

9658

original

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-89	Office No. T-9658
LOCALITY	
State	LOUISIANA
General locality	MISSISSIPPI SOUND
Locality	THREE MILE PASS
1955	
CHIEF OF PARTY	
P. L. Bernstein, Chief of Field Party	
H. C. Applequist, Tampa Photo Office	
LIBRARY & ARCHIVES	
JUN 1 1956	
DATE	

B-1670-1 (1)

9658

DESCRIPTIVE REPORT - DATA RECORD

T-9658

Project No. (II): Ph-89(52)

Quadrangle Name (IV): THREE MILE BAY

Field Office (II): New Orleans, La.

Chief of Party: P. L. Bernstein

Photogrammetric Office (III): Tampa Florida

Officer-in-Charge: H. C. Applequist

Instructions dated (II) (III): 11 April 1952

Copy filed in Division of
Photogrammetry (IV)

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:20,000

Stereoscopic Plotting Instrument Scale (III): Inapplicable

Scale Factor (III): None

Date received in Washington Office (IV): 5-7-56 Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV): 26 Feb 1958

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): JOHN, 1934

Lat.: 30°03'54."065(1664.8 m)

Long.: 89°19'23."245(622.6 m)

Adjusted
~~Unadjusted~~

Plane Coordinates (IV):

State:

Zone:

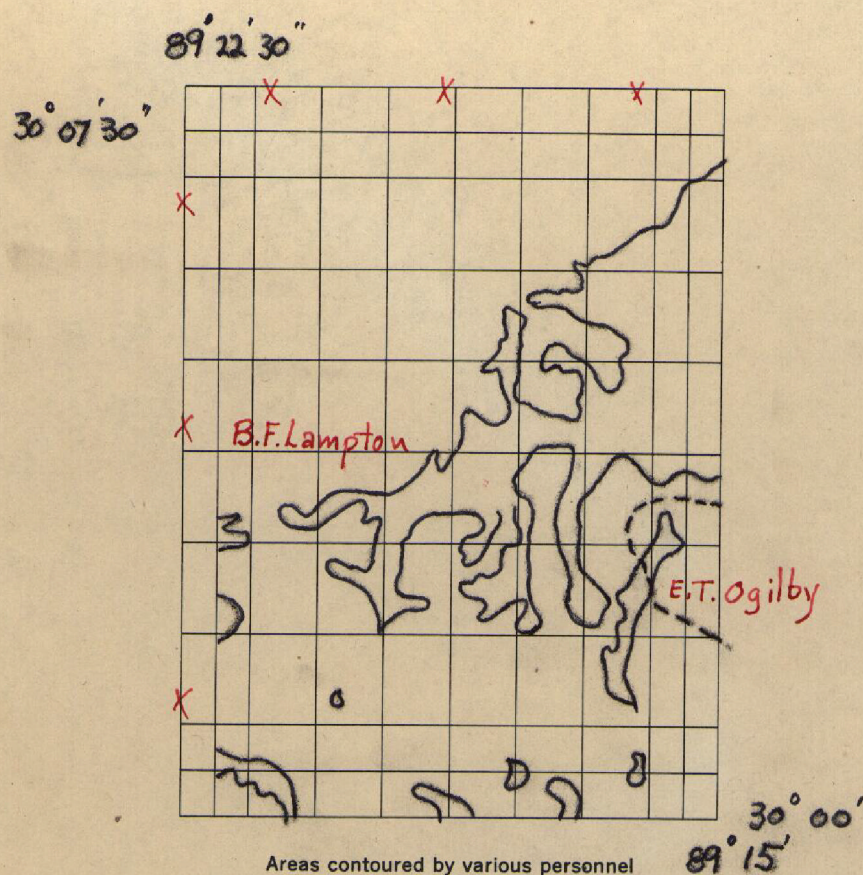
Y=

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.

T-9658



Areas contoured by various personnel
(Show name within area)
(II) (III)

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): B. F. Lampton Jr.
E. T. Ogilby

Date: May, Aug. 1952

Planetable contouring by (II): B. F. Lampton Jr.
E. T. Ogilby

Date: June, Aug. 1952

Completion Surveys by (II):

SEE REVIEW REPORT Item 66

Date:

Mean High Water Location (III) (State date and method of location): August 1952
Air Photo Compilation

Projection and Grids ruled by (IV): Joan Thuma (W.O.)

