

# 11122

# NdS

Diag. Cht. No. 1239-2.

Form 504

U. S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY

## DESCRIPTIVE REPORT

Type of Survey Topographic

Field No. Ph-81 Office No. T-11122North  
and South

### LOCALITY

State South Carolina

General locality North Edisto River

Locality Meggett

1952-60

### CHIEF OF PARTY

J.E.Waugh, Photo. Party No. 1.  
W.F.Deane, Balto. District Officer

### LIBRARY & ARCHIVES

DATE May 1963

USCOMM-DC 5087

# 11122

# DATA RECORD

1

T - 11122

Project No. (II): Ph-81      Quadrangle Name (IV):

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

Chief of Party: J. E. Waugh

Photogrammetric Office (III): Baltimore, Md.

Officer-in-Charge: W. F. Deane

Instructions dated (II) (III): , Field, dated 19 October 1953

Copy filed in Division of

Field Amendment I, dated 12 December 1954

Photogrammetry (IV)

Letter to CDR J. E. Waugh, 731-mk1, dated 22 November 1954

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):

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): WHALEY, 1933

Lat.: 32° 40' 39.259" (1209.3) Long.: 80° 12' 41.014" (1068.6)

Adjusted

~~Unadjusted~~

Plane Coordinates (IV):

State: S. C.

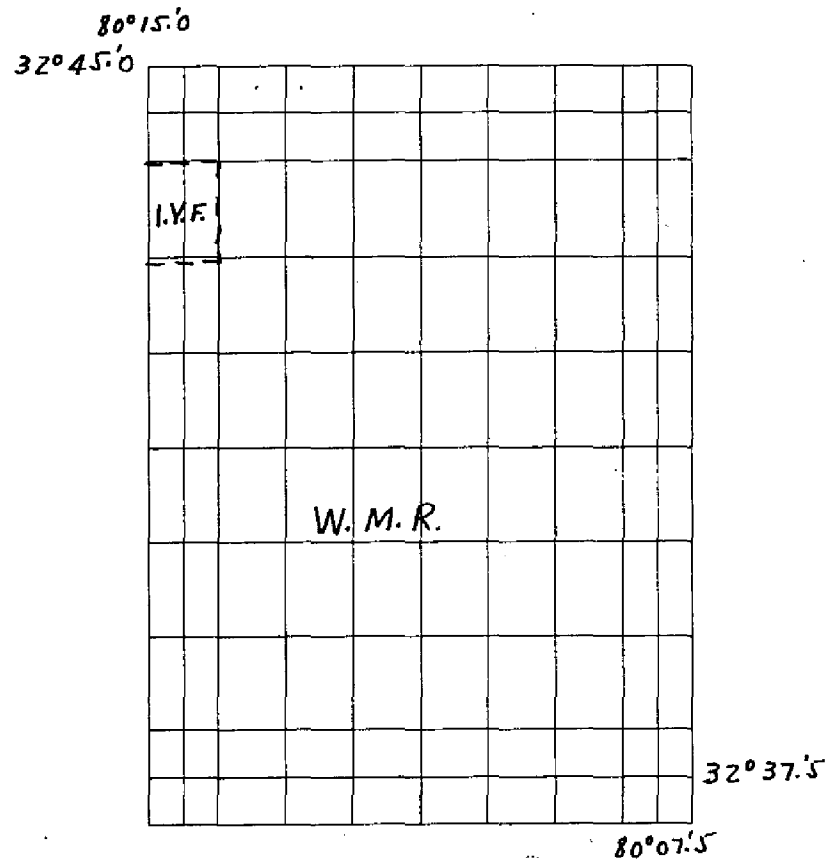
Zone: South

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.



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

## DATA RECORD

Field Inspection by (II): W. M. Reynolds and L. F. Beugnet  
W. M. Reynolds

Date: Feb. to May 1954  
Nov. and Dec. 1954

Planetable contouring by (II): W. M. Reynolds  
I. Y. Fitzgerald

Date: Feb. to May;  
Nov. and Dec. 1954  
Nov. and Dec. 1954

Completion Surveys by (II): G.E. JARWA DOE

Date: JUNE 1960

Mean High Water Location (III) (State date and method of location):  
1952, 1953, and 1955 dates of photography by field  
inspection and office interpretation.

