXI EAST CHANNEL LIGHT 26 1967

Boat Shunt Position

66-S-1923

23'30"



Not on T-9378
Not on Chart

B

I

I

O

X

I

spoil

66-S-1942

88°49'30"

30°23'00"

49'0"

SK

BILOXI EAST CHANNEL
LIGHT 22 1967

B

T-9378 5/2

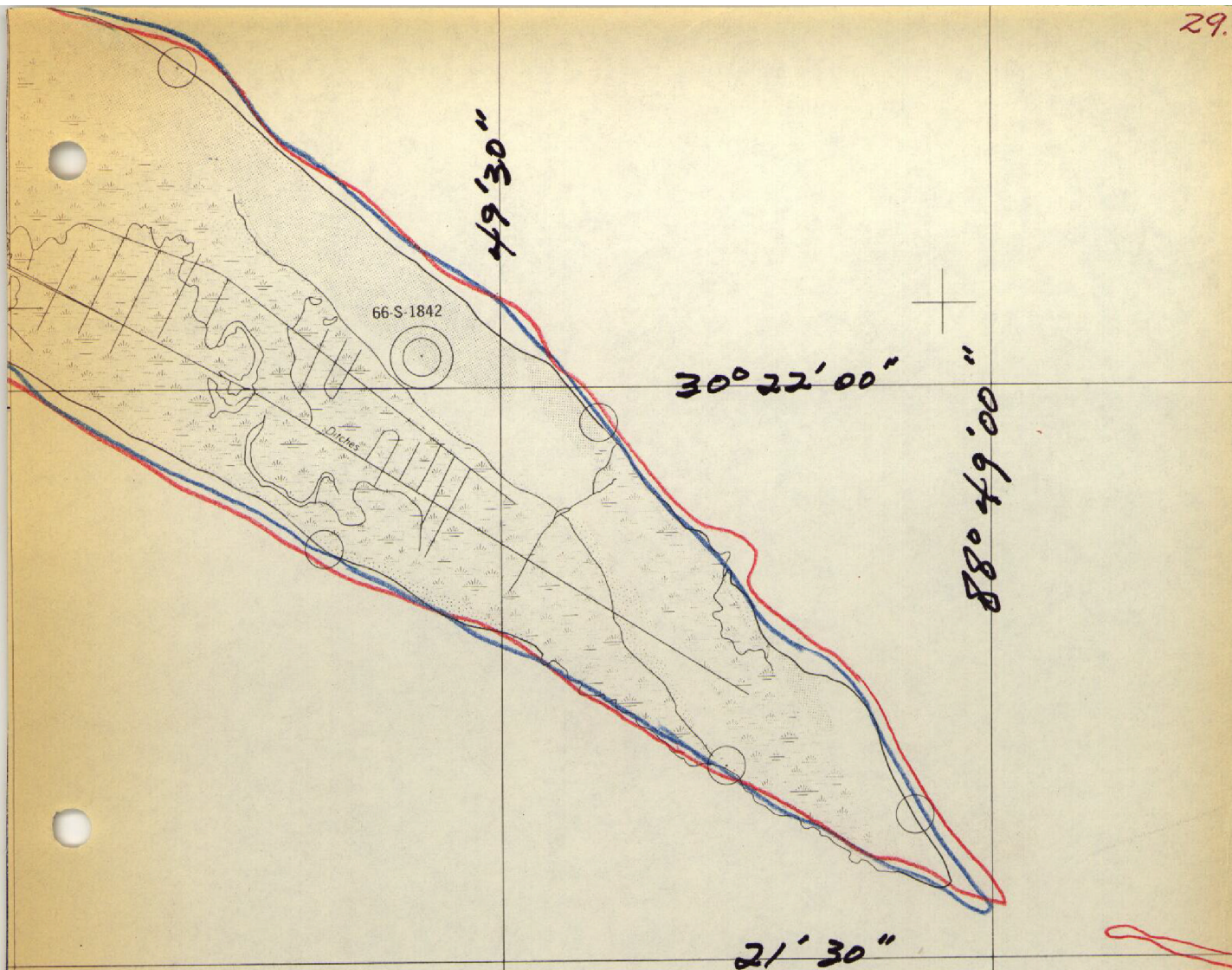


66-S-1943

A

22'30"

T-9382 1/2



D

*Wreck on Chart**See para. 4 Item 65 of Final Review Report.*