

10338

Diag. Cht. No. 1240-2.

Form 504

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey Planimetric

Field No. Ph-154 Office No. T-10338

LOCALITY

State South Carolina

General locality Beaufort River

Locality Burton

1955

CHIEF OF PARTY

J.E. Waugh, Chief of Field Party
W.F. Deane, Balto. District Officer

LIBRARY & ARCHIVES

DATE October 31, 1961

USCOMM-DC 5087

10338

DESCRIPTIVE REPORT - DATA RECORD

T - 10338

Ph-154

Project No. (II): 6654 Quadrangle Name (IV):

Field Office (II): Burton, S. C.

Chief of Party: J. E. Waugh

Photogrammetric Office (III): Baltimore, Maryland

Officer-in-Charge: W. F. Deane

Instructions dated (II) (III): 16 August 1955 (Field and Office)

Copy filed in Division of
Photogrammetry (IV)

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:10,000

Stereoscopic Plotting Instrument Scale (III):

Scale Factor (III): 1.000

Date received in Washington Office (IV):

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV): 25 Feb 1960

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): WOODS, 1933

Lat.: 32° 28' 21.896" (674.5 m) Long.: 80° 41' 52.607" (1373.7 m) Adjusted
~~unchanged~~

Plane Coordinates (IV):

State: S. C.

Zone: South

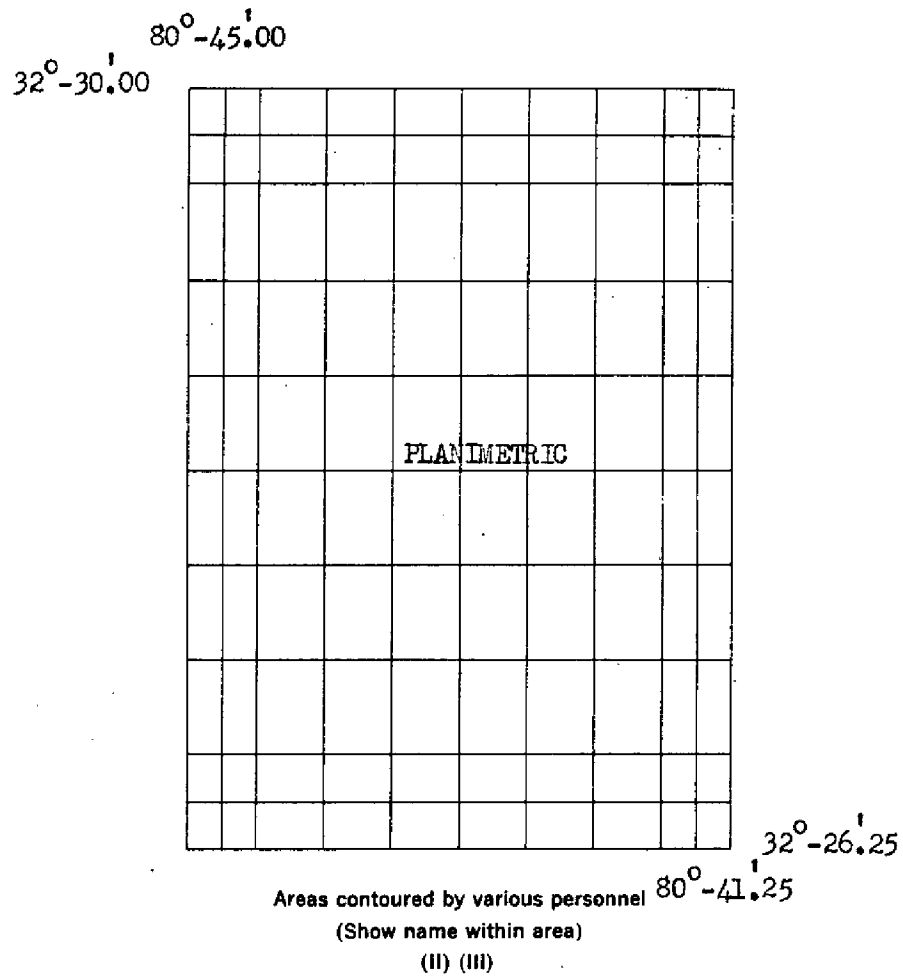
Y=

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

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): Richard H. Houlder
Martin C. Moody
John S. Winter

Date: Oct.-Nov. 1955
Dec. 1955-Jan. 1956
Jan. 1956

Planetable contouring by (II):

Date:

Completion Surveys by (II):

Date:

Mean High Water Location (III) (State date and method of location): 1955 (photographs) located by field inspection and office interpretation.