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

Date: 7/15/55

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

Date: 7/15/55

Control plotted by (III): D. W. Williams

Date: 8/26/55

Control checked by (III): B. Kurs

Date: 9/9/55

Radial Plot ~~or Stereoscopic~~ E. L. Williams  
~~Control extension~~ by (III):

Date: 12/10/56

Planimetry  
Stereoscopic Instrument compilation (III):  
Contours

Date:

Date:

Manuscript delineated by (III): J. Councill

Date: 4/22/58

Photogrammetric Office Review by (III): R. Glaser

Date: 5/23/58

Elevations on Manuscript  
checked by (II) (III): R. Glaser

Date: 5/23/58



Camera (kind or source) (III): Nine-lens (U.S. C. & G. S.)

PHOTOGRAPHS (III)				
Number	Date	Time	Scale	Stage of Tide
35695	3/16/52	1056	1:10,000	4.1 above MLW
35735 thru 35736	"	1149 - 50	"	4.6 " "
35737 thru 35739	"	1150 - 52	"	5.6 " "
35856 thru 35859	"	1400 - 02	"	2.4 " "
35860 thru 35861	"	1402 - 03	"	2.7 " "
35998 thru 36000	3/17/52	0958 - 59	"	3.7 " "
40807 thru 40812	5/31/53	Clock stopped	"	
49250 thru 49254	3/23/55	1341 - 45	"	-0.7 " "
49302	"	1422	"	-0.4 " "

Tide (III)  
From predicted Tide Tables

Reference Station: Charleston, S. C.  
Subordinate Station: Church Flats  
Subordinate Station: Rockville Bohicket Creek

Ratio of Ranges	Mean Range	Spring Range
	5.1	6.0
	5.7	6.7
	5.8	6.8

Washington Office Review by (IV): S.G. Blankenbaker

Date: March 1963

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 56

Shoreline (More than 200 meters to opposite shore) (III): 32

Shoreline (Less than 200 meters to opposite shore) (III): 37

Control Leveling - Miles (II): 50

Number of Triangulation Stations searched for (II): 70

Recovered: 24

Identified: 22

Number of BMs searched for (II): 31

Recovered: 13

Identified: 9

Number of Recoverable Photo Stations established (III):

None

Number of Temporary Photo Hydro Stations established (III):

