

10307

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-10307

LOCALITY

State South Carolina

General locality St. Helena Island

Locality Frogmore

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

10307

DESCRIPTIVE REPORT - DATA RECORD

T-10307

Ph-154

Project No. (II): ~~6154~~ Quadrangle Name (IV):

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

Chief of Party: J. E. Waugh

Photogrammetric Office (III): Baltimore, Md.

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): 23 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): CORRA 2, 1955

Lat.: 32° 24' 42.520" (1309.7 m) Long.: 80° 36' 03.109" (81.2 m)

Adjusted

~~unadjusted~~

Plane Coordinates (IV):

State: S. C.

Zone: South

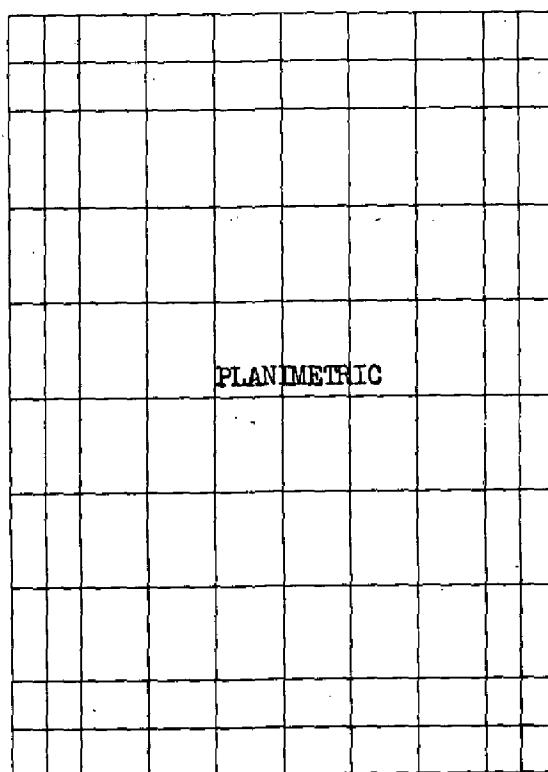
Y=

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



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

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): J. S. Winter
J. L. Mann
R. H. Houlder

Date: Sept. to Oct. 1955
Oct. 1955
Oct. 1955

Planetable contouring by (II):

Date:

Completion Surveys by (II):

Date:

Mean High Water Location (III) (State date and method of location):

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

Date: 9/22/55

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

Date: 9/22/55

Control plotted by (III): L. A. Senasack

Date: 8/28/56

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

Date: 8/28/56

Radial Plot ~~no Stereoscopic~~ Leroy A. Senasack
~~Contouring~~ by (III):

Date: 9/4/56

Planimetry
Stereoscopic Instrument compilation (III):
Contours

Date:

Date:

Manuscript delineated by (III): Judson Council

Date: 11/26/58

Photogrammetric Office Review by (III): R. Glaser

Date: 12/23/58

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

Date:

DESCRIPTIVE REPORT - DATA RECORD

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

4

Number	Date	PHOTOGRAPHS (III)		Scale	Stage of Tide
		Time			
49393	3/23/55	1529		1:10,000	0.1' above MLW
49394	"	1530		"	0.0' (at MLW)
49444	"	1608		"	1.0' above MLW

Tide (III)
From predicted tide tables

Reference Station: **Savannah River Entrance Ent.**
Subordinate Station: **Lucy Point Creek Entrance**
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range
	6.9	8.1
	6.8	8.0

Washington Office Review by (IV):

Date:

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): **14**

Shoreline (More than 200 meters to opposite shore) (III): **12 mi.**

Shoreline (Less than 200 meters to opposite shore) (III): **25 mi.**

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): **15*** Recovered: **6** Identified: **3**