Projection and Grids ruled by (IV): A. Riley

Date: 10/6/55

Projection and Grids checked by (IV): A. Riley

Date: 10/6/55

Control plotted by (III): F. Lampton

Date: 5/31/56

Control checked by (III): E. L. Williams

Date: 6/6/56

Radial Plot ~~and Stereoscopic~~

Date: 9/4/56

~~Control extended~~ by (III): L. A. Senasack

Stereoscopic Instrument compilation (III):

Planimetry

Date:

Contours

Date:

Manuscript delineated by (III): J. Honick

Date: 3/23/59

Photogrammetric Office Review by (III): R. Glaser

Date: 4/21/59

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

Date:

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): C&GS Nine-lens and single lens "W" cameras

Number	Date	PHOTOGRAPHS (III) Time	Scale	Stage of Tide
49524, 49525	3/24/55	1003	1:10,000	7.3' above MLW
49533 - 49536	"	1012	"	7.4' " "
58-W-2722 - 2724	11/16/58	1028	"	5.2' " "

Tide (III)
From Predicted Tide Tables

Reference Station: Savannah River Entrance
Subordinate Station: Brickyard Pt.
Subordinate Station: Beaufort

Ratio of Ranges	Mean Range	Spring Range
	6.9	8.1
	7.3	8.5
	7.4	8.7

Washington Office Review by (IV):

A. L. Fungor

Date: 2/3/60

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 15

Shoreline (More than 200 meters to opposite shore) (III): 8 mi.

Shoreline (Less than 200 meters to opposite shore) (III): 32 mi.

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): * ²⁸ ~~14~~ Recovered: * 9 Identified: 2

Number of BMs searched for (II): ~~14~~ one Recovered: 0 Identified:

Number of Recoverable Photo Stations established (III): None

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

Remarks:

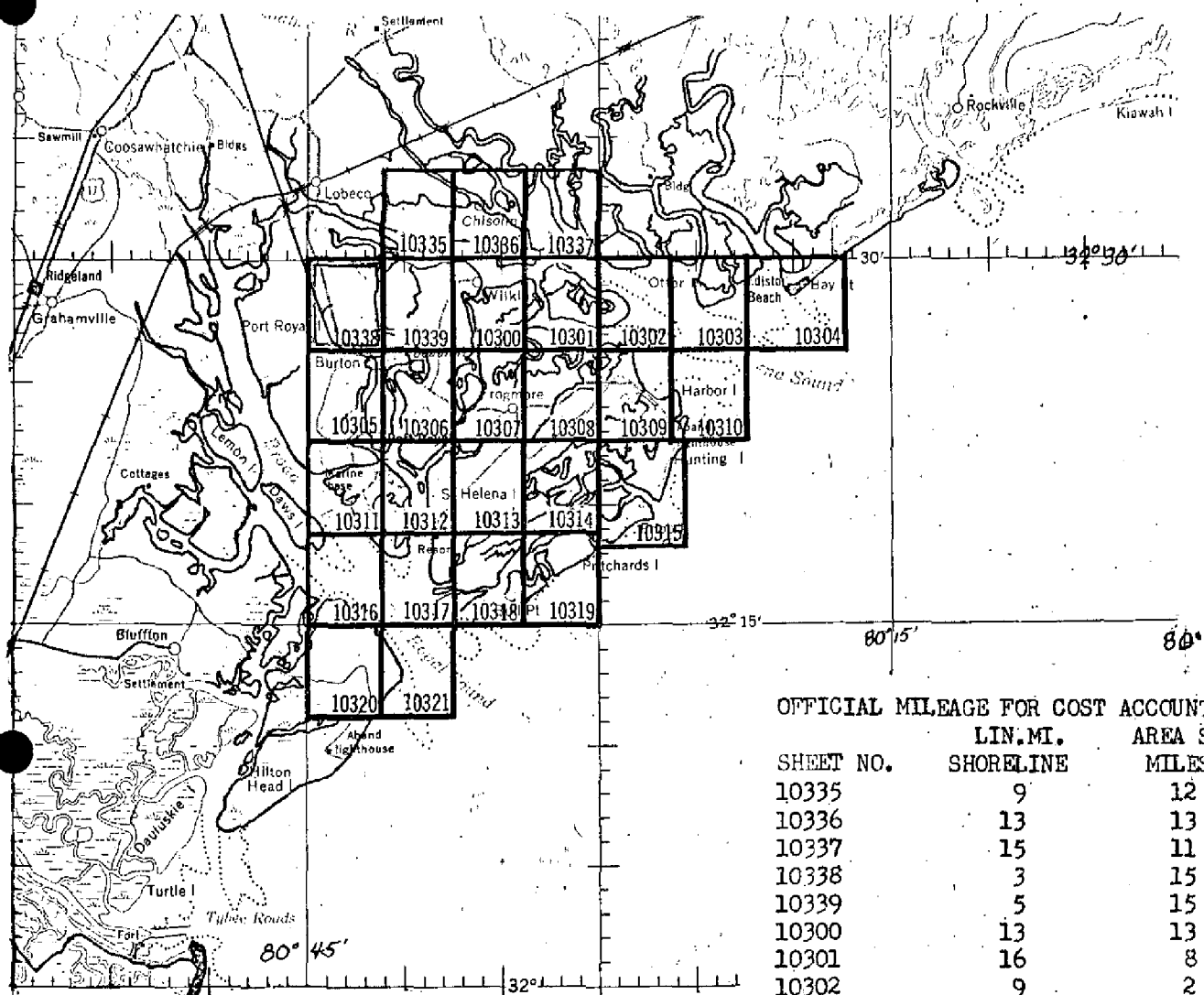
* Includes one station north of the map.

In addition, one triangulation station was established in 1956.

SHORELINE MAPPING PROJECT 6154

ST. HELENA SOUND TO PORT ROYAL SOUND; S. CAROLINA

5



OFFICIAL MILEAGE FOR COST ACCOUNTS

SHEET NO.	LIN. MI. SHORELINE	AREA SQ. MILES
10335	9	12
10336	13	13
10337	15	11
10338	3	15
10339	5	15
10300	13	13
10301	16	8
10302	9	2
10303	9	3
10304	7	3
10305	6	15
10306	13	13
10307	8	14
10308	3	15
10309	13	11
10310	3	1
10311	9	12
10312	16	12
10313	6	15
10314	13	13
10315	13	8
10316	9	2
10317	8	4
10318	13	9
10319	9	4
10320	4	15
10321	5	1

TOTALS 250

259

FIELD INSPECTION REPORT
Project 6154
Map T-10338

Please refer to the Field Inspection Report for Map
T-10306 for all data pertaining to this map.

30 JAN 1956

Leo F. Beugnet
Leo F. Beugnet
Cartographic Survey Aid

30 JAN 1956

Approved and Forwarded:

J. E. Waugh
J. E. Waugh
CDR, C & GS
Chief of Party

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

MAP T 10338

PROJECT NO Ph-154

SCALE OF MAP 1:10,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ϕ -COORDINATE LONGITUDE OR λ -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)
HILL, 1924	G-4397 p. 291	N.A. 1927	32	29 29.263				901.4	(946.8)		
			80	45 02.356				61.5	(1504.9)		
Sub. Pt. HILL, 1924		"	32	29				984.6	(863.6)		
			80	45				89.2	(1477.2)		
BF 68, S.C.G.S., 1934	Southern S.C.Part 2, p. 3	"		224,107.26		4107.26 (892.74)		1251.9	(272.1)		
				2,082,512.65		2512.65 (2487.35)		765.9	(758.1)		
Sub. Pt. BF 68, 1934		"		223,959.94		3959.94 (1040.06)		1207.0	(317.0)		
				2,082,605.23		2605.23 (2394.77)		794.1	(729.9)		
BF 66, S.C.G.S., 1934	Southern S.C.Part 2, p. 3	"		231,128.01		1128.01 (3871.99)		343.8	(1180.2)		
				2,079,948.39		4948.39 (51.61)		1508.3	(15.7)		
EF 69, S.C.G.S., 1934	"	"		222,208.80		2208.80 (2791.20)		673.2	(850.8)		
				2,083,906.49		3906.49 (1093.51)		1190.7	(333.3)		
KIM 2, 1956	Field Compu- tation	"	32	29 19.542				602.0	(1246.2)		
			80	42 01.812				47.3	(1519.2)		
ABER, 1933	G-1677 p. 81	"	32	26 52.187				1607.5	(240.7)		
			80	41 28.994				757.4	(809.8)		
WOODS, 1933	G-1677 p. 81	"	32	28 21.896				674.5	(1173.7)		
			80	41 52.607				1373.7	(193.1)		
U.S.E., 1933	G-1677 p. 83	"	32	27 54.647				1683.3	(164.9)		
			80	41 31.606				825.4	(741.5)		
GRAY AZ. MK. R.M. 2, S.C.G.S., 1934	Southern S.C.Part 2, p. 11	"		238,702.38		3702.38 (1297.62)		1128.5	(395.5)		
				2,077,235.52		2235.52 (2764.48)		681.4	(842.6)		
8A (U.S.E.) R. M. 1, 1933		"	32	29				862.0	(986.2)		
			80	41				395.0	(1171.4)		

1 FT. = 3048006 METER

COMPUTED BY A. W. Willis

DATE 5/14/56

CHECKED BY J. Steinberg

DATE 5/24/56

COMM-DC-57843

COMPILATION REPORT
T-10338

The photogrammetric plot report covering the area of this manuscript is a part of Descriptive Report, T-10307.

31. DELINEATION

The manuscript was delineated by graphic methods using 1955 photographs which were field inspected late in 1955 and early in 1956.

In November 1958, three photographs were taken with the "W" camera covering the area of the Marine Corps Auxiliary Landing Field which is undergoing extensive changes.

In March 1959 these "W" photographs were furnished to the compilation office for revision of the landing field area. Some difficulty was experienced in using these photographs because of scale factor, poor definition and clouds.

While revision was confined to the area within the landing field boundary, other changes were noted outside the area. The most important of these seems to be a new road extending southward from U. S. Highway 21 starting at a point just east of Burton. Since there was not sufficient photograph coverage to make this revision south into T-10305, only the road intersection with U. S. 21 was shown. The other changes, most of which appear to be due to construction still in progress at the time of the new photography, were not shown.

32. CONTROL

The identification, density and placement of horizontal control was satisfactory.

33. SUPPLEMENTAL DATA

An annotated copy of the A.M.S. Fort Fremont S. C. quadrangle, scale 1:50,000 was used for geographic names.

34. CONTOURS AND DRAINAGE

Contours: Not applicable.
Drainage: No comment.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline inspection was adequate.

The marsh and mud areas along Brickyard Creek were delineated by office interpretation of the photographs. Where the marsh islets were sufficiently small and scattered, they were shown as grass in water.

The low water lines were furnished for the most part by the field party.

36. OFFSHORE DETAILS

No comment.

37. LANDMARKS AND AIDS

Forms 567 for ten aids to navigation, and one landmark to be charted were submitted on 1 October 1957.

Form 567 for one landmark to be deleted was submitted by the field party.

Brickyard Creek Daybeacons 216 and 222 have been reported destroyed (Notice to Mariners) since field inspection and have therefore been omitted from the manuscript.

