

10335

Diag. Cht. No. 1240-2 and Insert.

Form 504

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey Planimetric

Field No. Ph-154 Office No. T-10335

LOCALITY

State South Carolina

General locality Coosaw River

Locality Chisolm Islands

1955

CHIEF OF PARTY

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

LIBRARY & ARCHIVES

DATE October 31, 1961

USCOMM-DC 5087

10335

DESCRIPTIVE REPORT - DATA RECORD

T - 10335

Ph-154

Project No. (II): 10154 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):

MAY 26 1959
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): GREGG, 1933

Lat.: 32° 31' 25.547" (786.9 m) Long.: 80° 40' 15.160" (395.6 m)

Adjusted

~~Unadjusted~~

Plane Coordinates (IV):

State: South Carolina Zone: South

Y=

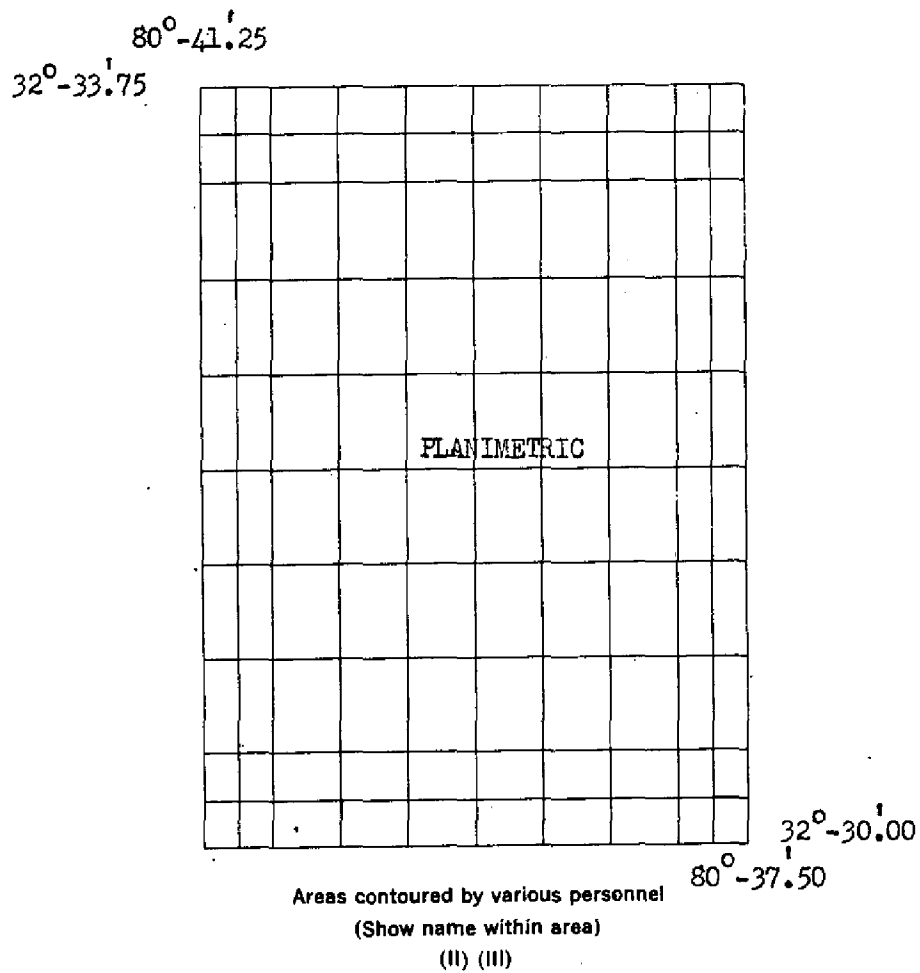
X=

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): Leo F. Beugnet

Date: Sept. 1955

Planetable contouring by (II):

Date:

Completion Surveys by (II):

Date:

Mean High Water Location (III) (State date and method of location): March 24, 1955, Date of
Photographs and September 1955 - field inspection

