

10339

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-10339

LOCALITY

State South Carolina

General locality Beaufort River

Locality Ladies Island

1955

CHIEF OF PARTY

J.E. Waugh, Photogrammetric Party 1
W.F. Deane, Balto. District Officer

LIBRARY & ARCHIVES

DATE October 31, 1961

USCOMM-DC 5087

10339

DESCRIPTIVE REPORT - DATA RECORD

T - 10339

Ph-154

Project No. (II): *6464* Quadrangle Name (IV):

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

Chief of Party: J. E. Waugh

Photogrammetric Office (III): Baltimore, Md.

Officer-in-Charge: William 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): JENKINS, 1933

Lat.: 32° 27' *41.464"* (1277.2 m) Long.: 80° 39' *44.490"* (1161.9 m)

Adjusted
~~Horizontal~~

Plane Coordinates (IV):

State:

Zone:

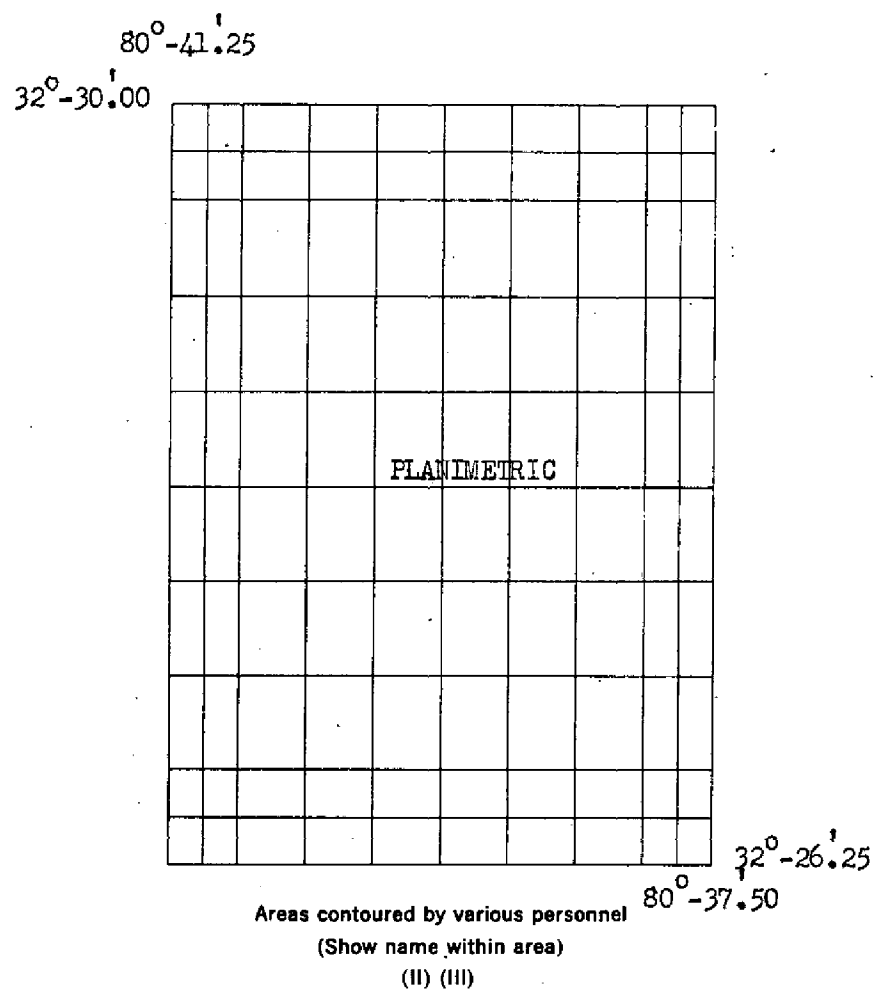
Y=

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

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

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

Date: Nov. 1955
Oct 1955 - Jan 1956

Planetable contouring by (II):

Date:

Completion Surveys by (II):

Date:

Mean High Water Location (III) (State date and method of location): Photographs dated 3/24/55
supplemented by field inspection.

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

Date: 9/21/55

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

Date:

Control plotted by (III): R. Glaser
F. Lampton

Date: 11/7/55
5/31/56

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

Date: 11/16/55
6/6/56

Radial Plot or Stereoscopic L. A. Senasack
Control extension by (III):

Date: 9/4/56

Stereoscopic Instrument compilation (III):
Planimetry
Contours

Date:

Date:

Manuscript delineated by (III): B. Wilson

Date: 11/12/58

Photogrammetric Office Review by (III): R. Glaser

Date: 12/12/58

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

Date:

DESCRIPTIVE REPORT - DATA RECORD

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Camera (kind or source) (III): C&GS nine-lens

Number	Date	Time	Scale	Stage of Tide
49485	3/24/55	0936	1:10,000	7.7' above MLW
49526-7	"	1005	"	7.3' " "
49533	"	1011	"	7.4' " "

Tide (III) From Predicted Tables

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

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

Washington Office Review by (IV):

A. K. Hargwood

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): 13½ sq. mi.