38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

Junctions have been made and are in agreement with T-10339 to the east and T-10305 to the south.

No contemporary surveys to the north and west.

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41. through 45.

Inapplicable.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with the following:

1. A.M.S. Quadrangle Fort Fremont, S. C., scale 1:50,000, published 1948.
2. T-5189, Broad River and Vicinity, scale 1:20,000, photographs of 1933.
3. T-5208, Beaufort, scale 1:10,000, photographs of 1933.

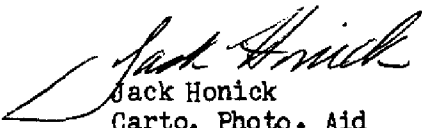
47. COMPARISON WITH NAUTICAL CHARTS

This manuscript has been compared with chart No. 838, scale 1:40,000, published 3/24/52, revised 6/24/57 and corrected to 7/10/57.

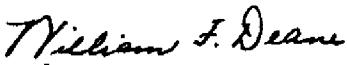
Items to be applied to nautical charts immediately: None.

Items to be carried forward: None.

Respectfully submitted
23 March 1959


Jack Honick
Carto. Photo. Aid

Approved and Forwarded


William F. Deane,
CDR, C&GS
Baltimore District Officer

48. GEOGRAPHIC NAME LIST

Albergottie Creek
Allen Chapel Church & Cemetery
Ann Pt. Church

Beaufort
Beaufort County
Beaufort Industrial Training School
* Brickyard Creek
Burton

Charleston & Western Carolina R.R.

Grays Hill

Horsepond Church

Intracoastal Waterway

Jordon Church

Marine Corps Auxiliary Landing Field
Mulligan Creek

New Hope Cemetery

Pilgrim Cemetery
Port Royal Island

Rose Hill Church & Cemetery

S.C. 280 (highway)
Second Grays Hill Church
Sparrow Pt. Cemetery
St. John Church

U.S. 21 (highway)

* B.G.N. Decision

George M. Ball
Geographic Names Section
1 September 1959

4-21-59

PHOTOGRAMMETRIC OFFICE REVIEW

T-10338

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

4a. Classification label ☒

CONTROL STATIONS

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

ALONGSHORE AREAS

(Nautical Chart Data)

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

PHYSICAL FEATURES

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

CULTURAL FEATURES

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

BOUNDARIES

31. Boundary lines ☒ 32. Public land lines ☒

MISCELLANEOUS

33. Geographic names ☒ 34. Junctions ☒ 35. Legibility of the manuscript ☒ 36. Discrepancy overlay ☒ 37. Descriptive Report ☒ 38. Field inspection photographs ☒ 39. Forms ☒
40. E. Glaser Joseph Steinberg
Reviewer 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:

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY~~NONFLOATING AIDS OR LANDMARKS FOR CHARTS~~~~TO BE DELETED~~
STRIKE OUT ONE

Photogrammetric Party 1 11 January, 1956

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

The positions given have been checked after listing by J. E. Waugh

/s/ J. E. Waugh

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*									
				° ' "	D.M. METERS	° ' "	D.P. METERS								
SOUTH CAROLINA	AERO	Beaufort County Airport		32 28.4		80 43.5			T-10338		X	X		794, 1240	

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

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

ACQUITTAL

NONEXHAUSTIVE AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED } STRIKE OUT ONE

Belmore, Maryland

1 Oct., 1957

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

The positions given have been checked after listing by F. J. Tarcea

W. F. Tene

Chief of Party.

[illegible]

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**

M-2836-3

**Refer to Descriptive Report T-10306
for a Review Report covering this manuscript.**

Reviewed by

A. K. Heywood
A. K. Heywood

Approved by

L. C. Lande
L. C. Lande
Chief, Review Section

J. Bowie
Chief, Coastal Surveys
Division

L. F. Woodcock
Asst. L. W. Swanson, Chief
Photogrammetry Division

Chief, Chart Division

NAUTICAL CHARTS BRANCH

SURVEY NO. *T-10338*

Record of Application to Charts

Reviewed 2/10/60

[illegible]

M.2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.