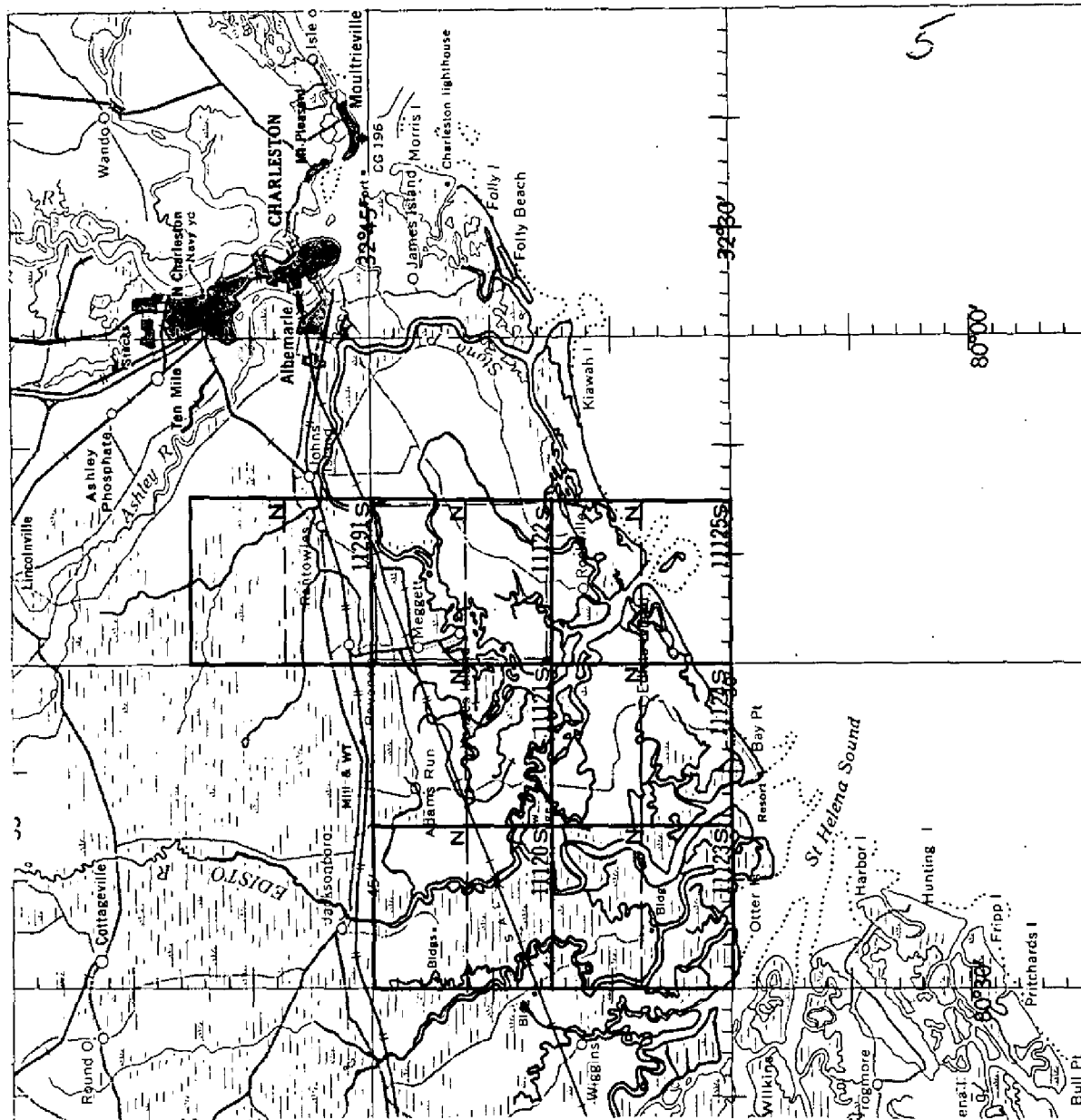
None

Remarks:

# TOPOGRAPHIC MAPPING PROJECT

S.C., Vicinity of Edisto River

OFFICIAL MILEAGE FOR COST ACCOUNTS		
Sheet No.	Sq. St. Miles	Lin. Miles Shoreline
11291 N	31	3
11120 S	30	9
11120 N	29	7
11121 S	27	15
11121 N	30	5
11122 S	25	26
11122 N	28	19
11123 S	28	16
11123 N	26	24
11124 S	29	36
11124 N	26	18
11125 S	27	25
11125 N	22	3
	<u>5</u>	<u>3</u>
TOTALS	363	237



SUMMARY TO ACCOMPANY DESCRIPTIVE REPORT

T-11122

T-11122 is one of 7 similar maps in Project PH-81. This project, comprised of topographic maps, covers the South Carolina coastline southwest of Charleston from the mouth of the North Edisto River southwesterly to Ashe Island on the north shore of St. Helena Sound. The project area extends inland, 15 miles in the central and western sections and 20 miles in the eastern section, covering the Intra-Coastal Waterway from the confluence of the Stone River and Rantowles Creek (8 miles west of Charleston) southwest to St. Helena Sound.

Field work in advance of compilation included the following operations:

- a. Recovery and/or establishment of horizontal and vertical control.
- b. Shoreline and interior inspection for interpretation of the photographs.
- c. The location and/or identification of aids to navigation and landmarks.
- d. Planetable contouring on the photographs.
- e. Geographic names, Coast Pilot and Political Boundaries investigation.

Vertical accuracy tests were run during field inspection.

This is a graphic compilation project. The radial plots were assembled and the manuscripts compiled in the Baltimore Office. Compilation was by half quads (north and south) at 1:10,000 scale.

A complete project field edit was accomplished in 1960. Vertical accuracy tests were run during field edit.

Photographs used for radial plotting and compilation are listed in the data records of the Descriptive Reports. Field inspection reports and field edit reports included as parts of the Descriptive Reports for each map include lists of photographs used in field work.

The maps will be published as standard 1:24,000 scale topographic quadrangles by the Geological Survey.



(7)

- 2 -

Items registered under T-111 2 Z will include a Descriptive Report, 2 one-half quadrangle positive impressions on "Crenar" and a lithographic print in colors of the published Geological Survey quadrangle.



## FIELD INSPECTION REPORT

Project Ph-81

Quadrangle T-11122

2. AREAL FIELD INSPECTION

This area lies on the South Carolina coastal plain southwest of Charleston. The major portion of the area is part of Wadmalaw Island formed by Wadmalaw Sound, the Stono and North Edisto Rivers, and Church and Bohicket Creeks.

