

9668

ORIGINAL

Diag. Cht. Nos. 1268-2 & 1270.

Form 504	
U. S. COAST AND GEODETIC SURVEY	
DEPARTMENT OF COMMERCE	
DESCRIPTIVE REPORT	
Type of Survey	TOPOGRAPHIC
Field No. Ph-89	Office No. T-9668
LOCALITY	
State	LOUISIANA
General locality	CHANDELEUR SOUND
Locality	MORGAN HARBOR
1955	
CHIEF OF PARTY	
P. L. Bernstein, Chief of Field Party	
Ira R. Rubottom, Tampa Photo. Office	
LIBRARY & ARCHIVES	
APR 15 1958	
DATE	

B-1870-1 (1)

8968

DATA RECORD

T 9668

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

Quadrangle Name (IV):

MORGAN HARBOR

Field Office (II): **New Orleans, La.**

Chief of Party: **P.L. Bernstein**

Photogrammetric Office (III): **Tampa, Fla.**

Officer-in-Charge: **Ira R. Rubottom**

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): **7-26-55**

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV): **4 Mar 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): **MYTH 2, 1952**

Lat.: **29° 48' 13".736 (422.9 m.)** Long.: **89° 16' 45".787 (1229.6 m.)**

Adjusted
~~Unadjusted~~

Plane Coordinates (IV):

State:

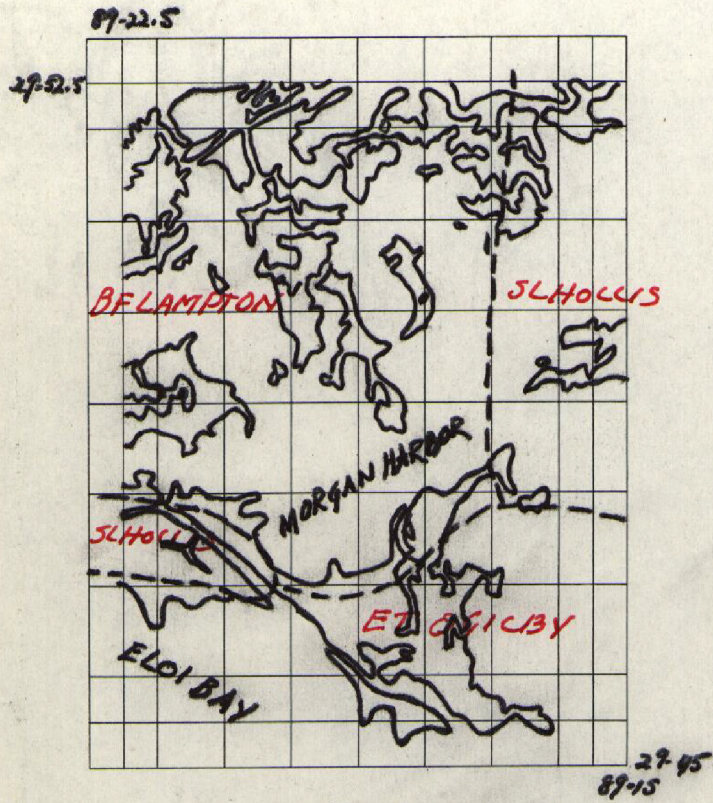
Zone:

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.



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

DATA RECORD

Field Inspection by (II): I.Y.Fitzgerald
 B.F.Lampton, Jr.
 S.L.Hollis, Jr.
 E.T.Ogilby
 Date: June-Aug. 1952

Planetable contouring by (II): ~~B.F.Lampton, Jr.~~
~~S.L.Hollis, Jr.~~
~~E.T.Ogilby~~
 Date: ~~June, Aug. 1952~~
 No Contours ON
 THIS MAP

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: 30 June 1953

Projection and Grids checked by (IV): H. D. Wolfe (W.O.)
 Date: 30 June 1953

Control plotted by (III): I. I. Saperstein
 Date: 18 Aug. 1953

Control checked by (III): R. J. Pate
 Date: 19 Aug. 1953

Radial Plot ~~or Stereoscopic~~
~~Control extension~~ by (III): M. M. Slavney
 Date: 28 Oct. 1954

