

10517

Diag. Cht. Nos. 1 and 1116-2.

Form 504 U. S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY DESCRIPTIVE REPORT	
Type of Survey	Planimetric
Field No.	Ph-170
Office No.	T-10517
LOCALITY	
State	Louisiana
General locality	Atchafalaya River
Locality	Upper Grand River
<u>1956-57</u>	
CHIEF OF PARTY	
I.R. Rubottom, Chief of Field Party	
A. L. Wardwell, Tampa Photo. Off.	
LIBRARY & ARCHIVES	
DATE	May 1963

USCOMM-DC 5087

10517

DESCRIPTIVE REPORT - DATA RECORD

T- 10517

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): (II) - FIELD - 4 Dec. 1956
 Supplement 1 " 15 Jan. 1957
 " 2 " 14 Mar. 1957
 OFFICE 21 June 1957
 Amendment " 2 Apr. 1959

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): MAY 17 1960
 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 (S) refer to sounding datum
 I.e., mean low water or mean lower low water

Reference Station (III): PBM MONK USE 1933

Lat.: 30°16'43.913" (1352.2 m.) Long.: 91°35'43.615" (1165.7 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): **Leo F. Beugnet** Date: **June-July 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. B. Phillips** Date: **27 June 1957**

Projection and Grids checked by (IV): **J. B. Phillips** Date: **27 June 1957**

Control plotted by (III): **Portland Office** Date: **18 Mar. 1958**

Control checked by (III): **Portland Office** Date: **19 Mar. 1958**

Radial Plot of ~~Stereoscopic~~ **Portland Office** Date:
~~Control Extension~~ by (III):

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

Manuscript delineated by (III): **R. Dossett** Date: **Jan. 1960**

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

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

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): **USC&GS 9-lens**

4

Number	Date	PHOTOGRAPHS (III)		Scale	Stage of Tide
		Date	Time		
54856	15 Oct. 1956		1206	1:20,000	No
54857	"		1207	"	
54858	"		1208	"	Tide

No tide

Tide (III)

Ratio of Ranges	Mean Range	Spring Range

Reference Station:
Subordinate Station:
Subordinate Station:

Washington Office Review by (IV):

Date:

Final Drafting by *(W)* R.E. Smith & R. Dossett, Tampa Dist. Office
" " reviewed by: I. I. Saperstein, Tampa Dist. Office
Drafting verified for reproduction by (IV):