Hollywood and Meggett are two small towns located in the northwest section of the area. Yorges Island, a small settlement south of Meggett on Wadmalaw Sound, was formerly of much more importance to the area as a rail-water terminal of the Atlantic Coast Line Railroad. The railroad has been dismantled south of Meggett. The old wharf and building remain.

The entire area is served by a system of good roads. The Atlantic Coast Line Railroad and Seaboard Air Line Railroad furnish freight shipping facilities.

The Intracoastal Waterway follows the Stono River into and across Wadmalaw Sound.

Agriculture is the chief industry with truck crops being the most important, although some cattle are raised.

Because of the close proximity of paper mills, pulpwood has grown in importance, displacing the naval stores industry.

Photographic quality, in general, was good. One flight flown 31 May 1953 presented some difficulty because of foliage. This difficulty was particularly noticeable in field inspection of swamp limits. This same flight line appears to have been flown at or near the time of low water which made possible a thorough inspection of the numerous mud flats.

There are generally three distinct photographic tones found in the tidal marsh. The darkest of these is the grass-covered tidal marsh. The lightest is caused by erosion of sand from the fast land fanning out over the adjacent marsh, varying slightly from white to a very light to medium gray, the latter due to dampening by the tide. The third, or medium tone, is mud, devoid of vegetation and bare at low water. There are some few areas of grass in water which appear as slightly lighter variation of the darkest tone.

9 8

Field inspection was accomplished on 1:10,000 scale, nine-lens photographs: 35694 and 35695; 35735 through 35739; 35856 through 35861; 35998 through 36001; and, 40806 through 40812.

No items were left for completion by the field editor.

### 3. HORIZONTAL CONTROL

All Coast and Geodetic Survey control was searched for and, where recovered, was identified.

In addition to the above, second-order traverse stations established by the South Carolina Geodetic Survey were recovered and identified. These stations are: CT 576, CT 580 and CT 658. All stations were established in 1934.

No supplemental control was established and no datum adjustments were made by the field party.

The following stations, established by the agency as indicated, were reported lost:

#### U. S. Geological Survey in 1917:

PTS 13 1917  
PTS 50 1917  
PTS 51 1917

#### U. S. Coast and Geodetic Survey:

BEACON NO 12 1933  
CHURCH FLATS BN NO 1 1933  
CHURCH FLATS BN NO 2 1933  
DAVIS WINDMILL 1933  
DEADMANS 1933  
ENTERPRISE LIGHT NO 1 1933  
GABLE, WILLIAMS BOAT HOUSE 1933  
GOSHEN 1933  
JOHNS 1933  
LIGHT NO 2 1933  
LIGHT NO 4 1933  
LIGHT NO 6 1933  
MARTINS 1933  
MULLET 1933  
NORTH CHIMNEY, WM. GERATY HOUSE 1933  
PILE, END OF DOCK 1933  
SHACK 1933  
SOUTH GABLE, JENKINS BOAT HOUSE 1933

10 8

STEVENS WINDMILL 1933  
 WADMALAW RIVER BEACON 3 1933  
 WADMALAW RIVER BEACON 4 1933  
 WADMALAW RIVER BEACON 5 1933  
 WADMALAW RIVER BEACON 7 1933  
 WADMALAW RIVER BEACON 8 1933  
 WADMALAW RIVER BEACON 10 1933  
 WADMALAW RIVER BEACON 11 1933  
 WADMALAW RIVER BEACON 13 1933  
 WADMALAW RIVER BEACON 14 1933  
 WEST GABLE, HART HOUSE 1933  
 WILLIAMS TANK 1933  
 WINDMILL, MARTIN POINT 1933  
 YONGES ISLAND TANK 1933

South Carolina Geodetic in 1934:

CT 577	CT 657
CT 578	CT 659
CT 579	CT 660
CT 654	CT 661
CT 655	CT 662
CT 656	

4. VERTICAL CONTROL

The following third-order bench marks, established by the South Carolina Geodetic Survey in 1934, were recovered:

CT 576	CT 595	OUTSIDE M.A.W. LIMITS
CT 592	CT 653	"
CT 593		MEG ECCENTRIC

Bench Mark 26, established by the U. S. Geological Survey in 1917, was recovered.