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

Manuscript delineated by (III): R. Dossett
 Date: May 1955

Photogrammetric Office Review by (III): J. A. Giles
 Date: June 1955

Elevations on Manuscript J. A. Giles
 checked by ~~him~~ (III):
 Date: June 1955

Camera (kind or source) (III): **USC&GS Nine-lens, 8 1/4" focal length**

PHOTOGRAPHS (III)				
Number	Date	Time	Scale	Stage of Tide
39352	28 Sept. 1952	944	1:20,000	+ 1.8
39353	"	945	"	"
39354	"	946	"	"
39355	"	947	"	"
39359	"	958	"	"
39345	"	934	"	"
39392	"	1023	"	"
39394	"	1024	"	"
39395	"	1025	"	"
39397	"	1027	"	"

Tide (III)

From predicted tides

Reference Station: **PENSACOLA, FLORIDA**
 Subordinate Station: **BAY ST. LOUIS**
 Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range
		1.3
1.2	-	1.6

Washington Office Review by (IV):

A.K. Hexwood

Date: *OCT 1957*

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): **20**

Shoreline (More than 200 meters to opposite shore) (III): **99**

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

Control Leveling - Miles (II): **None**

Number of Triangulation Stations searched for (II): **7 (3)***

Recovered: **2**

Identified: **2 (3)***

Number of BMs searched for (II): **None**

Recovered: **0**

Identified: **0**

Number of Recoverable Photo Stations established (III): **0**

Number of Temporary Photo Hydro Stations established (III): **0**

Remarks:

() * Third-Order stations established

SUMMARY TO ACCOMPANY TOPOGRAPHIC MAP

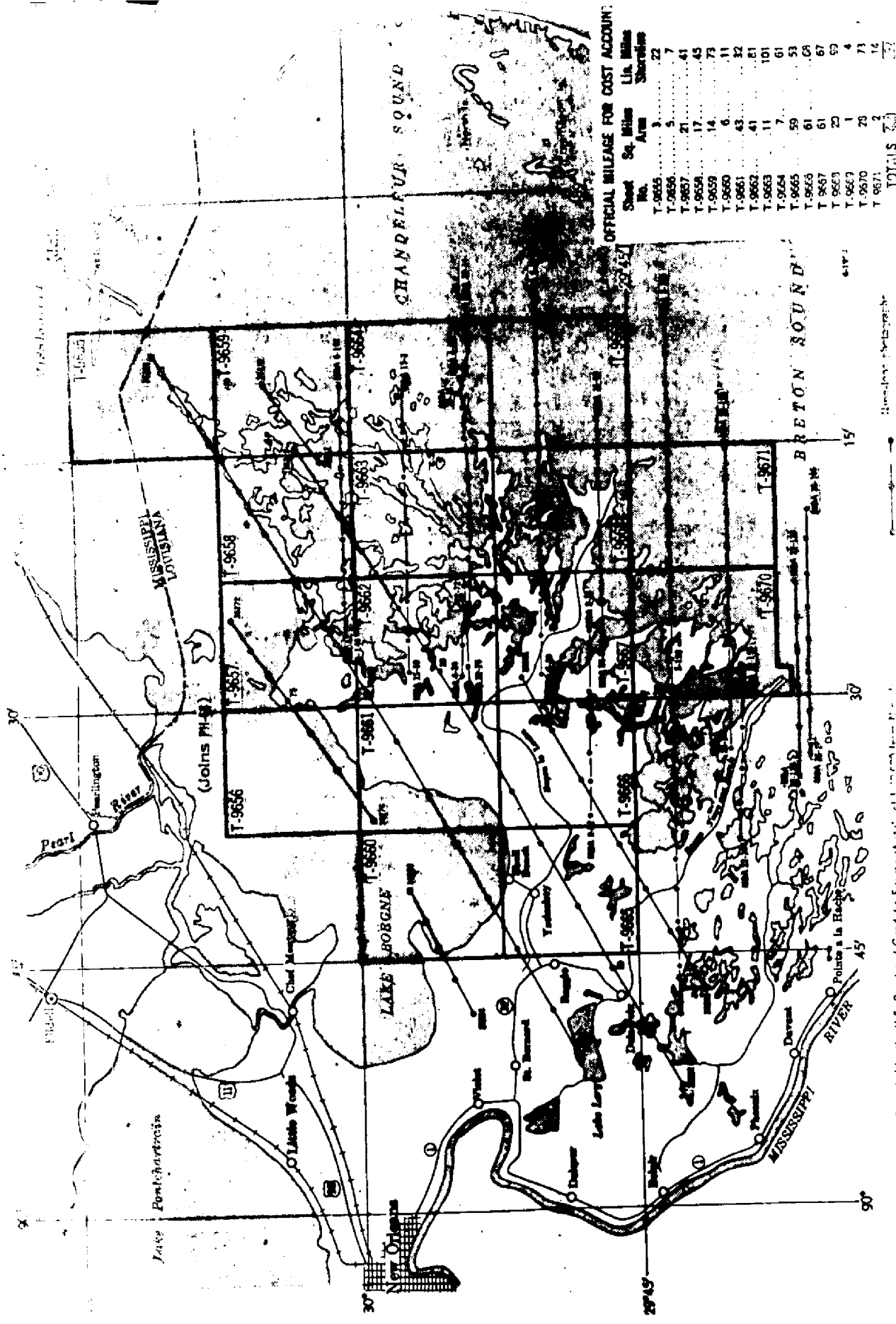
This topographic map is one of 17 similar maps of Project PH-89. It covers a portion of Louisiana from Mississippi Sound south to Breton Sound.