Date: April 1960
Date: April 1960

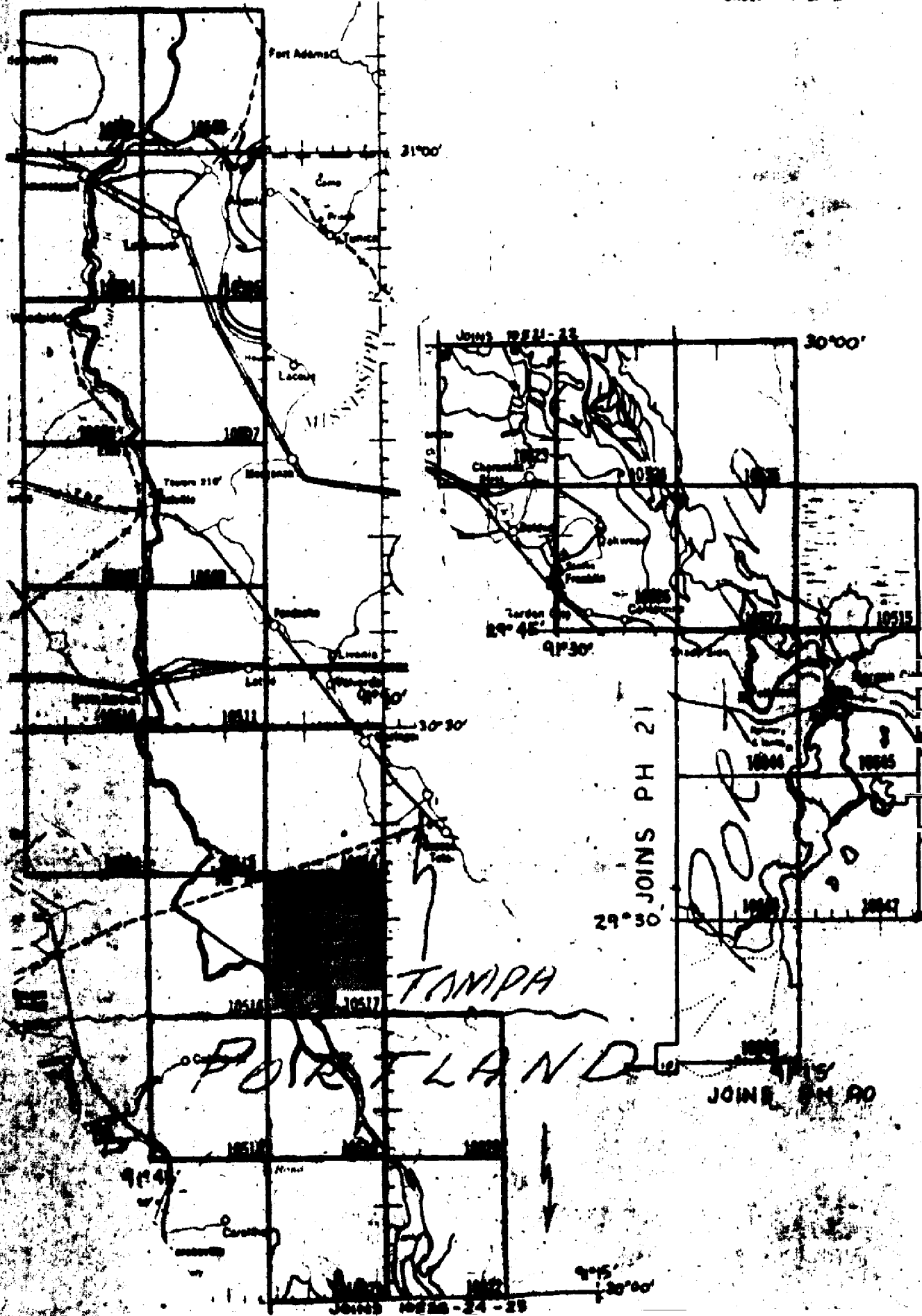
Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 60
Shoreline (More than 200 meters to opposite shore) (III): 42
~~Shoreline (Less than 200 meters to opposite shore) (III):~~
Control Leveling - Miles (II): **Inapplicable**
Number of Triangulation Stations searched for (II): 8 Recovered: 3 Identified: 3
Number of BMs searched for (II): - Recovered: - Identified: -
Number of Recoverable Photo Stations established (III): 0
Number of Temporary Photo Hydro Stations established (III): 0

Remarks:



FIELD INSPECTION REPORT
PROJECT 170
MAP T-10517

Please refer to the Field Inspection Report for Map T-10512
for all data pertaining to this map.

Submitted:

Leo F. Beugnet
Leo F. Beugnet
Cartographer

Approved:

Ira R. Rubottom
Ira R. Rubottom
Chief of Party

U. S. DEPARTMENT OF COMMERCE
DESCRIPTIVE REPORT
CONTROL RECORD

MAP T. 10. S. 17. PROJECT NO. 170 SCALE OF MAP SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y -COORDINATE LONGITUDE OR x -COORDINATE	N. A. DATUM		DATUM CORRECTION	N. A. 1927 - DATUM		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
				DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS	FORWARD (BACK)		DISTANCE FROM GRID OR PROJECTION LINE IN METERS	FORWARD (BACK)	
1933	OSCAR BAYON Grid, page N.A.	N.A.	30-16 43.944	1367.2	(495.4)	26.721	7341.7	(500.7)	1847.6
PBM-MONK (use)	35		91-35 43.617	1165.7	(437.9)	26.721	1173.7	(429.9)	1603.3
Ditto	Office	"	30-16 26.900	1528.6	(26.90)	-5.5	1573.1	(274.5)	1847.6
Sub Sta.	Comp.	"	91-36 1305.6	292.8	(1305.6)	8.0	1789.8	(1789.8)	1603.3
BM 41A (USE)	Office	NA	30-17 -58.617			30.793	1805.0	(42.6)	1847.6
Ditto	Comp.	1927	91-30 -02.485			26721	66.4	(1536.9)	1603.3
Sub Station		"	30-17			30.793	1168.6	(679.0)	1847.6
BM SCOTT (USE)	OSCAR BAYON		30 20 14.765			26.722	1462.6	(140.7)	1603.3
Ditto	USE		91 31				161.1		
Sub Sta			30 20				36.74		
RAMAH (USE)	GP		91-31 13.753	273.8	(1572.8)	18.4	2084.4	(1572.8)	1847.6
MARINCO (USE)	GP		30 21 20.153	923.3	(4044.7)	18.4	3310.1	(1077.0)	1603.3
PBM MONK (USE) 1933	GP	NA	30 21 20.153	923.3	(4044.7)	18.4	3310.1	(1077.0)	1603.3
Ditto	GP	"	30 16 15.643			30.793	1254.9	(342.7)	1847.6
Sub Sta	GP	"	91 31 13.753			26.722	1462.6	(140.7)	1603.3
PBM MONK (USE) 1933	GP	"	30 16 15.643			30.793	1254.9	(342.7)	1847.6
Ditto	GP	"	91 28 49.957			26.722	533.4	(1077.0)	1603.3
Sub Sta	GP	"	30 16 44.671			1375.5	(472.0)		
BM SHAYER (USE)	GP	"	91 35 43.922			1173.9	(429.7)		
Ditto	Office	"	30 16			1601.9	(245.6)		
Sub Sta	Comp.	"	91 36			306.2	(1297.4)		
BM SHAYER (USE)	GP	"	30 20 14.707			452.9	(1394.7)		
Ditto	GP	"	91 31 21.496			574.2	(1028.5)		
Sub Sta	Office	"	30 20			272.0	(1575.6)		
	Comp.	"	91 31			522.8	(1079.9)		