The following tidal bench marks of the Coast and Geodetic Survey were recovered:

RAVENS POINT, CHURCH CREEK, JOHNS ISLAND	
TIDAL BENCH MARKS 1, 2 and 3	No 3 DELINEATED
YONGES ISLAND, WADMALAW RIVER, TIDAL BENCH MARKS 1, 2 and 3	2

Fifty miles of supplemental levels were run for plane table contour control. The error of closure on all lines was less than 0.5 foot and no adjustments were made.

Level points established were numbered 22-01 through 22-130.

#### 5. CONTOURS AND DRAINAGE

Contouring was accomplished directly on the field photographs by standard plane table methods.

Checked elevations from closed level lines and/or closed plane table traverses are shown in blue and/or violet ink; unchecked elevations, side shots with the alidade, are shown in black ink.

There is very little definite drainage pattern in the area. The terrain, in general, is flat with a gentle slope to the marshes or swamps. This gives the contours an awkward shape, at times, since they do not always parallel each other, as in the cases where definite drainage patterns exist. Once the level of the swamps is reached, they are usually flat. The swamp limits, in general, follow one of the contours; however, the change to swamp is very gradual in most cases and the swamp limits remain somewhat indefinite.

Attention is called to the numerous drainage ditches found in the cultivated areas. The major ditches have been indicated on the photographs and the compiler should omit all others. (See Field Inspection Report, Quadrangle T-11121 (-----).)

#### 6. WOODLAND COVER

All woodland was inspected and has been classified in accordance with Paragraph 5433 of the Topographic Manual.

Some field inspection notes on woodland cover may appear incongruous. This is caused by a growth of young pines since photography which met "T" classification requirements at time of field inspection.

#### 7. SHORELINE AND ALONGSHORE FEATURES

The shoreline is limited to the several creeks and rivers, which enter or cross the quadrangle. With few exceptions, the shoreline is the visible edge of marsh along the streams. The mean high water line, whether apparent or fast, has been indicated at intervals by symbol on the photographs.



The approximate low water line was indicated along the offshore edge of some mud flats. Elsewhere the horizontal distance between the mean high and mean low water lines does not exceed 2.0 meters.

Location and heights of a few bluffs are shown on the contoured photographs.

All piers have been indicated on the photographs.

All other shoreline structures are adequately covered by field inspection notes.

#### 8. OFFSHORE FEATURES

There are none.

#### 9. LANDMARKS AND AIDS

Two landmarks presently charted were identified for location by photogrammetric methods. No new landmarks were recommended for charting.

All fixed aids to navigation, visible on the photographs, were identified for location by photogrammetric methods. Fixed aids, not identifiable, were located by theodolite cuts from identified points of photographic detail or by sextant fix.

There are no aeronautical aids in the area.

#### 10. BOUNDARIES, MONUMENTS AND LINES

The eastern section of the corporate limits of the town of Hollywood and the major portion of the corporate limits of Meggett are within the limits of this map. The corporate limits for Hollywood are outlined on photograph 35694 and the corporate limits for Meggett are delineated on photograph 35738. (See SPECIAL REPORT, BOUNDARIES, Project Ph-81 for detailed recommendations.)

There are no other boundaries within the limits of this map.

#### 11. OTHER CONTROL

None was established.

12. OTHER INTERIOR FEATURES

All roads were inspected and have been classified in accordance with Paragraph 5441 of the Topographic Manual.

All buildings were inspected and have been classified in accordance with Paragraph 5446 of the Topographic Manual.

There are no bridges or cables over navigable water in the area. Existing bridges over some tidal creeks all have skiff clearance only, and were noted as such on the photographs.

There are no airports or landing fields in the area.

13. GEOGRAPHIC NAMES

See SPECIAL REPORT, GEOGRAPHIC NAMES, Project Ph-81.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Data for Quadrangle T-11121, Project Ph-81 forwarded to the Director in Pkg. Nos. 55-8 and 55-9, 27 April 1955.

SPECIAL REPORT, BOUNDARIES, Project Ph-81 forwarded to the Director in Pkg. No. 55-10, 28 April 1955.

SPECIAL REPORT, GEOGRAPHIC NAMES, Project Ph-81 to be forwarded later.

Coast Pilot Notes forwarded to the Director 27 May 1954.

Forms 567 for Aids to Navigation and Landmarks are being prepared and will be forwarded for the entire project.

Original copies, Forms 526 and 685, were forwarded to the Director in Pkg. No. 54-56, 12 November 1954.