Date: 17 June 1953

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

Date: 17 June 1953

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

Date: 7 Aug. 1953

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

Date: 7 Aug. 1953

Radial Plot on Stereoscopic

Control extension by (III): M. M. Slavney

Date: 21 May 1954

Planimetry

Date:

Stereoscopic Instrument compilation (III):

Inapplicable

Contours

Date:

Manuscript delineated by (III): W. W. Dawsey

Date: Nov. 1954

Photogrammetric Office Review by (III): R. A. Reece

Date: Dec. 1954

Elevations on Manuscript

checked by (II) (III): R. A. Reece

Date: Nov. 1954

Camera (kind or source) (III): C&GS 9-lens camera
MDA single-lens

Number	Date	Time	Scale	Stage of Tide
35302	Feb. 27, 1952	11:13	1:20,000	4 0.6
35303-		11:14-		
35305 incl	"	11:16 incl	"	"
35312	"	11:27	"	"
35319	"	11:43	"	"
35320	"	11:44	"	"
35321	"	11:44	"	"
35322	"	11:45	"	"
35323	"	11:46	"	"
MDA-6-147 thru 150	Aug. 2, 1952			

Tide (III)

Reference Station: Pensacola Fla.
Subordinate Station: Bay St. Louis, Miss.
Subordinate Station:

Diurnal		
Ratio of Ranges	Mean Range	Spring Range
		1.3
1.2	--	1.6

Washington Office Review by (IV):

Date:

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

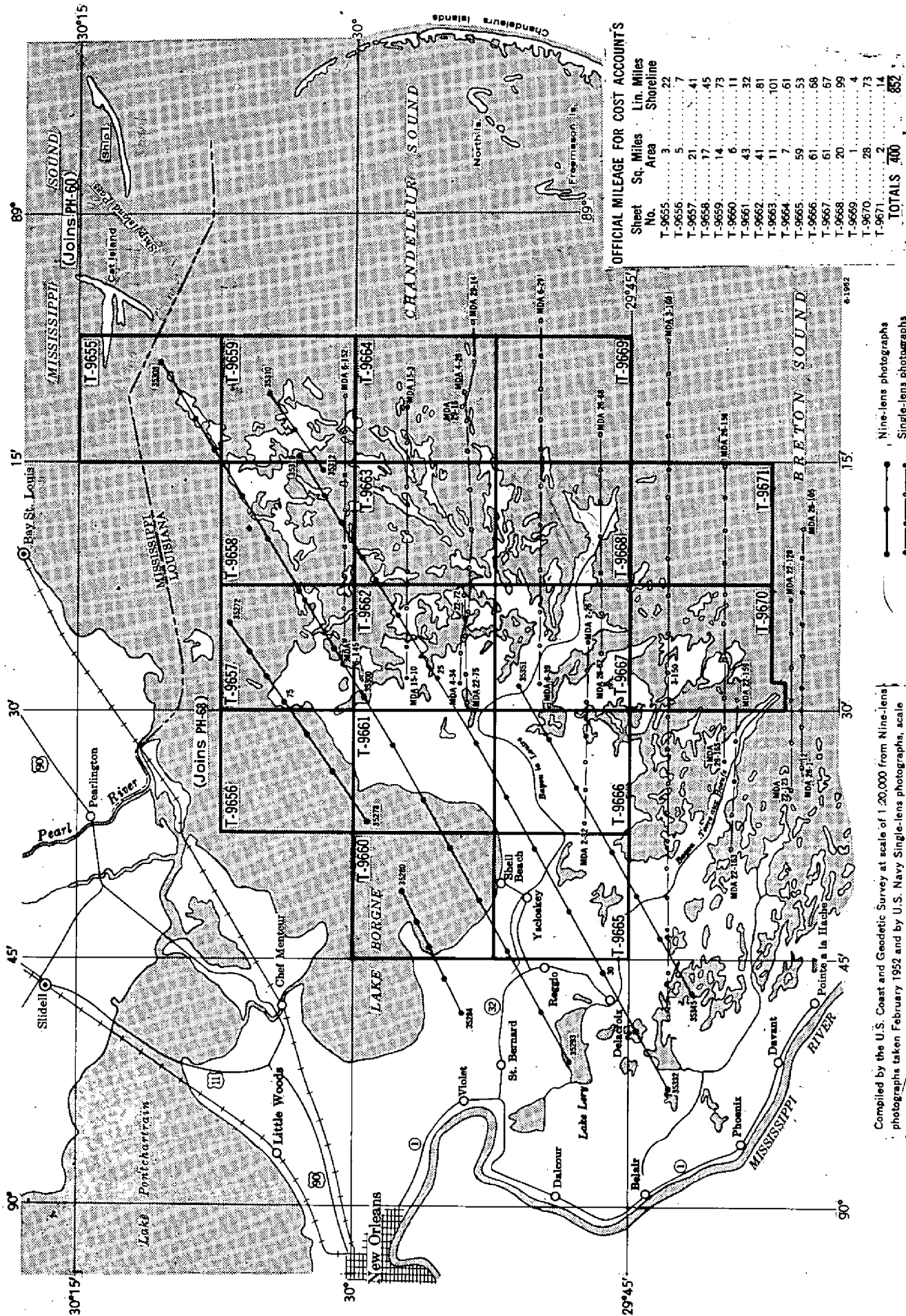
Land Area (Sq. Statute Miles) (III): 17
Shoreline (More than 200 meters to opposite shore) (III): 45
Shoreline (Less than 200 meters to opposite shore) (III):
Control Leveling - Miles (II): None
Number of Triangulation Stations searched for (II): 3
Number of BMs searched for (II): None
Number of Recoverable Photo Stations established (III): 1
Number of Temporary Photo Hydro Stations established (III): None