1 FT. = 3048006 METER
COMPUTED BY: S.T.D.
DATE: 3-18-58
CHECKED BY: S.M.A.
DATE: 9/1/58
COMM-DC-57843

COMPILATION REPORT T-10517

PHOTOGRAMMETRIC PLOT REPORT

Submitted by Portland Office Desc. Report T 10527

31. DELINEATION

Compiled by graphic method.

The photographs were clear and of reasonable good scale. Some tilt was noticed in every photograph. Field inspection was adequate.

32. CONTROL

Although no Form 526 was originally submitted for Corps of Engineers traverse station B M SCOTT, the station has been shown on the ADVANCE MANUSCRIPT. Investigation in this office led us to believe that the SUB. STA. labeled S P SHAVER, which did not hold on the plot, should have been labeled S P SCOTT. See enclosed correspondence pertaining to this subject, and the Photogrammetric Plot Report submitted by the Portland Office.

33. SUPPLEMENTAL DATA

None used.

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

Drainage has been delineated as shown on the photographs. See Item 5 of Field Inspection Report, enclosed with T-10512, for more information relative to drainage.

Attention is called to the intermittent streams extending from the north part of the map manuscript southward. The field inspector referred to these streams as "silted stream beds". It was felt that they are of sufficient topographic importance to be shown. Consequently they have been shown as intermittent. It is noted that most of them end before joining the main drainage system.

35. SHORELINE AND ALONGSHORE DETAILS

The larger streams all are fast shoreline and have so been delineated. All alongshore details have been delineated according to field inspection notes, which were adequate.

36. OFFSHORE DETAILS

None.

37. LANDMARKS AND AIDS

None.

38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

A satisfactory junction has been secured with T-10516 on the west and T-10514 on the north. T-10519 on the south will be compiled in the Portland Office.

The GROSSE TETE quadrangle to the east was not available in this office for a junction check. However, T-10517 and the OSCA BAYOU quadrangle (See Item 46) are in good agreement and it is probable that the GROSSE TETE and OSCA BAYOU quadrangles junction.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

41. PARISH BOUNDARIES AND NAMES

Not shown - reference letter, dated 2 April 1959, Amendment to Instructions, Parish Boundaries, Project Ph-170, Atchafalaya River, La.

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with U. S. Corps of Engineers topographic quadrangle OSCA BAYOU, LA., scale 1:62,500, edition of 1955. No outstanding discrepancies were noted. There are no planimetric maps available for comparison.

A 1959 edition of the C. of E. quadrangle OSCA BAYOU 1:62,500 scale, has been received and compared. A visual comparison reveals no outstanding discrepancies.

47. COMPARISON WITH NAUTICAL CHARTS


No charts available.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY


None.

ITEMS TO BE CARRIED FORWARD

None.


Rudolph Dossett
Carto Photo Aid

APPROVED AND FORWARDED.