Photographs Nos. 35694 and 35695; 35735 and 35736; 35860 and 35861; and, 35998 and 35999 will be forwarded with data for adjoining maps.

3 MAY 1955  
Submitted by:

*Isaiah Y. Fitzgerald*  
Isaiah Y. Fitzgerald  
Photogrammetric Engineer

3 MAY 1955

Approved & Forwarded:

*J. E. Waugh*

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

MAP T. 11122

PROJECT NO. Ph-81

SCALE OF MAP 1:10,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\psi$ -COORDINATE LONGITUDE OR $\lambda$ -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	
			$\phi$	$\lambda$	FORWARD	(BACK)		FORWARD	(BACK)	FORWARD	(BACK)
YONGES, 1924	G-1922 p. 135	N.A. 1927	32	44 55.598				1712.7	(135.6)		
			80	09 55.106				1434.6	(127.4)		
Sub. Pt. YONGES, 1924		"	32	44				1708.6	(139.7)		
			80	09				1437.7	(124.3)		
PISTON, 1924	G-4397 p. 292	"	32	45 05.139				158.3	(1690.0)		
			80	08 00.549				14.3	(1547.7)		
E. GABLE, WHITE HOUSE (JACKSON), 1933	G-1922 p. 140	"	32	44 35.22				1085.0	(763.3)		
			80	10 06.46				168.2	(1393.9)		
FLATS, 1933	G-1922 p. 134	"	32	44 19.741				608.1	(1240.2)		
			80	09 39.893				1038.7	(523.5)		
Sub. Pt. FLATS, 1933		"	32	44				590.1	(1258.2)		
			80	09				1036.9	(525.3)		
PIP, 1924	G-4397 p. 292	"	32	44 14.099				434.3	(1414.0)		
			80	11 57.588				1499.4	(62.8)		
Sub. Pt. PIP, 1924		"	32	44				379.6	(1468.7)		
			80	11				1457.6	(104.6)		
WILLIAMS, 1933	G-1922 p. 135	"	32	44 04.994				147.7	(1700.6)		
			80	10 37.137				967.0	(595.3)		
Sub. Pt. WILLIAMS, 1933		"	32	44				89.6	(1758.7)		
			80	10				1040.5	(521.8)		
CT 576 SOGS, 1934	Charles- ton County p. 10	"	326,609.12		3,609.12	(1390.88)		1100.1	(423.9)		
			2,233,975.93		3175.93	(1824.07)		968.0	(556.0)		
Sub. Pt. CT 576 SOGS, 1934		"	328,624.65		3624.65	(1375.35)		1104.8	(419.2)		
			2,233,164.98		3164.98	(1835.02)		964.7	(559.3)		

1 FT. = 3048006 METER

COMPUTED BY: B. Kurs

DATE 8/19/55

CHECKED BY: J. Steinberg

DATE 8/22/55

COMM. DC-57843

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

MAP T. 11122

PROJECT NO. Ph-81

SCALE OF MAP 1:10,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\mu$ -COORDINATE LONGITUDE OR $\lambda$ -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
			$\phi$	$\lambda$			FORWARD	(BACK)	
GATE, 1933	G-1922 p. 135	N.A. 1927	32	43 39.703			1223.1	( 625.2)	
			80	09 43.571			1134.5	( 427.8)	
Sub. Pt. GATE, 1933		"	32	43			1185.2	( 663.1)	
			80	09			1058.8	( 503.5)	
MEG, 1924	G-1886, p. 49	"	32	43 17.463			537.9	(1310.3)	
			80	14 45.813			1193.0	( 369.4)	
Sub. Pt. MEG, 1924		"	32	43			538.2	(1310.0)	
			80	14			1185.2	( 377.2)	
SOUND, 1933	G-1922 p. 135	"	32	43 05.415			166.8	(1681.4)	
			80	11 08.885			231.4	(1331.1)	
Sub. Pt. SOUND, 1933		"	32	43			209.5	(1638.7)	
			80	11			253.4	(1309.1)	
TOWLE'S HOUSE S. CHIMNEY, 1933	G-1922 p. 141	"	32	43 06.567			202.3	(1646.0)	
			80	11 07.859			204.7	(1357.8)	
SMOAK HOUSE S. CHIMNEY, 1933	G-1922 p. 141	"	32	42 43.349			1335.3	( 512.9)	
			80	12 20.432			532.1	(1030.5)	
SMOAK, 1933	G-1922 p. 130	"	32	42 40.220			1238.9	( 609.3)	
			80	12 17.194			447.8	(1114.8)	
Sub. Pt. SMOAK, 1933		"	32	42			1262.8	( 585.4)	
			80	12			477.7	(1084.9)	
CHURCH, 1933	G-1922 p. 135	"	32	42 20.500			631.5	(1216.8)	
			80	10 40.588			1057.1	( 505.6)	
Sub. Pt. CHURCH, 1933		"	32	42			612.1	(1236.2)	
			80	10			1065.7	( 497.0)	