Recovered: 2
Recovered: 0

Identified: 2
Identified: 0

Remarks:

TOPOGRAPHIC MAPPING PROJECT 24190 LOUISIANA, Mississippi Sound to Breton Sound (Refer to Air-Photo Indexes 110-E and 119-G)



Compiled by the U.S. Coast and Geodetic Survey at scale of 1:20,000 from Nine-lens photographs taken February 1952 and by U.S. Navy Single-lens photographs, scale 1:46,000 (1948-February 1952)

SUMMARY TO ACCOMPANY TOPOGRAPHIC MAP

This topographic map is one of 17 similar maps of Project PH-89. It covers a portion of Louisiana from Mississippi Sound south to Breton Sound.

Project PH-89 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 nine-lens photographs by planetable methods, and the investigation of geographic names and political boundaries.

Since almost all the terrain was marsh, only 3 of the maps on PH-89 were field edited. They are T-9660, T-9665, T-9667. All were compiled at the scale of 1:20,000, using nine-lens photographs taken in 1952. Newer 6W camera photographs taken in 1955 were used to revise delineation where necessary. There were few such cases.

With the addition of hydrographic data these maps will be forwarded to the Geological Survey for publication as standard 7½ minute quadrangles.

Items registered under each map number will include a Croner film positive and a descriptive report.

2. AREAL FIELD INSPECTION

The land area is marsh and forms an irregular strip which separates Mississippi Sound and Bay Boudreau. The shoreline is apparent with the exception of a few short stretches of shell deposit beach.

The field inspection is believed to complete and adequate.

Field work has been done on nine-lens photographs 35302-05, 35312, 35329, and 35323.

See also, Field Inspection Report, Quadrangle T-9659().

3. HORIZONTAL CONTROL

The following station has been reported as lost on Form 526: THREE MILE BAYOU, NE GABLE 1934.

4. VERTICAL CONTROL

Grand Pass, Blind Pass, and Bay Boudreau tide staffs were used to establish mean sea level datum in this quadrangle.

5. and 6. CONTOURS AND DRAINAGE and WOODLAND COVER respectively:

See Field Inspection Report, Quadrangle T-9659().

7. SHORELINE AND ALONGSHORE FEATURES

There is one pair in the quadrangle.

As the shoreline is mostly apparent the mean high water line and the mean low water line were superimposed. The horizontal displacement, at the short sections of fast shoreline, between the mean high water line and the mean low water line, was too small (Approximately 1 meter) to warrant indication on the photographs.

8. OFFSHORE FEATURES

See Field Inspection Report, Quadrangle T-9659().

9. LANDMARKS AND AIDS

There are no landmarks in the area. THREE MILE PASS LIGHT was identified on the photograph and picked direct.

10. BOUNDARIES, MONUMENTS, AND LINES

See Field Inspection Report, Quadrangle T-9659().