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

Date: 9/20/55

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

Date: 9/20/55

Control plotted by (III): R. Glaser

Date: 11/16/55

Control checked by (III): A. Queen

Date: 11/16/55

Radial Plot or Stereoscopic

Date: 9/4/56

Control extension by (III): Leroy A. Senasack

Planimetry

Date:

Stereoscopic Instrument compilation (III):

Contours

Date:

Manuscript delineated by (III): B. Wilson

Date: 8/27/58

Photogrammetric Office Review by (III): R. Glaser

Date: 10/1/58

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	PHOTOGRAPHS (III)		Scale	Stage of Tide		
	Date	Time				
49527	3/24/55	1005	1:10,000	7.4'	above	MLW
49528	"	"	"	6.3	"	"
49530	"	1009	"	6.1	"	"
49531	"	1010	"	6.1	"	"
49532	"	1011	"	7.1	"	"
49533	"	1011	"	7.4	"	"

Tide (III) From Predicted tables

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

Ratio of Ranges	Mean Range	Spring Range
	6.9	8.1
	7.3	8.5
	6.6	7.8

Washington Office Review by (IV):

Date: 2/5/60

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 12

Shoreline (More than 200 meters to opposite shore) (III): 16 mi.

Shoreline (Less than 200 meters to opposite shore) (III): 16 mi.

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): * 18 Recovered: 10 Identified: 3

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:

* In addition the following statistics are given for stations north and west of the map:

Searched for: 11

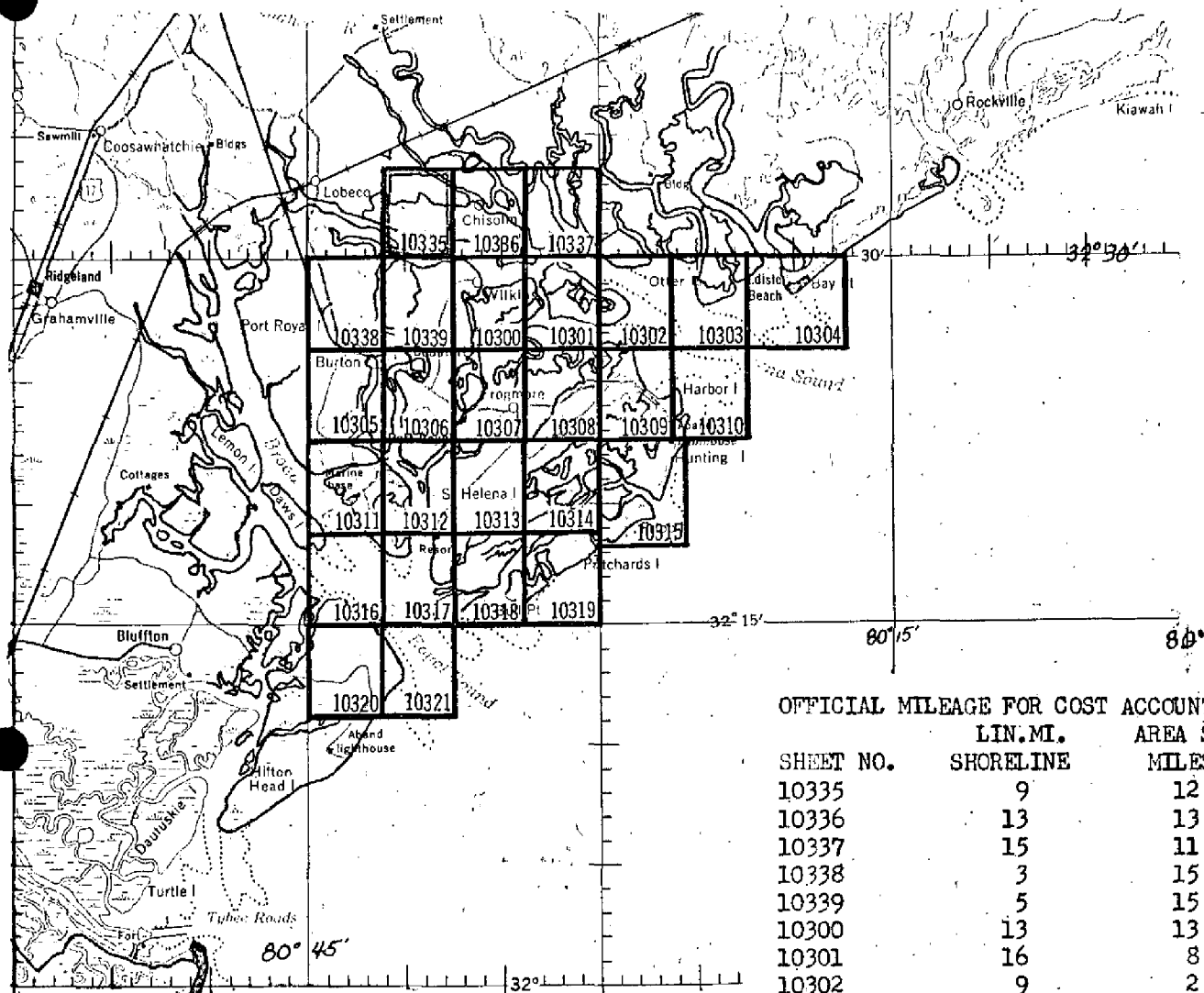
Recovered: 8

Identified: 3

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-10335

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 10335

PROJECT NO Ph-154

SCALE OF MAP 1:10,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR μ -COORDINATE LONGITUDE OR x -COORDINATE		DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS	DATUM CORRECTION	N.A. 1927-DATUM FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
			ϕ	λ			FORWARD	(BACK)	
CHISHOLM SPIRE, 1933	p. 75	NA 1927	32	31	54.68		1684.4	(163.8)	
			80	37	52.89		1380.2	(185.5)	
SANDERS, 1933	p. 74	"	32	31	34.704		1069.0	(779.2)	
			80	38	29.479		769.3	(796.5)	
SANDERS, 1933 Sub. Pt.	"	"	32	31			1053.9	(794.3)	
			80	38			768.7	(797.1)	
Sub. Pt. STEWART, 1933	"	"	32	31			1058.3	(789.9)	
			80	42			1122.1	(443.8)	
RAINEY, 1934	G-2184 p. 179	"	32	33	46.024		1417.7	(430.5)	
			80	39	02.772		72.3	(1492.9)	
Sub. Pt. RAINEY, 1934	"	"	32	33			1305.1	(543.1)	
			80	39			61.7	(1503.5)	
BF 809 SCGS, 1934	p. 8 Southern S.C. Part 2	"	257	405.91	2,405.91	(2,594.09)	733.3	(790.7)	
			2	096.788.95	1,788.95	(3,211.05)	545.3	(978.7)	
Sub. Pt. BF 809 SCGS, 1934	"	"	257	615.18	2,615.18	(2,384.82)	797.1	(726.9)	
			2	096.709.06	1,709.06	(3,290.94)	520.9	(1003.1)	
BF 810 SCGS, 1934	p. 8 Southern S.C. Part 2	"	255	765.14	765.14	(4,234.86)	233.2	(1290.8)	
			2	097.607.02	2,607.02	(2,392.98)	794.6	(729.4)	
BF 813 SCGS, 1934	"	"	253	792.86	3,792.86	(1,207.14)	1156.1	(367.9)	
			2	102.925.51	2,925.51	(2,074.49)	891.7	(632.3)	
BF 814 SCGS, 1934	"	"	253	533.21	3,533.21	(1,466.79)	1076.9	(447.1)	
			2	105.092.92	92.92	(4,907.08)	28.3	(1495.7)	
BF 817 SCGS, 1934	"	"	254	182.06	4,182.06	(817.94)	1274.7	(249.3)	
			2	113.359.22	3,359.22	(1,640.78)	1023.9	(500.1)	

1 FT. = 3048006 METER

COMPUTED BY R. Glaser

DATE 11/4/55

CHECKED BY F. M. Wisiecki

DATE 11/9/55

COMM-DC-57843

SCALE FACTOR

1 FT. = 30.48006 METER	DATE	5/14/56	DATE	5/15/56
COMPUTED BY: A. W. Willis			CHECKED BY: J. Steinberg	
COMM-DC-57843				

COMPILATION REPORT
T-10335

- 10 -

The Photogrammetric Plot Report is a part of Descriptive Report for T-10307.