Shoreline (More than 200 meters to opposite shore) (III): 10 mi

Shoreline (Less than 200 meters to opposite shore) (III): 18 mi

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): 15

Recovered: 8

Identified: 4

Number of BMs searched for (II):

Recovered:

Identified:

Number of Recoverable Photo Stations established (III):

None

Number of Temporary Photo Hydro Stations established (III):

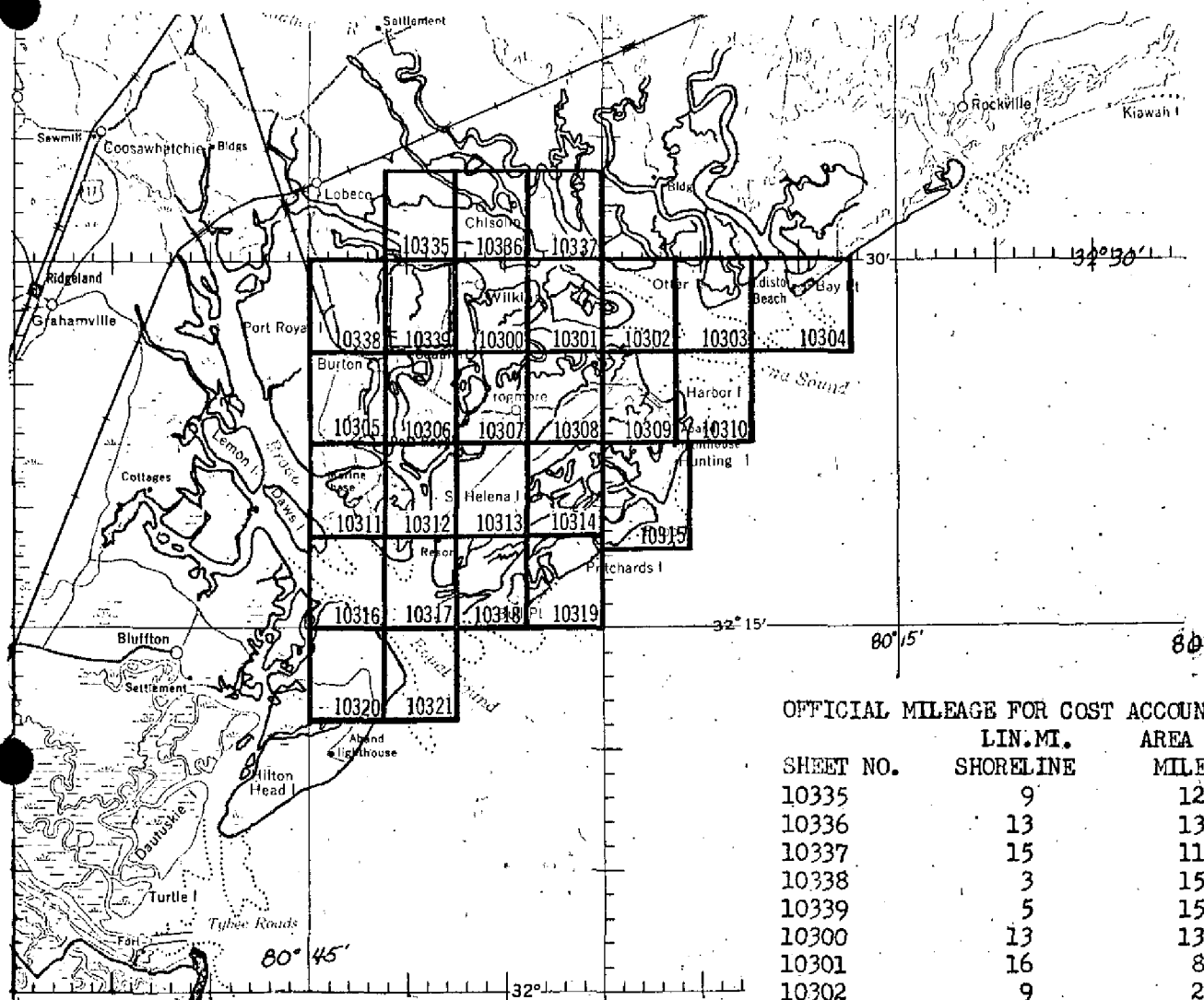
None

Remarks:

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-10339

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-10339

PROJECT NO. Ph-154

SCALE OF MAP 1:10,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ψ -COORDINATE LONGITUDE OR χ -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)	
AUSTIN, 1933	p. 74	N.A. 1927	32	29 49.319			1519.2	(329.0)	
			80	37 30.728			802.2	(764.2)	
Sub. Pt. AUSTIN		"	32	29			1487.9	(360.3)	
			80	37			787.1	(779.3)	
PIGEON, 1933	p. 82	"	32	27 05.433			167.4	(1680.8)	
			80	40 15.213			397.4	(1169.8)	
Sub. Pt. PIGEON	p. 82	"	32	27			158.8	(1689.4)	
			80	40			392.6	(1174.6)	
6A (U.S.E.), 1933	G-1677 p. 83	"	32	29 09.48			292.0	(1556.2)	
			80	41 10.63			277.6	(1289.0)	
Sub. Pt. 6A (U.S.E.) 1933		"	32	29			295.2	(1553.0)	
			80	41			271.2	(1295.4)	
BEAUFORT NATIONAL CEMETERY FLAGPOLE, 1933	G-1677 p. 84	"	32	26 23.30			717.7	(1130.5)	
			80	40 48.28			1261.2	(306.2)	
BARNWELL DOCK LIGHT, 1933	G-1677 p. 84	"	32	27 28.658			882.8	(965.4)	
			80	41 13.512			352.9	(1214.2)	
JENKINS, 1933	G-1677 p. 82	"	32	27 41.164			1277.2	(571.0)	
			80	39 44.490			1161.9	(405.1)	1
ONE A (U.S.E.), 1933	G-1677 p. 83	"	32	27 30.915			952.3	(895.9)	8
			80	41 11.763			307.2	(1259.8)	1
BARNWELL, 1933	G-1677 p. 81	"	32	27 31.162			959.9	(888.3)	
			80	41 09.443			246.6	(1320.4)	

DATE 11/7/55

CHECKED BY: F. M. Wisiecki

DATE 11/10/55

COMPILATION REPORT
T-10339

The photogrammetric plot report is a part of Descriptive Report, T-10307.

31. DELINEATION

The street pattern in Beaufort is probably delineated satisfactorily, however where trees obscure the detail field inspection would have been helpful.

The Beaufort city map in the boundary report was helpful, but its usefulness was minimal due to its age.

32. CONTROL

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

33. SUPPLEMENTAL DATA

An unofficial city map of Beaufort, S. C. dated November 1948 was furnished. (see item 31)

34. CONTOURS AND DRAINAGE

Contours: Not applicable.
Drainage: No comment.

35. SHORELINE AND ALONGSHORE DETAILS

Shoreline inspection was adequate.

The major portion of the manuscript was delineated from high-water photographs on which the field party had inspected some low-water lines. One low-water photograph which reached into the southern part of the survey was office interpreted to delineate several mud areas along Factory Creek.

36. OFFSHORE DETAILS

No comment.

37. LANDMARKS AND AIDS

No landmarks were recommended for this survey.

Form 567 for six aids to navigation has been previously submitted. There was no field information available to locate Daybeacon 211.

38. CONTROL FOR FUTURE SURVEYS

Form 524 for COLONY AZ MK, initiated in the compilation office, is herewith submitted.

39. JUNCTIONS

Junctions have been made and are in agreement with:

T-10335 to the north,
T-10306 to the south,
T-10300 to the east,
T-10338 to the west.

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41 thru 45 - Inapplicable.

46. COMPARISON WITH EXISTING MAPS

1. A.M.S. Fort Fremont, S. C. quadrangle, scale 1:50,000 dated 1948.
2. C&GS, T-5208, Beaufort, scale 1:10,000 from 1933 photographs.

47. COMPARISON WITH NAUTICAL CHARTS

Chart 794, scale 1:40,000, published January 15, 1937 and corrected to August 18, 1956.

Items to be applied to nautical charts immediately: None.


Items to be carried forward: None.

Respectfully submitted
12 December 1958



R. Glaser
Carto. (Photo.)

Approved and Forwarded


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

48. GEOGRAPHIC NAME LIST

Beaufort
Beaufort National Cemetery
Beaufort River

* Brickyard Creek
Broomfield Church

* Coosaw River

Evergreen Cemetery

Factory Creek

Israelite Church
Intracoastal Waterway

Ladies Island
Ladies Island Church
Ladies Island Country Club Golf Course

Pigeon Point
Pleasants Point
Port Royal Island

Robert Smalls High School
Rock Springs Creek

S.C. 802 (highway)

U.S. 21 (highway)

* B.G.N. Decisions

George M. Bree
Geographic Names Section
1 September 1959

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PHOTOGRAMMETRIC OFFICE REVIEW

T-10339

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

CONTROL STATIONS

4a. Classification label ☒

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. R. G. G. G.
Reviewer

Joseph Steinberg
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:

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TO BE CHARTED

STRIKE OUT ONE

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

Baltimore, Maryland

1 October 1957

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

The positions given have been checked after listing by

W. F. Deane

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

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

Received by

A. K. Fugate
A. K. Fugate

Approved by

L. E. Lande
L. E. Lande
Chief, Review Section

L. Z. Woodcock
Asst. L. Z. Woodcock, Chief
Photogrammetry Division

G. Bowie
Chief, Coastal Survey
Division

Chief, Maps Division

NAUTICAL CHARTS BRANCH

SURVEY NO. *T-10339*

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.