Number of BMs searched for (II): **11** Recovered: **3** Identified: **0**

Number of Recoverable Photo Stations established (III): **None**

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

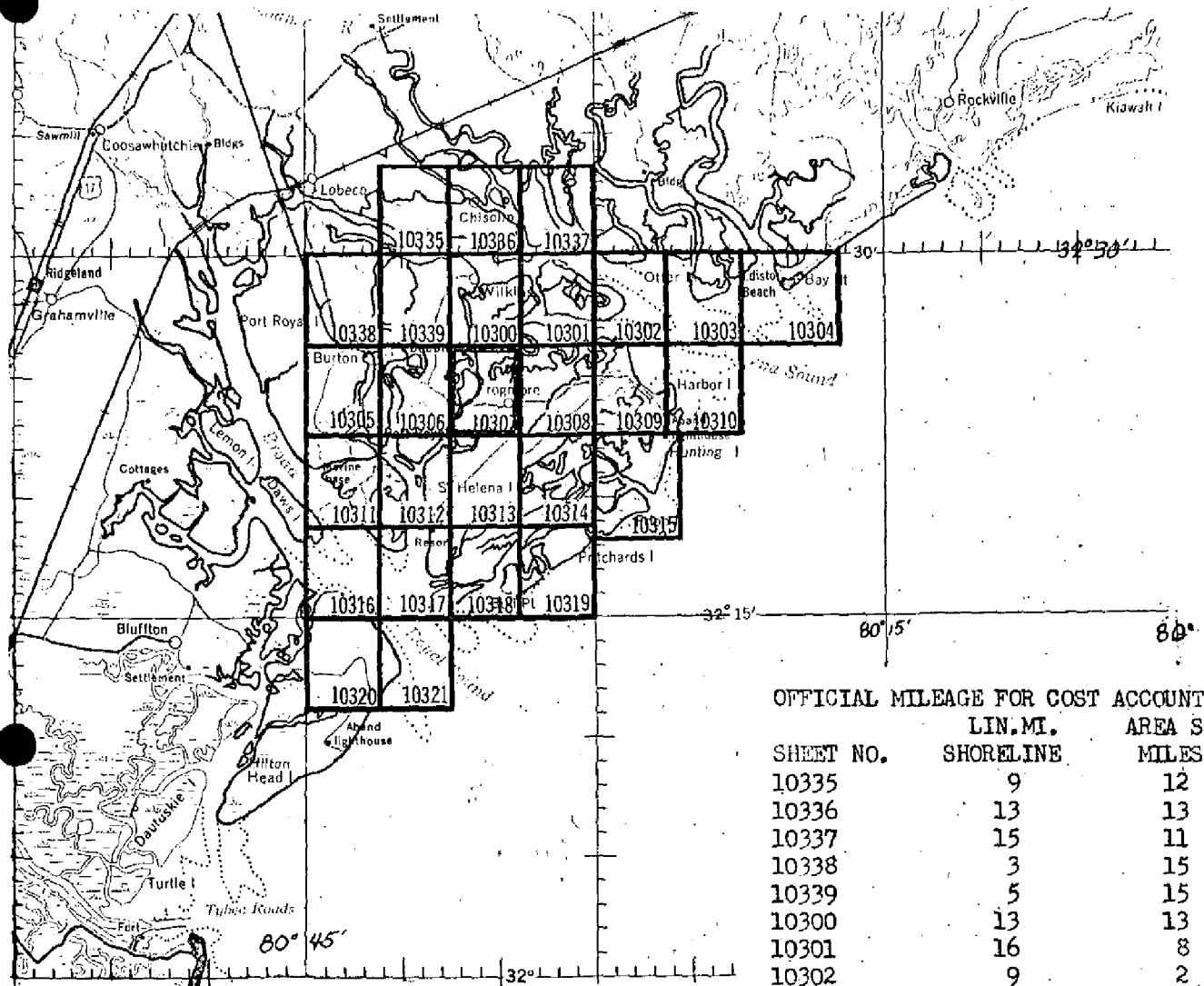
Remarks:

* In addition, one third-order station established, but not identified.

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

Maps
T-10307, T-10308,
T-10313, T-10314

2. AREAL FIELD INSPECTION

These maps lie south and east of Beaufort on parts of St. Helena, Ladies and Fripp Islands. The majority of the area is land, with the exception of Map T-10314, which is composed mostly of tidal marshes. The unincorporated village of Frogmore is situated near the central portion of these maps. It is surrounded by a sparsely-settled farming community, which is composed of small farms.

An alternate route of the Intracoastal Waterway runs through Maps T-10313 and T-10314 via Story River and Station Creek. U. S. Highway 21 connects St. Helena Island with Beaufort. There are no railroads within the area.

The quality of the nine-lens photographs was in general very good. The photographs were flown at or near the time of low-water, which enabled the field inspector to delineate many of the offshore features.

There are three distinct photographic tones near the tidal marshes. The very dark tones are marsh. The white tones are sand and/or shell. The light gray tone is mud.

Swamp limits and inshore limits of marsh have been outlined on the photographs in red.