1 FT. = .3048006 METER

COMPUTED BY: B. Kurs

DATE

8/19/55

CHECKED BY: J. Steinberg

DATE

8/23/55

COMMA-DC-57843



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

MAP T 11122

PROJECT NO. Ph-81

SCALE OF MAP 1:10,000

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			°	'	''	FORWARD	(BACK)	FORWARD	(BACK)	FORWARD	(BACK)
MEG, ECC, RM 3, 1932	G-1886 p. 49	N.A. 1927	32	43	17.418			536.5	(1311.7)		
			80	14	46.796			1218.6	(343.8)		
NEW CUT, 1850-1932	G-1886 p. 11	"	32	41	51.583			1589.0	(259.3)		
			80	11	37.073			965.7	(597.2)		
Sub. Pt. NEW CUT, 1850-1932		"	32	41				1521.3	(327.0)		
			80	11				874.6	(688.3)		
GERATY, 1933	G-1922 p. 130	"	32	41	45.337			1396.6	(451.7)		
			80	13	27.765			723.2	(839.7)		
Sub. Pt. GERATY, 1933		"	32	41				1481.5	(366.8)		
			80	13				694.6	(868.3)		
DAVIS, 1933	G-1922 p. 129	"	32	41	31.874			981.8	(866.4)		
			80	12	38.603			1005.6	(557.4)		
Sub. Pt. DAVIS, 1933		"	32	41				1001.8	(846.4)		
			80	12				976.9	(586.1)		
WHALEY, 1933	G-1922 p. 129	"	32	40	39.259			1209.3	(638.9)		
			80	12	41.014			1068.6	(494.7)		
Sub. Pt. WHALEY, 1933		"	32	40				1144.9	(703.3)		
			80	12				1002.7	(560.6)		
WHALEY WINDMILL, 1933	G-1922 p. 142	"	32	40	38.458			1184.7	(663.6)		
			80	12	40.168			1046.5	(516.7)		
HOUSE AT MARTINS POINT, WEST CHIMNEY 1933	G-1922 p. 143	"	32	40	14.634			450.8	(1397.5)		
			80	14	05.661			147.5	(1415.9)		

1 FT. = 3048006 METER

COMPUTED BY: B. Kurs

DATE 8/22/55

CHECKED BY: J. Steinberg

DATE 8/23/55

COMMA-DC-57843

U.S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY  
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			°	'			FORWARD	(BACK)	
CLEMENT, 1933	G-1922 p. 129	N.A. 1927	32	39	20.263		624.2	(1224.1)	
			80	14	03.388		88.3	(1475.3)	
Sub. Pt. CLEMENT, 1933		"	32	39			385.8	(1462.5)	
			80	13			1469.7	( 93.9)	
CT 658 SCGS, 1934	Charles- ton p. 11	"	313,594.33		3594.33	(1405.67)	1095.6	( 428.4)	
			2,254,439.56		4439.56	( 560.44)	1353.2	( 170.8)	
Sub. Pt. CT 658, SCGS, 1934		"	313,607.44		3607.44	(1392.56)	1099.5	( 424.4)	
			2,254,399.66		4399.66	( 600.34)	1341.0	( 183.0)	
CT 580, SCGS, 1934	Charles- ton p. 10	"	334,370.02		4370.02	( 629.98)	1332.0	( 192.0)	
			2,254,200.54		4200.54	( 799.46)	1280.3	( 243.7)	
PICTURE POINT 2	Field Comp.	"	291,771.24		1771.24	(3228.76)	539.9	( 984.1)	
			2,261,887.62		1887.62	(3112.38)	575.3	( 948.7)	
PICTURE POINT 3	"	"	294,526.01		4526.01	( 473.99)	1379.5	( 144.5)	
			2,263,648.32		3648.32	(1351.68)	1112.0	( 412.0)	
PICTURE POINT 4	"	"	296,826.07		1826.07	(3173.93)	556.6	( 967.4)	
			2,265,357.01		357.01	(4642.99)	108.8	(1415.2)	
PICTURE POINT 5	"	"	297,024.10		2024.10	( 2975.90)	616.9	( 907.1)	
			2,269,097.74		4097.74	( 902.26)	1249.0	( 275.0)	
PICTURE POINT 6	"	"	297,562.14		2562.14	(2437.86)	780.9	( 743.1)	
			2,271,635.01		1635.01	(3364.99)	498.4	(1025.6)	
PICTURE POINT 7	"	"	299,077.00		4077.00	( 923.00)	1242.7	( 281.3)	
			2,274,418.04		4418.04	( 581.96)	1346.6	( 177.4)	
PICTURE POINT 8	"	"	299,729.66		4729.66	( 270.34)	1441.6	( 82.4)	
			2,277,098.98		2098.98	(2901.02)	639.8	( 884.2)	