11. OTHER CONTROL

No other control was established.

12. OTHER INTERIOR FEATURES

There is one house in the quadrangle. All buildings (cabins) were designated Class 1 due to the lack of Structural features in the area.

13. GEOGRAPHIC NAMES

See "Special Report, Geographic Names, Project Ph-89".

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

See Field Inspection Report, Quadrangle T-9659().

Submitted
8 September 1952

/s/ B. Frank Lampton Jr.
Cartographic Survey Aid

Approved & Forwarded

/s/ Percy L. Bernstein
Chief of Party

Original not available -
TAMPA

COMPILATION REPORT T-9658PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-9655.

31. DELINEATION

The graphic method was used. The photographs were of fair scale, and no difficulty was encountered in identifying features.

32. CONTROL

Reference Photogrammetric Plot Report

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

The maximum ground elevation is 2 feet.

All drainage was delineated as it appeared on the photographs.

35. SHORELINE AND ALONGSHORE DETAILS

The mean high water line was delineated as indicated by the field inspection. Shoal lines were shown as they appeared on the photographs. The shoreline inspection was adequate.

Reference Item 7.

36. OFFSHORE DETAILS

None.

37. LANDMARKS AND AIDS

One (1) fixed aid to navigation was located according to the identification submitted by the field party, and is submitted on Form 567.

11

38. CONTROL FOR FUTURE SURVEYS

One (1) topographic station was located and described on Form 524. It is included in Item 49.

39. JUNCTIONS

To the north	- no contemporary Survey.
To the east, T-9659	- in good agreement.
To the south, T-9663	- in good agreement.
To the west, T-9657	- in good agreement.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

Comparison was made with the following maps:

C&GS Planimetric Map No. T-5321, scale 1:20,000 dated Nov. 1932

U. S. Geological Survey Map DRUM BAY, LA., scale 1:31,680, dated 1935.

Several small changes were noted and are due to the passage of time.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with C&GS Nautical Chart No. 1268, scale 1:80,000, dated Sept. 1940, corrected to 7/6/52. The maps listed under Item 46 are the sources of topography for the nautical chart and the same differences will be found.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

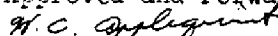
None.

ITEMS TO BE CARRIED FORWARD

None.


W. W. Dawsey
Carto Photo Aid.

Approved and Forwarded:


H. C. Applequist
Chief of Party

T-9658.

Geographic Names.

Bay Boudreau

Bayou Creque

Crooked Bayou Island

Drum Bayou

Jehnsen Bay

Jehnsen Bayou

Little Raccoon Island

Little Shell Island

Louisiana

Mink Island

Mississippi Sound

Nigger Point

Northwest Karako Bay

Northwest Jack Williams Bay

Picnic Bayou

Raccoon Island

St. Bernard Parish

Shell Island

Shell Point

Three Mile Bay (this should be uniform with the form on T-9657;
Three Mile Pass: is a BGN decision, so 2 words are
preferable)

Three Mile Pass

Turkey Bayou

West Karako Bay

Names approved 9-20-56

L. Heck. L.H.

Title: () should preferable be deleted from St Bernard Paris, for
uniformity with other sheets of the series.

FEATURES DELETED FROM MANUSCRIPT
AKH
5

48. GEOGRAPHIC NAME LIST

BAY BOUDREAU
BAYOU CREQUE

CROOKED ISLAND

DRUM BAYOU

JOHNSON BAY
JOHNSON BAYOU

LITTLE RACCOON ISLAND
LITTLE SHELL ISLAND
LOUISIANA

MINK ISLAND
MISSISSIPPI SOUND

NIGGER POINT
NORTH KARAKO BAY
NORTHWEST JACK WILLIAMS BAY

PICNIC BAYOU

RACCOON ISLAND

SHELL ISLAND
SHELL POINT
ST. BERNARD PARISH

THREE MILE BAY
THREE MILE PASS
TURKEY BAYOU

WEST KARAKO BAY

49. NOTES TO THE HYDROGRAPHER

The following topographic stations is for the use of the hydrographer:

THREE MILE PASS LIGHT 1952.

50.