Field inspection notes appear on 1:10,000 scale, nine-lens photographs Nos.:

49361, 49362, 49363, 49364, 49365, 49366,
49367, 49392, 49393, 49394, 49395, 49409,
49410, 49411, 49412, 49443 and 49444

3. HORIZONTAL CONTROL

Two new triangulation stations were established: CORRA 2, 1955 in Map T-10307; and COUNTY 2, 1955 in Map T-10313. Both of the old stations were in danger of being destroyed and neither of the two were altered in any way.

The special control diagram for this project, as revised 9 August 1955, called for a station to be identified along the BF traverse line in Map T-10313. None of these stations were recovered, therefore a short traverse was run from triangulation station PRTT, 1933 to a substitute point which falls in the overlap area of the flight lines concerned.

South Carolina Geodetic Survey station BF 516, 1934 was recovered in a tilted position. The azimuth to the substitute point was obtained from observations on the sun.

Several South Carolina Geodetic Survey stations were searched for and reported on Form 526. Only two of these stations were recovered in good condition (BF 509 and 510 in Map T-10307).

The following stations are reported as lost:

<u>T-10307</u>	<u>T-10313</u>
PIKE, 1933	BF 517
BF 507	BF 519
BF 508	BF 520
BF 511	
BF 512	
BF 514	
BF 516	

4. VERTICAL CONTROL

All tidal bench marks within the area of these maps were searched for and reported on Form 685. Two new additional tidal bench marks (BM 4 and 5) were established in Map T-10313 at County Dock, Longwood, Station Creek.

The South Carolina Geodetic Survey stations are also bench marks.

5. CONTOURS AND DRAINAGE

Contouring is inapplicable.

There is little drainage within the area. In most cases, it is tidal, except for a few ditches which drain swamp, marsh and cultivated fields.

6. WOODLAND COVER

The woodland cover has been classified in accordance with requirements for topographic maps, reference 5433, Topographic Manual, Part II.

7. SHORELINE AND ALONGSHORE FEATURES

The majority of the shoreline is apparent. The mean high-water line was visually inspected from a skiff. It was symbolized in accordance with the Topographic Manual.

There are no bluffs or cliffs of landmark value within the area.

There are no submarine cables within the limits of these maps.

8. OFFSHORE FEATURES

The foreshore of the rivers and creeks, within the area, is generally mud. There are a few places where it is sand, mud and/or shell.

The low-water line was located by visual inspection at or near the time of low-water. It has been shown with an approximate symbol.

There were no obstructions noted during field inspection.

9. LANDMARKS AND AIDS

Two nautical landmarks are recommended for charting: A stack in T-10313, which has been previously shown on the charts; and a tank in T-10307, which is a new landmark.

There are no aeronautical or interior landmarks recommended.

There are no fixed aids to navigation within the limits of these maps.

10. BOUNDARIES, MONUMENTS AND LINES

There are no boundary lines required within the limits of these maps; however for further information see Special Boundary Report for this project.

11. OTHER CONTROL

Two recoverable topographic stations were established, both of which are in Map T-10314. They are: BOAT, 1955 and CURT, 1955.

12. OTHER INTERIOR FEATURES

All roads and buildings were classified in accordance with Project Instructions. There are no airports or landing fields within the area.

There are no bridges over navigable waters within the area of these maps.

There is one overhead power cable in Map T-10307, at Jenkins Creek. The vertical clearance above mean high-water is 48.0 feet.

13. GEOGRAPHIC NAMES

See Special Report, Geographic Names, for this project.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Data for Maps T-10309 and T-10315 forwarded to the Chief, Photogrammetry Division in Pkg. No. 55-37 on 13 October 1955.

Data for Maps T-10300 and T-10301 forwarded to the Chief, Photogrammetry Division in Pkg. No. 55-40 on 21 October 1955.

Data for Maps T-10308 and T-10314 forwarded to the Baltimore District Officer in Pkg. No. 55-41 on 26 October 1955.

Data for Map T-10307 forwarded to the Baltimore District Officer in Pkg. No. 55-42 on 4 November 1955.

Special Reports to be submitted for the project as a whole:

Boundaries
Geographic Names

Coast Pilot
Cards for Recovery of Geodetic Control
Triangulation data, location of COUNTY 2, 1955
and CORRA 2, 1955

7 NOV 1955

Submitted by:

Joseph K. Wilson
Joseph K. Wilson
Cartographer

17 NOV 1955

Approved & Forwarded:

for Maiah Y. Fitzgerald
J. E. Waugh
CDR, C & GS
Chief of Party

PHOTOGRAMMETRIC PLOT REPORT

Project No. 25200

Surveys Nos. T-10305 thru T-10308
 T-10311 thru T-10314
 T-10316 thru T-10321
 T-10335,
 T-10338 and T-10339

21. AREA COVERED

This radial plot covers the area of surveys listed above. These are planimetric surveys, along the Atlantic Coast from St. Helena Sound to Port Royal Sound and Hilton Head Island up the Beaufort River to the Coosaw River.