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 62 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 Cronar film positive and a descriptive report.



OFFICIAL MILEAGE FOR COST ACCOUNT

No.	Start	Sq. Miles	Lin. Miles	Station
T-9655	1	3	7	22
T-9656	2	5	7	41
T-9657	3	21	41	45
T-9658	4	17	45	73
T-9659	5	14	45	32
T-9660	6	6	11	11
T-9661	7	43	32	21
T-9662	8	41	21	101
T-9663	9	11	101	61
T-9664	10	7	61	53
T-9665	11	59	53	106
T-9666	12	61	106	67
T-9667	13	22	67	52
T-9668	14	1	52	4
T-9669	15	23	4	71
T-9670	16	2	71	16
T-9671	17	2	16	71
TOTALS		231	731	

Compiled by the U.S. Coast and Geodetic Survey, 1954, and all other data from the same source.

2. AREAL FIELD INSPECTION

The entire land area is marsh with occasional small deposits of shell beach. There are no prominent natural features.

Field inspection is believed to be adequate and complete.

Quality of the photographs was considered poor.

Field work was done on single lens photographs MDA-4-28, MDA-4-30, MDA-6-33, MDA-6-35, MDA-6-37, MDA-26-64, MDA-26-65, MDA-26-66, all (2 of 2); and MDA-6-33, MDA-6-34, MDA-6-35, MDA-6-36, and MDA-26-65, all (1 of 2).

3. HORIZONTAL CONTROL

The following third-order triangulation stations were established during field work: CODFISH PT. 2 1952, MYTH 2 1952, AND SCOW 1952. The following stations have been reported lost on Form 526: MYTH 1934, OTTER BAYOU 1869, TRIMMED TREE 1869, CODFISH PT. 1869, and TWIL 1934.

4. VERTICAL CONTROL

The tide staffs at Drum Bay and Bayou la Loutre were used to establish mean sea level datum in this quadrangle. See "Special Report, Vertical Control and Contouring, Project Ph-89".

5. CONTOURS AND DRAINAGE

See "Special Report, Vertical Control and Contouring, Project Ph-89".

6. to 8. WOODLAND COVER, SHORELINE AND ALONGSHORE FEATURES, and OFFSHORE FEATURES, respectively:

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

9. LANDMARKS AND AIDS

There are no landmarks in the area. There are no fixed aids to navigation.

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 permanent building in the quadrangle which was classified as Class 1 because of the lack of landmark features.

13. GEOGRAPHIC NAMES


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

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

See Field Inspection Report, Quadrangle T-9659()

Letter of Transmittal No. 89-17, Data, Quadrangles T-9665(), T-9666(), T-9667(), T-9668(), and T-9669(), forwarded to Washington Office 17 September 1952.

Submitted
8 September 1952


Eugene T. Ogilby
Cartographic Survey Aid

Approved & Forwarded
17 September 1952



Percy L. Bernstein
Chief of Party

COMPILATION REPORT - T-9668

PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-9655.

31. DELINBATION

The graphic compilation method was used.

The scale of the photographs was reasonably good - photographs 39353, 39354 and 39355 having the best scale.

The fiwid inspection was done using single-lens photographs taken in February 1952. Nine-lens photographs of the area were taken the same year and wherever a difference has occurred, the nine-lens photographs have been given the preference.

32. CONTROL

Reference Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

There are no contours. Spot elevations have been shown. The maximum ground elevation is two (2) feet. The drainage is apparent and has been delineated according to photographic interpretation.

35. SHORELINE AND ALONGSHORE DETAILS.

None.

36. OFFSHORE DETAILS.

None.

37. LANDMARKS AND AIDS

None.

38. CONTROL FOR FUTURE SURVEYS.

None established.

39. JUNCTIONS.

A satisfactory junction has been established with T-9663 on the north; T-9667 on the west; T-9669 on the east; and T-9671 on the south.