31. DELINEATION

The manuscript was compiled by graphic methods.

The photographs did not provide stereo coverage in the extreme northwest corner of the manuscript.

32. CONTROL

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

33. SUPPLEMENTAL DATA

An annotated copy of A.M.S. Green Pond, S. C. quadrangle was used for geographic names.

34. CONTOURS AND DRAINAGE

Contours: Inapplicable.

Drainage: No comment.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline inspection was adequate.

The delineation of low water lines are based on data furnished by the field party.

36. OFFSHORE DETAILS

No comment.

37. LANDMARKS AND AIDS

Forms 567 covering the area of this manuscript have been previously submitted. Since then however, Coosaw River Daybeacon 204 has been discontinued and Coosaw River Lights 198 and 200 have been rebuilt. These aids have been removed from the manuscript.

38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

Junctions have been made and are in agreement with T-10336 to the east and with T-10339 to the south.

There are no contemporary surveys to the north or west.

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41 thru 45.

Not applicable.

46. COMPARISON WITH EXISTING MAPS

The manuscript has been compared with the following maps:

1. A.M.S. Green Pond, S. C. quadrangle, scale 1:50,000, published 1948.
2. C&GS Air Photo Compilation T-5189, Broad River and Vicinity, scale 1:20,000, photographs of 1933.
3. C&GS Air Photo Compilation T-5207, Coosaw River, scale 1:10,000, photographs of 1933.
4. C&GS Air Photo Compilation T-5208, Beaufort, scale 1:10,000, photographs of 1933.

47. COMPARISON WITH NAUTICAL CHARTS

Chart 794, scale 1:40,000, published January 1937, corrected to April 1955.

Items to be applied to nautical charts immediately: None.

Items to be carried forward: None.

Respectfully submitted
27 August 1958

Bernice Wilson

Bernice Wilson
Carto. Photo. Aid

Approved and forwarded

William F. Deane
William F. Deane,

CDR C&GS
Baltimore District Officer

48. GEOGRAPHIC NAME LIST

* Brickyard Creek
Brickyard Point
Beaufort County

Chisolm Islands
Church of Christ

* Coosaw River

Dale

Intracoastal Waterway

Jack Island

Keans Neck

Ladies Island

McCalleys Creek

Port Royal Island

South Wimbee Creek

Williman Islands
Wimbee Creek

* B.G.N. Decisions

George M. Dale
Geographic Names Section
1 September 1959

10-3-58

50.

PHOTOGRAMMETRIC OFFICE REVIEW

T. 10335

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. Blaser Reviewer Joseph Stenberg 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:

~~TO/BE/CHARGED/~~
TO BE DELETED

Photogrammetric Party No. 1
1/11 1956

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

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

J. E. Waugh

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

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TO BE CHARTED } **STRIKE OUT ONE**

THE LOST / THE FOUND

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

STRIKE OUT ONE

Baltimore, Maryland

October 1, 1957

I recommend that the following objects which have ~~not~~ been inspected from seaward to determine their value as landmarks be charted on ~~the~~ the charts indicated.

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

[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.

Reviewed by

A. E. Raymond
A. E. Raymond

Approved by

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

J. Bowie
Chief, Coastal Survey
Division

L. F. Woodward
Asst. L. F. Woodward, Chief
Photogrammetry Division

Chief, Chart Division

NAUTICAL CHARTS BRANCH

SURVEY NO. T-10335

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.