22 METHOD - RADIAL PLOT

Map Manuscripts and Base Sheets:

Vinylite sheets with polyconic projections in black and South Carolina State Grid, South Zone, in red were furnished by the Washington Office.

Vinylite sheets with 5,000 foot grids were used as base sheets.

All control points and substitute points were plotted using beam compass and meter bar. All identified control was transferred to the base sheets by matching common grid lines.

A sketch showing the layout of surveys, distribution of control and photograph centers, and a list of control stations are attached to this report.

Photographs:

Eighty-three (83) nine-lens photographs at a scale of 1:10,000 taken in 1955 were used in the plot. They are numbered as follows:

49320 thru 49325
 49360 thru 49373
 49385 thru 49396
 49409 thru 49420
 49436 thru 49446
 49482 thru 49491
 49521 thru 49538

Templets:

The radial lines on the photographs were traced onto the vinylite templets, using the fiducial marks on the master templet to correct for film and paper distortion, and chamber displacement.

Closure and Adjustment to Control:

The radial plot was laid in two sections. The first section covered the areas of surveys T-10308, T-10313, T-10314, T-10317 thru T-10319, T-10320 and T-10321 with extensions to reach surrounding control. The templets were first laid in the previous plot area, to the northeast, and extended southwest to the project limits. The second section, which covered the remaining surveys, was laid in the same manner, starting with the previous plot extending southwest to the project limits.

Station STONE PLANTATION BAPTIST CHURCH, 1931 could not be held in the plot. (See item 23).

Transfer of Points:

The positions of all pass points, photo points and photo-centers were transferred directly to the map manuscripts by superimposing the manuscripts on the completed plot and matching common grid lines.

23. ADEQUACY OF CONTROL

The density and distribution of control was adequate. The control identification west of T-10305 is according to instructions, but if two stations, CARL, 1933 (79) and RICE, 1933 (78) had been identified instead of EUHAW, 1933 (80) it is felt we could have made a better plot even though the plot is now considered adequate.

The following control was office identified in the previous plot and held.

STONEY RIVER DAYBEACON A-16, 1955 (114)

The following control was office identified in this plot:

BEAUFORT RIVER LIGHT 13, 1955 (125)
BEAUFORT RIVER LIGHT 17, 1955 (126)
STATION CREEK DAYBEACON A-19, 1955 (123)
PORT ROYAL SOUND LIGHT 1, 1955 (128)
SKULL CREEK ENTRANCE LIGHT 3, 1955 (132)

The following control could not be held in the radial plot:

STONEY PLANTATION BAPTIST CHURCH, 1931.

The radially plotted position is 0.8 mm to the southwest of the geographic position. The belfry was office identified using the 1955 recovery note and the identification is positive. The geographic position is at the northwest corner of the church building.

The recovery of this station should be verified by the hydrographer to determine if the belfry on the church building has been rebuilt and or moved since 1931.

24. SUPPLEMENTAL DATA

No graphic control surveys were used in this radial plot.

25. PHOTOGRAPHY

The photographic coverage and definition of the photographs were adequate. There was experienced some difficulty in laying the radial plot because of missing fiducial marks. All missing marks were along the outer edge of the photographs in light struck areas or in portions of Chambers that printed blank. The following is a list of photographs followed by the chamber number on which fiducial marks are missing:

<u>Photograph No.</u>	<u>Chamber No.</u>
49440	3
49441	1
49446	3
49482 & 49483	4
49484	4 & 8
49485	4 & 5
49486	4
49487	4 & 5
49488 thru 49491	4
49527	4
49531 and 49532	4

Several photographs were tilted, but not enough to have them rectified or compute a tilt determination.

26. RECOVERABLE TOPOGRAPHIC STATIONS

After the radial plot was laid it was noted that there appears to be some discrepancy between the radial plotted position and that as given in the description of triangulation station COLONY, 1933 for COLONY, 1933 A2. MK. The azimuth appears to be correct but the distance is approximately 8.5 mm short in the radial plot. Due to the abundance of control in the area, it is believed that the radially plotted position is the correct position.