40. HORIZONTAL AND VERTICAL ACCURACY.

No statement.

41. SECTION CORNERS.

None recovered.

46. COMPARISON WITH EXISTING MAPS

A comparison was made with U. S. Coast and Geodetic Survey Air Photo Compilation No. T-5409 from photographs flown in November 1932, scale 1:20,000 and U. S. G. S. Quadrangle Map "MORGAN HARBOR, LA.", scale 1:31,680, compiled from aerial photographs and field examined by U. S. G. S. in 1935. No outstanding discrepancies were noted.

47. COMPARISON WITH NAUTICAL CHARTS.

A comparison was made with USC&GS Nautical Chart No. 1270, scale 1:80,000, published June 1940 (2nd edition) bearing a print date of 10/18/54.

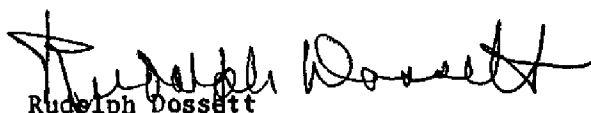
No outstanding discrepancies were noted.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY.

None.

ITEMS TO BE CARRIED FORWARD.

None.


Rudolph Dossett
Carto. Photo. Aid

APPROVED AND FORWARDED
William A. Rouse
for Ira R. Rubottom, Chief of Party

48. GEOGRAPHIC NAME LIST.

BAYOU JULIA
BAYOU LA LOUTRE
BRETON SOUND

CHANDELEUR SOUND
CHRISTMAS CAMP LAKE
CHICOT PASS
CODFISH POINT
COMFORT ISLAND

DRY BREAD ISLAND

BLOI BAY

LOUISIANA

MARTINBOX BAYOU
MORGAN HARBOR
MORGAN HARBOR PASS

OTTER BAYOU

PT. ELIZA
PT. LYDIA
PT. PAULINA

RAWHEAD

SCOW PASS
SCOW POINT
SKIFF ISLAND
SKIFF LAKE
ST. BERNARD PARISH

TREASURE BAY
TREASURE BAY PASS
TWILIGHT HARBOR

WHITE LOG LAKE

Names approved
8-15-55
A. J. W.

49. NOTES FOR THE HYDROGRAPHER.

None.

50.

PHOTOGRAMMETRIC OFFICE REVIEW

T- 9668

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

Unclassified

CONTROL STATIONS

In. Classification label

5. Horizontal control stations of third-order or higher accuracy MMS 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 JG 11. Detail points JG

ALONGSHORE AREAS

(Nautical Chart Data)

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

PHYSICAL FEATURES

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

CULTURAL FEATURES

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

BOUNDARIES

31. Boundary lines JG 32. Public land lines XX

MISCELLANEOUS

33. Geographic names JG 34. Junctions JG 35. Legibility of the manuscript JG 36. Discrepancy overlay XX 37. Descriptive Report JG 38. Field inspection photographs JG 39. Forms JG 40. William A. Rasure William A. Rasure
for Jesse A. Giles Supervisor, Review Section or 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

Review Report T-9668, T-9669
Topographic Map
16 October 1957

61. General Statement

See Summary

62. Comparison with Registered Topographic Surveys

769	1:20,000	1859
1099	1:20,000	1870
1148	1:20,000	1870
1198	1:20,000	1871
5322	1:20,000	1934
5409	1:20,000	1934

Manuscripts T-9668, T-9669 supercede all the above surveys in common areas as source material for use in chart construction.

63. Comparison with Maps of Other Agencies

USGS	Morgan Harbor	1:31,680	1935
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64. Comparison with Contemporary Hydrographic Surveys

None

65. Comparison with Nautical Charts

Chart 1270	1:80,000	2nd Ed. 1947	12/17/56
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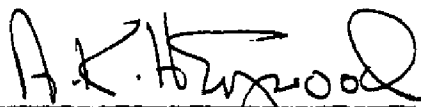
66. Adequacy of Results and Future Surveys

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

The terrain is completely marsh with not roads and one house. In view of this not Field Edit was needed.

The compilation was compared with USC&GS 1955 "W" camera photography. No changes were made.

Reviewed by:


A. K. Heywood

Approved:

L. C. Landy

Chief, Review Branch
Photogrammetry Division

May Skellett

Chief, Nautical Chart Branch
Charts Division

P. W. Swanson

Chief, Photogrammetry Div.

21 March 1958

V. R. R. R.

Chief, Coastal Surveys Division.