PHOTOGRAMMETRIC OFFICE REVIEW

T- 9658

1. Projection and grids J.G. 2. Title J.G. 3. Manuscript numbers J.G. 4. Manuscript size J.G.
 unclassified
 4a. Classification label

CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy MMS 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) J.G. 7. Photo hydro stations XX 8. Bench marks XX
 9. Plotting of sextant fixes XX 10. Photogrammetric plot report W.A.R. 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 XX 16. Aids to navigation J.G. 17. Landmarks XX 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 XX 23. Stereoscopic instrument contours XX 24. Contours in general XX 25. Spot elevations J.G. 26. Other physical features J.G.

CULTURAL FEATURES

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

BOUNDARIES

31. Boundary lines XX 32. Public land lines XX

MISCELLANEOUS

33. Geographic names J.G. 34. Junctions J.G. 35. Legibility of the manuscript J.G. 36. Discrepancy overlay XX 37. Descriptive Report J.G. 38. Field Inspection photographs J.G. 39. Forms J.G.
 40. R. A. Reece Jose A. Giles
 R. A. Reece Reviewer J. A. Giles Supervisor, Review Section of 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:

M-2623-12

NONFLOATING AIDS OR ZANIMARKS FOR CHARTS

TO BE CHARTED
~~TO BE CHARTED~~

STRIKE OUT ONE

Tampa Photogrammetric Office, Tampa, Fla. 8 Nov, 1954

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

The positions given have been checked after listing by

W. W. Dawsey

Lra R. Subotton

Chief of Party.

STATE	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. M. METERS	° ' "	D. P. METERS								
LOUISIANA		THREE MILE PASS		30 03	15.17 467	89 21	27.55 736	M.A. 1927	Rad. Plot 7-9658	1952	I			1268	
	LIGHT	Black box on a three mile dolphin													

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 individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS

TIDE COMPUTATION

PROJECT NO. Ph. 89 T. 9658

Time and date of exposure 1143 27 FEB 52 Reference station PENSACOLA FLA.

SPRING
Mean range 1.6

Date of field inspection 26 JUNE 1952

Subordinate station BAY ST. LOUIS, MISS.

Ratio of ranges 1.2

	Time		Height feet	Height x Ratio of ranges	Range of tide
	h.	m.			
High tide	13	34	0.5	0.6	✓
Low tide	08	50	0.4	0.5	✓
Duration of rise or fall	04	44		0.1	✓

Time		High tide at Ref. Sta.	Time difference	Corrected time at Subordinate station
h.	m.			
12	24	✓	✓	✓
1	10			

Time		Low tide at Ref. Sta.	Time difference	Corrected time at Subordinate station
h.	m.			
07	40			
1	10			

	h.	m.	feet	Photo. No.
Time H. T. or L. T.	13	34		
Required time	11	43	0.6	35319
Interval	01	51	0.6	
Time H. T. or L. T.				
Required time				
Interval				
Time H. T. or L. T.				
Required time				
Interval				
Time H. T. or L. T.				
Required time				
Interval				
Time H. T. or L. T.				
Required time				
Interval				

Computed by W. H. S. Checked by H. S.

REVIEW REPORT T-9658
TOPOGRAPHIC
24 September 1957

61. General Statement

See summary

62. Comparison with Registered Topographic Surveys

404 - 1:20,000 1852
3663 - 1:40,000 1917
3664 - 1:40,000 1917
5321 - 1:20,000 1934

Manuscript T-9658 supercedes all the above surveys in common areas as source material for chart construction.

63. Comparison with Maps of Other Agencies

USGS Drum Bay 1:31,680 1935

64. Comparison with Contemporary Hydrographic Surveys

None

65. Comparison with Nautical Charts

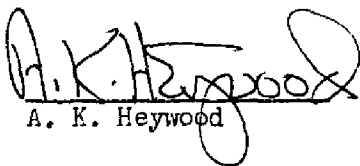
1268 1:80,000 3rd Ed. 1940, 3/25/57

66. Adequacy of Results and Future Surveys

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

No field edit was accomplished. The area is all marsh with one house the only building in the area. The manuscript was compared with USC&GS W camera photography to verify the delineation in lieu of field edit. Minor changes were made in the apparent shoreline.

Reviewed by:


A. K. Heywood

Approved:

L. C. Hande
Chief, Review Branch
Photogrammetry Division

Max H. Kettler
Chief, Nautical Chart Branch
Charts Division

Acting J. B. [unclear]
Chief, Photogrammetry Division

[unclear]
Chief, Coastal Surveys Division