Respectfully submitted
4 September 1956

Leroy A. Senasack

Leroy A. Senasack,
Carto. Photo. Aid

LIST OF CONTROL STATIONS
Project 25200

No.	Name	Identification
1	RAINEY, 1934	Sub. Pt.
2	STEWART, 1933	" "
3	BF-809, 1934 (S. C. G. S.)	" "
4	BF-810, 1934 (S.C.G.S.)	Not Ident.
5	SMITH, 1933	" "
6	BRICK, 1933	Not Ident.
7	GREGG, 1933	" "
8	BF-813, 1934 (S. C. G. S.)	" "
9	BF-814, 1934 (S.C. G. S.)	" "
10	SANDERS, 1933	Sub. Pt.
11	BF-817, 1934 (S. C. G. S.)	Not Ident.
12	CHISHOLM SPIRE, 1933	Direct
13	BF-819, 1934 (S.C. G. S.)	Not Ident.
14	CHISOLM, 1932	Sub. Pt.
15	REPEAL, 1934	" "
16	HORSE, 1933	Direct
17	AINSLEE, 1933	Sub. Pt.
18	HILL, 1924	" "
19	GRAY AZ. MK. R. M. 2, 1934	Not Ident.
20	BF-66, 1934 (S.C. G. S.)	" "
21	BF-68, 1934 (S. C. G. S.)	Sub. Pt.
22	BF-69, 1934 (S. C. G. S.)	Not Ident.
23	ABER, 1933	" "
24	USE, 1933	" "
25	WOODS, 1933	" "
26	KIM 2, 1956	Not Ident.
27	8A (USE) R. M. 1, 1933	" "
28	6A (USE), 1933	Sub. Pt.
29	ONE A (USE), 1933	Not Ident.
30	BARNWELL, 1933	" "
31	BARNWELL DOCK LIGHT, 1933	Not Ident.
32	BEAUFORT NATIONAL CEMETERY FLAGPOLE, 1933	Direct
33	PIGEON, 1933	Sub. Pt.
34	JENKINS, 1933	Not Ident.
35	AUSTIN, 1933	Sub. Pt.
36	LUCY, 1933	Sub. Pt.
37	SAMS, 1933	" "
38	LOVE, 1933	Direct
39	HOPE, 1933	Sub. Pt.
40	COCSAW, 1933	" "

