

10505

ORIGINAL

Diag. Cht. No. 1.

Form 504 U. S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	PLANIMETRIC
Field No. Ph-170	Office No. T-10505
LOCALITY	
State	LOUISIANA
General locality	MISSISSIPPI RIVER
Locality	LETTSWORTH
19 <u>56</u> ⁵⁷ 57	
CHIEF OF PARTY Ira R. Rubottom, Chief of Field Party Arthur L. Wardwell, Tampa District Officer	
LIBRARY & ARCHIVES	
DATE	

USCOMM-DC 5087

10505

DESCRIPTIVE REPORT - DATA RECORD

T- 10505

Project No. (II): Ph-170

Quadrangle Name (IV):

Field Office (II): Opelousas, Louisiana

Chief of Party: Ira R. Rubottom

Photogrammetric Office (III): Tampa, Florida

Officer-in-Charge: Arthur L. Wardwell

Instructions dated (II) (III): Field: 4 December 1956

Copy filed in Division of
Photogrammetry (IV)

Supplement 1 (Field) 15 January 1957

Supplement 2 (Field) 14 March 1957

Office: 21 January 1957

Amendment (Office) 2 April 1959

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):

JUN 22 1959

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV):

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): N. A. 1927

Vertical Datum (III): MHW

~~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): LETTSWORTH 1929

Lat: $30^{\circ}55'53.132''$ (1636.3 m.) Long: $91^{\circ}42'15.469''$ (410.7 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.

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): John R. Smith Date: Oct. 1957

Planetable contouring by (II): Inapplicable Date:

Completion Surveys by (II): Inapplicable Date:

Mean High Water Location (III) (State date and method of location): Air photo compilation
Date of photography: 15 Oct. 1956

Projection and Grids ruled by (IV): J. C. Haskins and J. C. Phillips(WO) Date: June 1957

Projection and Grids checked by (IV): I. Y. Fitzgerald (WO) Date: Nov. 1957

Control plotted by (III): Portland Office Date: 1958

Control checked by (III): Portland Office Date: 1958

Radial Plot ~~or Stereoscopic~~ Control-extension by (III): Portland Office Date:

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

Manuscript delineated by (III): R. Dossett Date: Aug 1959

Photogrammetric Office Review ^{of map compilation} by (III): I. I. Saperstein Date: Feb 1960

Elevations on Manuscript checked by (II) (III): Inapplicable Date:

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): USC&GS Nine-lens

Number	Date	PHOTOGRAPHS (III)		Scale	Stage of Tide
		Date	Time		
54901	15 Oct 1956		1256	1:20,000	N
54902	"		1257	"	o
54903	"		1258	"	T
54924	"		1331	"	i
54925	"		1332	"	d
54926	"		1333	"	e

Tide (III)

Inapplicable

Ratio of Ranges	Mean Range	Spring Range

Reference Station:

Subordinate Station:

Subordinate Station:

Washington Office Review by (IV):

Date:

Final Drafting by (IV): R. Dossett, Tampa District Office

Date: May 1960

" " Reviewed by: W. H. Shearouse, Tampa District Office

May 1960

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 56

Shoreline (More than 200 meters to opposite shore) (III): 66

~~Shoreline (Less than 200 meters to opposite shore) (III):~~

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): 12* Recovered: 5 Identified: 4

Number of BMs searched for (II): - Recovered: - Identified: -

Number of Recoverable Photo Stations established (III): 7 (all aids to navigation)

Number of Temporary Photo Hydro Stations established (III): none

Remarks:

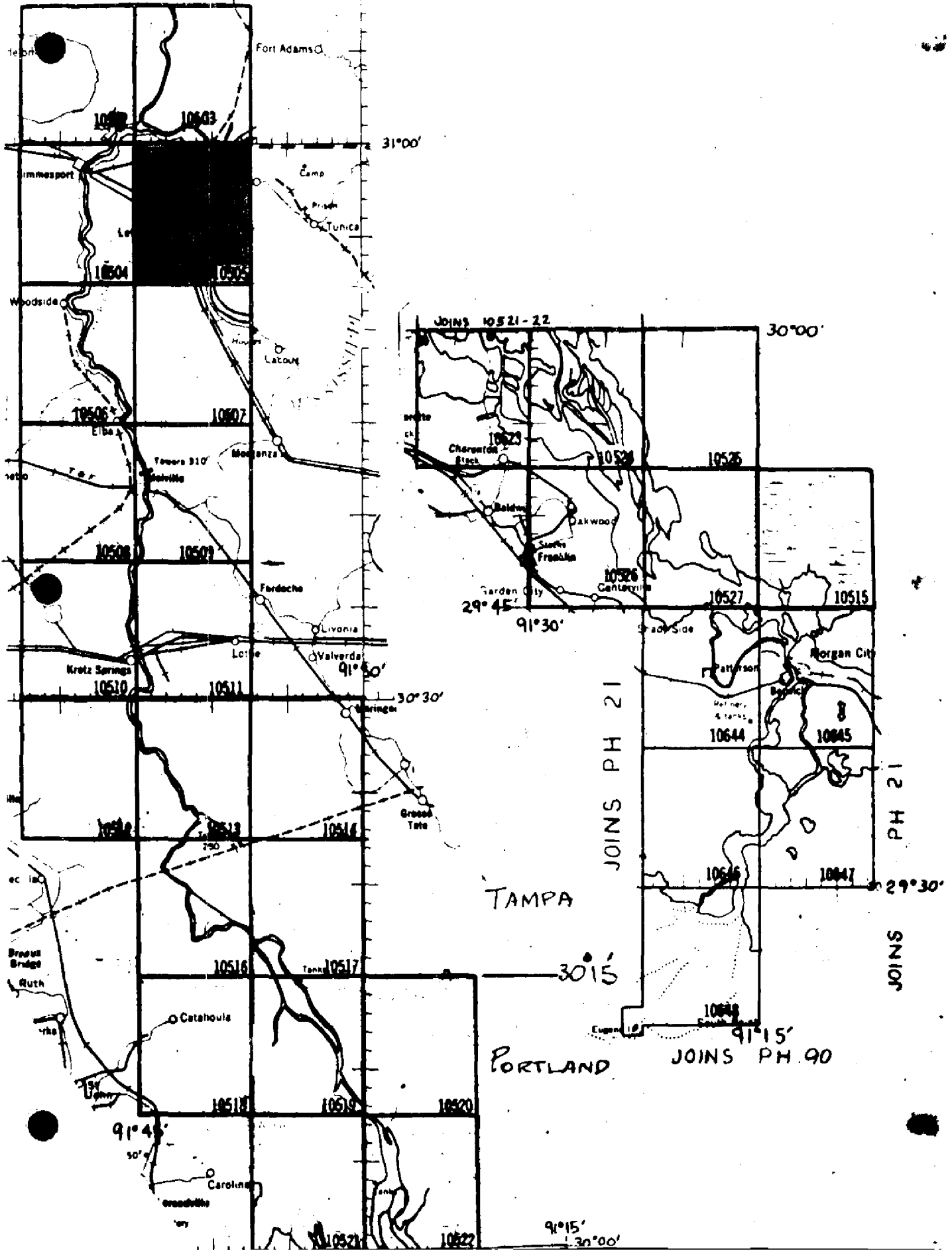
*In addition, 5 stations which fell east of this map were searched for but not recovered.

PLANIMETRIC PROJECT PH170

Atchafalaya Bay to Mississippi River, La.

Sheet 1 of 2

5.



FIELD INSPECTION REPORT
PROJECT 170
MAP T-10505

Please refer to the Field Inspection Report for Map T-10502
for all data pertaining to this map.

Submitted:

John R. Smith

John R. Smith
Cartographic Survey Aid

Approved:

Ira R. Rubottom

Ira R. Rubottom
Chief of Party

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY
DESCRIPTIVE REPORT
CONTROL RECORD