Arthur L. Wardwell
Tampa District Officer

48. GEOGRAPHIC NAME LIST

ALLIGATOR LAKE
ATCHAFALAYA BASIN FLOODWAY
ATCHAFALAYA BASIN MAIN CHANNEL

BAYOU BOULLION
BAYOU BROWN
BAYOU DES GLAISES
BAYOU DES GLAISES OIL FIELD
BAYOU HENRY
BAYOU LA RAMPE
BAYOU MAGNOLIA
BAYOU MARINGOUIN
BAYOU SIRIUS
BILLY LITTLE LAKE
BRISTOW BAYOU

COW BAYOU
COW ISLAND
COW ISLAND CUTOFF

EAST FORK BAYOU DES GLAISES

JIM LAKE
JOHNSON LAKE

KING DITCH

LITTLE ATCHAFALAYA RIVER
LOUISIANA

OLD CHANNEL

PATS THROAT
RYCADE
~~RYCADE~~ OIL FIELD

STANDARD CANAL
STRAIGHT BAYOU

UPPER GRAND RIVER

WERNER LAKE
WHISKEY BAY PILOT CHANNEL EXTENSION

49. NOTES FOR THE HYDROGRAPHER

None.

50. PHOTOGRAMMETRIC OFFICE REVIEW

T- 10517

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

Unclassified

(a. Classification label)

CONTROL STATIONS

- 5. Horizontal control stations of third-order or higher accuracy IIS 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 Office 11. Detail points IIS

ALONGSHORE AREAS

(Nautical Chart Data)

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

PHYSICAL FEATURES

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

CULTURAL FEATURES

- 27. Roads IIS 28. Buildings XX 29. Railroads XX 30. Other cultural features IIS

BOUNDARIES

- 31. Boundary lines XX 32. Public land lines XX

MISCELLANEOUS

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

40. Irving I. Saperstein Reviewer
Milton M. Slavney Supervisor, Review Section of Unit
 Irving I. Saperstein 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:

T-10516 & T-10517

48. Geographic Names:
(10516)

Atchafalaya
Atchafalaya Basin Floodway
Atchafalaya Basin Main Canal
Atchafalaya River
Bayou Berard Drainage Canal
Bayou des Glaises
Bayou des Ourses
Bayou La Rose
Bayou Mal Boeuf
Bayou Sirius
Butte La Rose
Butte La Rose Cutoff
Butte La Rose Bay
Cow Island
Cow Island Lake
Little Atchafalaya River
Little Bayou des Ourses
Opelousas Bay
Warner Lake
Whiskey Bay Pilot Channel
Upper Grand River
(10517)
Alligator Lake
Atchafalaya Basin Floodway
Atchafalaya Basin Main Channel
Bayou Bouillon
Bayou Brown
Bayou des Glaises
Bayou Henry
Bayou La Rompe
Bayou Magnolia
Bayou Maringouin
Bayou Sirius
Billy Littles Lake
Bristow Bayou
Cow Bayou
Cow Island
Cow Island Cutoff
Cow Island Lake
East Fork Bayou des Glaises
Johnson Lake
King Ditch
Little Atchafalaya River
Old Channel
Pats Throat
Standard Canal
Straight Bayou
Upper Grand River
Whiskey Bay Pilot Channel Extension

George W. Balle
Geographic Names Section
20 November 1962

REVIEW REPORT
of PLANIMETRIC MANUSCRIPTS
T-10510 thru T-10514, T-10516 and T-10517

January 1963

61. General Statement

These are seven (7) 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

Cow Bayou, La.	1:24,000	U.S.G.S.	1953
Maringouin, La.	1:62,500	U.S.G.S.	1959
Arnaudville, La.	1:62,500	C of E	1940
Pordeche, La.	1:62,500	C of E	1959
Palmetto, La.	1:62,500	C of E	1959

The above maps are in close agreement and no differences of importance exist.

64. Comparison with Contemporary Hydrographic Surveys

None

65. Comparison with Nautical Charts

None

66. Accuracy of Results and Future Surveys

These maps were prepared as bases for Nautical Charts and are within the standards of map accuracy.

Reviewed by:

L. C. Lande
L. C. Lande

Approved by:

Charles Hanna
Chief, Cartographic Br.

Sam J. Taylor
Chief, Nautical Chart Division

J. E. Waugh 4/24/63
Chief, Photogrammetry Division

W. J. Conroy
Chief, Operations Division