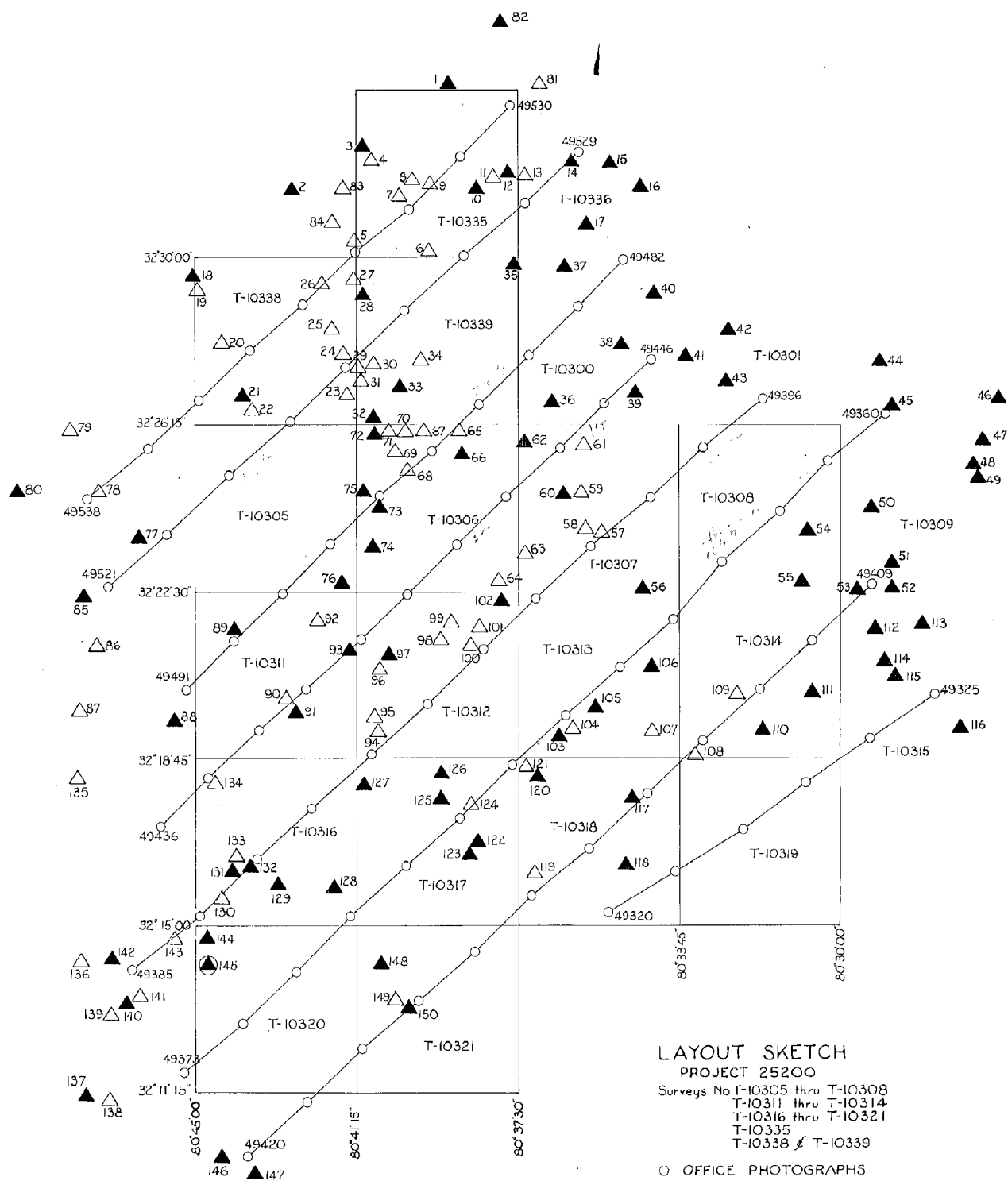
No.	Name	Identification
41	SAW, 1933	Sub. Pt.
42	PARROT 2, 1933	" "
43	GAN, 1933	" "
44	MOR 3, 1933	" "
45	COFFIN, 1933	" "
46	PELICAN BANK DAYBEACON A2, 1933	Direct
47	EGG BANK PASSAGE DAYBEACON A4, 1955	"
48	EGG BANK PASSAGE DAYBEACON A7, 1955	"
49	EGG BANK PASSAGE DAYBEACON A9, 1955	"
50	WHARF R. M. 2, 1933	Sub. Pt.
51	HARBOR RIVER DAYBEACON A 13, 1955	Direct
52	MID, 1933	Sub. Pt.
53	HARBOR RIVER DAYBEACON A14, 1955	Direct
54	HELENA, 1933	Sub. Pt.
55	CHERRY HILL KNOLL, 1856	" "
56	BF-516 (S.C.G.S.), 1934	Sub. Pt.
57	BF-510 (S.C.G.S.), 1934	Not Ident.
58	BF-509 (S.C.G.S.), 1934	" "
59	CORRA 2, 1955	" "
60	CORRA, 1933	Sub. Pt.
61	JINKS, 1933	Not Ident.
62	LADY, 1933	Sub. Pt.
63	SAL, 1933	Not Ident.
64	SWEDE, 1933	" "
65	KEMPER, 1933	" "
66	OYSTER FACTORY TALL STACK, 1933 (DESTROYED)	Direct
67	BURKMEYER, 1933	Not Ident.
68	WHITE, 1933	" "
69	CENTER OF BRIDGE LIGHT, 1933	" "
70	BEAUFORT CHURCH, 1859	" "
71	BEAUFORT CHURCH R.M. 2, 1933	Not Ident.
72	BEAUFORT WATER TANK, 1933	Direct
73	WHITE WATER TANK, 1933	"
74	BEAUFORT U. S. NAVAL HOSPITAL TANK, 1955	"
75	ROY, 1933	Sub. Pt.
76	PORT ROYAL MUNICIPAL TANK, 1955	Direct
77	PORT, 1933	"
78	RICE, 1933	Not Ident.
79	CARL, 1933	" "
80	EUHAW, 1933	Sub. Pt.
81	LIM, 1934	Not Ident.
82	SHORT, 1924	Sub. Pt.
83	BALLAST, 1933	Not Ident.
84	PORKY, 1933	" "
85	LEMON 2, 1933	Sub. Pt.