MAP T. 10505 PROJECT NO. Ph. 170 SCALE OF MAP 1:20,000 SCALE FACTOR Non. 2

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y -COORDINATE LONGITUDE OR x -COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
				FORWARD	(BACK)		FORWARD	(BACK)	
SMITH, 1919	GP P I-48	NA 1927	30 55 52.5/6 ✓ 91 39 31.047 ✓			30796 26549 ✓	1617.3 (230.5) 824.3 (768.7) ✓		✓ Not 1590 identified
RED RIVER, 1919	GP P I-48	"	30 57 27.443 ✓ 91 39 54.595 ✓			30796 26541 ✓	845.1 (1002.6) 1449.0 (143.4)		✓ 1590 ✓
Sub Sta			30 57 91 39				704.9 (1142.8) 1449.6 (142.8)		✓ ✓
LETTSWORTH, 1929	GP P I-48	"	30 55 53.132 ✓ 91 42 15.469 ✓			30796 26549 ✓	1636.3 (211.5) 910.7 (182.2) ✓		✓ 1590.9
Sub Sta			30 55 91 42				1608.8 (239.0) 375.7 (1217.2)		✓ ✓
P.B.M TORRAS (MRC) 1929	GP P I-50	"	30 59 20.357 ✓ 91 40 50.387 ✓			30796 26533 ✓	626.9 (220.8) 1336.9 (255.1) ✓		✓ 1590.0
Sub Sta			30 59 91 40				560.0 (1287.7) ✓ 1262.2 (329.8) ✓		✓ ✓
P.B.M 150 D (MRC) 1919	GP P I-50	"	30 55 52.366 ✓ 91 39 32.995 ✓			30796 26549 ✓	1612.7 (235.1) 876.0 (716.9) ✓		✓ 1590.9
Sub Sta			30 55 91 39				1478.7 (369.1) ✓ 822.3 (760.6) ✓		✓ ✓

COMPILATION REPORT T-10505PHOTOGRAMMETRIC PLOT REPORT

Submitted by Portland Photogrammetric Office.

Desc. Report T10527

31. DELINEATION

Compiled by graphic method.

The photographs were clear and of reasonably good scale. Some tilt and chamber distortion was present in all photographs used.

Due to dense woodland coverage some streams were untraceable in their entirety. Because some of these have geographic names they have been shown in their approximate position and labelled PDU (Probable Drainage Unsurveyed). See item 5 of Field Inspection Report.

The Field Inspection was adequate.

32. CONTROL

See photogrammetric plot report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Inapplicable.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline has been delineated as shown on the photographs and according to field inspection notes. (See item 7)

36. OFFSHORE DETAILS

None.

37. LANDMARKS AND AIDS

No landmarks recommended.

Seven (7) aids to navigation are being submitted on form 567. It will be noted however that the 1959 Mississippi River System Light List shows several changes in the aids to navigation since field inspection. (See item 9 and Form 567)

38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

Satisfactory junctions have been made with T-10503 on the north, T-10507 on the south and T-10504 on the west. There is no contemporary survey on the east. The area contained within this map manuscript represents the northwest portion of U. S. Corps of Engineers 15-minute quadrangle BATCHELOR, LA.-MISS. and the junction appears to be satisfactory.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

41. PARISH BOUNDARIES AND NAMES

Reference letter dated 2 April 1959, Amendment to Instructions, Parish Boundaries, Project Ph-170, Atchafalaya, La.

42. STATE BOUNDARIES

The Louisiana-Mississippi state boundary line falls just within the northern neat line of this map manuscript. This boundary is not shown because it cannot be defined unless the parish boundaries are first constructed, which was not done. (See item 41)

43. GEOGRAPHIC NAMES

The geographic names sheet (C of E quadrangle BATCHELOR, LA.-MISS.) shows and names fourteen intermittent lakes that fall within the limits of T-10505. These lakes were classified "swamp" by the field inspector and are thus shown, consequently their names have been omitted from the map manuscript. The final disposition of these names is being referred to the Washington Office Reviewer.

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with Corps of Engineers quadrangle BATCHELOR, LA.-MISS., edition of 1955, from aerial photographs of October-December 1952. Excepting those mentioned in item 43, there were no outstanding discrepancies. There are no planimetric maps available for comparison.

47. COMPARISON WITH NAUTICAL CHARTS


No chart available.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY


None.

ITEMS TO BE CARRIED FORWARD

None.


Rudolph Dossett
Carto Photo Aid

APPROVED AND FORWARDED


for Arthur L. Wardwell
Tampa District Officer

49. NOTES FOR THE HYDROGRAPHER

None.