Project 25200

No.	Name	Identification
86	ROSE, 1933	Not Ident.
87	BANANA 2, 1931	" "
88	WAD, 1933	Direct
89	SIDE, 1933	Sub. Pt.
90	SHOOT, 1933	Not Ident.
91	PARRIS ISLAND MARINE CORPS RECRUIT DEPOT LOOKOUT TOWER, 1955	Direct
92	PARRIS (U.S.E.), 1931	Not Ident.
93	(MARINE) BLACK, 1931	Direct
94	PARRIS ISLAND, MARINE CORPS RECRUIT DEPOT, AIR STRIP CONTROL TOWER, 1955	Not Ident.
95	PARRIS ISLAND, MARINE CORPS RECRUIT DEPOT, AIR STRIP BEACON, 1955	" "
96	BROOKLYN, 1859	Not Ident.
97	PARRIS ISLAND, MARINE CORPS RECRUIT DEPOT, SPHERICAL TANK, 1955	Direct
98	BUG R. M. 1, 1933	Not Ident.
99	OX 2, 1956	" "
100	CAT, 1933	" "
101	MARY, 1933	Not Ident.
102	JEW, 1933	Sub. Pt.
103	COUNTY, 1933	" "
104	COUNTY 2, 1955	Not Ident.
105	PRIT, 1933	Sub. Pt.
106	OFF, 1933	Sub. Pt.
107	CREEK, 1933	Not Ident.
108	SIN, 1933	Not Ident.
109	BEND, 1933	Not Ident.
110	STORY 2, 1933	Sub. Pt.
111	PINE, 1933	Sub. Pt.
112	CHAN, 1933	Sub. Pt.
113	BOG ISLAND, 1857	Sub. Pt.
114	STORY RIVER DAYBEACON A-16, 1955	Direct (in Office)
115	WEE, 1933	Sub. Pt.
116	TEMPORARY, 1955	Sub. Pt.
117	TIDE, 1933	" "
118	BULL, 1955	" "
119	PIP, 1933	Not Ident.
120	SALTY, 1933	Sub. Pt.
121	SALTY 2, 1955	Not Ident.
122	STATION ISLAND 2, 1933	Sub. Pt.
123	STATION CREEK DAYBEACON A-19, 1955	Direct (in Office)
124	PORT ROYAL, 1859	Not Ident.
125	BEAUFORT RIVER LIGHT 13, 1955	Direct (in Office)

Project 25200

No.	Name	Identification
126	BEAUFORT RIVER LIGHT 17, 1955	Direct (in Office)
127	PARRY 2, 1916	Sub. Pt.
128	PORT ROYAL SOUND LIGHT 1, 1955	Direct (in Office)
129	ROCKS 3, 1955	Sub. Pt.
130	BOB R. M. 1, 1931	Not Ident.
131	SKULL CREEK DAYBEACON 5, 1955	Direct
132	SKULL CREEK ENTRANCE LIGHT 3, 1955	Direct (in Office)
133	SKULL CREEK DAYBEACON 4, 1955	Not Ident.
134	DAW 3, 1931	" "
135	COLLETON, 1931	" "
136	HAM, 1931	Not Ident.
137	MAY, 1931	Sub. Pt.
138	RAM, 1931	Not Ident.
139	JEN, 1931	" "
140	GRAHAM 2, 1931	Sub. Pt.
141	GRAHAM, 1858	Not Ident.
142	MACK, 1931	Sub. Pt.
143	PINK, 1931	Not Ident.
144	GRAVE, 1931	Sub. Pt.
145	STONEY PLANTATION BAPTIST CHURCH, 1931	Direct (in Office)
146	HILTON HEAD REAR RANGE LIGHTHOUSE, 1900	Direct
147	COAT, 1955	"
148	WAL 4, 1955	Sub. Pt.
149	HILTON HEAD B (U.S.E.), 1935	Not Ident.
150	TON 2, 1955 (temporary banner)	Sub. Pt.



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

MAP T. 10307 PROJECT NO. Ph-154 SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ψ -COORDINATE LONGITUDE OR x -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)	
BF-516, SCGS, 1934	CWA Pamphlet p. 6	NA 1927	197,552.00	2,552.00	(2448.00)		777.8	(746.2)	
			2,130,666.25	666.25	(4333.75)		203.1	(1320.9)	
			197,158.80	2,158.80	(2841.20)		658.0	(866.0)	
CORRA, 1933	G-1673 p. 79	"	2,130,303.75	303.75	(4696.25)		92.6	(1431.4)	
			32° 24' 42.192				1299.6	(548.5)	
			80 36 04.438				116.0	(1451.9)	
Sub. Pt. CORRA, 1933			32 24				1337.0	(511.1)	
			80 36				117.4	(1450.5)	
			32 25 57.510				1771.5	(76.7)	
LADY, 1933	G-1673 p. 79	"	80 37 25.687				671.0	(896.4)	
			32 25				1745.6	(103.1)	
			80 37				672.2	(895.2)	
CORRA 2, 1955	Field Comp.	"	32 24 42.520				1309.7	(538.4)	
			80 36 03.109				81.2	(1486.6)	
			32 25 48.308				1488.0	(360.1)	
JINKS, 1933	G-1673 p. 79	"	80 35 59.535				1555.4	(12.1)	
			32 23 20.884				643.3	(1204.9)	
			80 37 18.573				485.4	(1082.8)	20
BF-509 S.C.G.S., 1934	C.W.A. Pamphlet p. 6	"	205,665.08	665.08	(4334.92)		202.7	(1321.3)	
			2,124,078.71	4,078.71	(921.29)		1243.2	(280.8)	
			205,209.47	209.47	(4790.53)		63.8	(1460.2)	
BF-510 S.C.G.S., 1934	"	"	2,125,281.84	281.84	(4718.16)		85.9	(1438.1)	

1 FT. = 3048006 METER
COMPUTED BY: R. Glaser

DATE 11/8/55

CHECKED BY: F. M. Wielecki

DATE 11/9/55

COMM-DC-57843

COMPILATION REPORT
T-10307

31. DELINEATION

Graphic methods were used to delineate this map manuscript.

32. CONTROL

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

33. SUPPLEMENTAL DATA

The A. M. S. Ft. Freemont S. C. quadrangle annotated by the Geographic Names Section was used for geographic names.

34. CONTOURS AND DRAINAGE

Contours: Not applicable.

Drainage: No comment.

35. SHORELINE AND ALONGSHORE DETAILS

Field inspection of shoreline was adequate. Approximate low water lines were interpreted on photographs taken near low tide and based on some field inspected lines.

36. OFFSHORE DETAILS

No comment.

37. LANDMARKS AND AIDS

A Form 567 was previously submitted for one landmark. There are no aids to navigation.

38. CONTROL FOR FUTURE SURVEYS

There are no topo or photo hydro stations.

39. JUNCTIONS

Junctions have been made and agree with:

T-10300 to the north
T-10308 to the east
T-10313 to the south
T-10306 to the west

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41 through 45

Not applicable.

46. COMPARISON WITH EXISTING MAPS

A.M.S. Ft. Fremont, S. C. quadrangle, scale 1:50,000, published 1948.

C&GS Air Photo Compilation T-5187 Harbor River, scale 1:20,000
photographs of 1933.

C&GS Air Photo Compilation T-5188 Trenchards Inlet. Scale 1:20,000
photographs of 1933.

47. COMPARISON WITH NAUTICAL CHART

This manuscript map has been compared with chart 794, scale 1:40,000
published January 1937, corrected to 8/18/56.

Items to be applied to nautical charts immediately: None.

Items to be carried forward: None.

Respectfully submitted
27 November 1958

Judson Council

Judson Council
Carto. Photo. Aid

Approved and forwarded

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

T-10307

48. GEOGRAPHIC NAME LISTBeaufort County
Brick ChurchCapers CreekDatha Island

Ebenezer Church

First Bethlehem Church
FrogmoreJenkins CreekLadies IslandPeace Church
* Polawana IslandSt. Helena Island
St. Joseph Temple

U.S. 21 (Hwy.)

Warsaw Island

* B.G.N. Decision

George M. Ball
Geographic Names Section
2 September 1959

PHOTOGRAMMETRIC OFFICE REVIEW

T. 10307

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. Reefs, 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. Glasen Joseph H. Stenberg
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:

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

**TO BE CHARTED
TO BE DELETED**

STRIKE OUT ONE

MONTHLY BUDGETING/ AIDS-OR LANDMARKS FOR CHARTS

Baltimore, Maryland
1 October 1957

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

The positions given have been checked after listing by

J. 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

M-2836-3

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

Reviewed by

A. K. Kuyubzd
A. K. Kuyubzd

Approved by

L. C. Landy
L. C. Landy
Chief, Review Section

J. Bowce
J. Bowce
Chief, Coastal Surveys
Division

Actg.

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

Chief, Chart Division

NAUTICAL CHARTS BRANCH

SURVEY NO. T-10307

Review 2/10/60

Record of Application to Charts

[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.