50

PHOTOGRAMMETRIC OFFICE REVIEW OF ADVANCE MANUSCRIPT

T. 10505

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

6a. Classification label Unclassified

CONTROL STATIONS

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

ALONGSHORE AREAS

(Nautical Chart Data)

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

PHYSICAL FEATURES

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

CULTURAL FEATURES

27. Roads WHS 28. Buildings WHS 29. Railroads WHS 30. Other cultural features WHS

BOUNDARIES

31. Boundary lines XX 32. Public land lines XX

MISCELLANEOUS

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

40. William H. Shearouse Milton M. Slavney
Reviewer Supervisor, Review Section of Unit
William H. Shearouse Milton M. Slavney

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:

NONFLOATING AIDS ~~ON THE~~ FOR CHARTS

TO BE CHARTED
~~TO BE REVISED~~

STRIKE OUT TWO

6/8/60 19

Tampa, Florida

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 ~~of these~~ have been checked after listing by

Rudolph Donsett

Arthur L. Wardwell

Chief of Party

CHARTING NAME	STATE	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	CHARTS AFFECTED
				LATITUDE*		LONGITUDE*				
				D.M.	"	D.P.	"			
	LOUISIANA									
LIGHT		LOWER MISSISSIPPI RIVER								
LIGHT		100 FOOT LIGHT (296.7)	30 54	58.71	91 37	39.09	N.A. 1927	Photo Plot 7-10505	Oct 1957	No CHARTS
LIGHT		MILES BAR LIGHT (297.3)	30 55	12.24	91 38	35.67				
LIGHT		MILES BAR LOWER LIGHT (297.0)	30 54	55.20	91 38	02.15				
LIGHT		SEIKWLAND LIGHT (300.2)	30 57	31.27	91 39	52.15		Fixed 7-10505		
LIGHT		CAMP FIELD LIGHT (301.4)	30 58	14.12	91 39	57.55		Photo 7-10505		
LIGHT		CAMP FIELD UPPER LIGHT (301.0)	30 59	10.36	91 39	54.33				
LIGHT		OLD RIVER LIGHT (302.0)	30 59	30.80	91 39	22.95				
		Date taken from field inspection photograph								
		Light does not appear in 1959 Light List of Mississippi River System								

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. 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.

48. Geographic Name:

Angola Landing
Bayou Fisher
Bayou Hazard
Bayou Lettsworth
Bayou Moreau
Bayou Thornton
Black Lake
Carr Point
Carr Point Cutoff
Charity Lake
Crooked Bayou
Dry Bayou
Flat Lake
Fort Adams Reach
Hog Point
Innis
Innis(PO)
Lettsworth
Limeless Lake
Lower Old River
Mississippi River
Raccourci Cutoff
Raccourci Island
Raccourci Old River
Raccourci Landing
Red River Landing
Shreaves Cutoff
Smith Landing
Sugar Mill Chute
Torrás
Torrás Landing
Williamsport


Geographic Names Section

29 November 1962

REVIEW REPORT
OF PLANIMETRIC MANUSCRIPTS
T-10502 thru T-10509

February 1963

61. General Statement

There are eight (8) of thirty-one (31) planimetric maps of Project PH-170 Atchafalaya River, La. These maps were prepared as bases for Nautical Charts and future Hydrographic Surveys.

62. Comparison with Registered Topographic Surveys

None

63. Comparison with Maps of other Agencies

Voorhies, La.	1:62,500	CofR	1941
Artonish, La.	1:62,500	CofR	1955
Osanburg, La.	1:62,500	CofR	1955
Hatchelor, La.	1:62,500	CofR	1955
Palmetto, La.	1:62,500	CofR	1959
Ferdoshe, La.	1:62,500	CofR	1959

See Item 46

64. Comparison with Contemporary Hydrographic Surveys

There are no contemporary hydrographic surveys within the limits of these manuscripts.

65. Comparison with Nautical Charts

None

66. Adequacy of Results and Future Surveys

These maps were prepared for bases for Nautical Charts and future Hydrographic Surveys and are within the required accuracy.

Reviewed by:

L. G. Lande
L. G. Lande

Approved by:

Charles L. Lamm Chief, Cartographic Branch
Lawrence G. Zwick Chief, Nautical Charts Division
J. W. Vaughn 4/5/63 Chief, Photogrammetry Division
Veronica S. Conroy Chief, Operations Division

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. T-10505

INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.

1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

CHART	DATE	CARTOGRAPHER	REMARKS
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
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