1 FT. = 3048006 METER

COMPUTED BY: B. Kurs

DATE 8/22/55

CHECKED BY: J. Steinberg

DATE 8/23/55

COMMA-DC-57843

SCALE FACTOR

[illegible]

- 18 - 19

COMPILATION REPORT  
Survey T-11122

Photogrammetric Plot Report: See Descriptive Report, T-11291.

31. DELINEATION

This manuscript was compiled by graphic methods. Field inspection of buildings was incomplete and should be completed during field edit.

32. CONTROL

The identification, density and placement of horizontal control is considered satisfactory.

33. SUPPLEMENTAL DATA

For names, an annotated copy of the USGS Quadrangle, Wadmalaw Island S. C., was used.

34. CONTOURS AND DRAINAGE

Contours: The field contouring was adequate. Some adjustments were made to improve topographic expression.

Drainage: Drainage ditches have been delineated as specified in Item 5 of the field inspection report.

35. SHORELINE AND ALONGSHORE DETAILS

There is much apparent shoreline and areas of mud flats that were not completely field inspected. Some office interpretation was made.

Most of the low water line was delineated from the 1955 low-water office photographs.

36. OFFSHORE DETAILS

No comment

37. LANDMARKS AND AIDS

Where an aid was found (through Notices to Mariners) to have been destroyed, rebuilt, discontinued or removed since field inspection, it was not shown on the manuscript.

Revised Forms 567, listing only those aids delineated are herewith submitted.

Form 567 is also being submitted for two landmarks.



38. CONTROL FOR FUTURE SURVEYS

None was established.

39. JUNCTIONS

Junctions are in agreement with the following adjoining manuscripts.

T-11291 on the north, T-11121 on the west, and T-11125 on the south.

T-11309 (Ph-126) is east of south-half and there is no contemporary survey to the east of north-half of this survey.

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41 through 45

No applicable.

46. COMPARISON WITH EXISTING MAPS

This map manuscript has been compared with:

1. Quadrangle (U.S.G.S.) WADMALAW ISLAND, S. C., scale 1:62,500, edition of 1919 reprinted 1944.

2. U.S.C. & G. S. T-5165, Pleasant Point, scale 1:10,000, from photographs of 1933.

3. U. S. C. & G. S. T-5166, Wadmalaw Sound, scale 1:10,000, from photographs of 1933.

4. U.S.C. & G. S. T-5154, Wadmalaw Island, scale 1:20,000 from photographs of 1933.

5. U. S. C. & G. S. T-5158, Ravenels, scale 1:20,000, from photographs of 1933.

47. COMPARISON WITH NAUTICAL CHARTS

This manuscript has been compared with:

1. Intracoastal Waterway Chart No. 837, scale 1:40,000, published 3/52, revised to 7/10/57.

2. Chart 792, scale 1:40,000, published 6/41, corrected to 7/20/57.

Items to be applied to Nautical Charts immediately: None.

Items to be carried forward: None.

Respectfully submitted  
22 April 1958

*Judson Y. Councill*  
Judson Y. Councill  
Carto. Photo. Aid

Approved and forwarded

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

43. REMARKS

(a) The Reviewer requested the Field Editor to verify rocks awash as shown on Chart 792. Field edit data on photograph 8948 indicates the rocks are really areas of shell ranging in size from small spots to long narrow ridges.

While the use of rock awash symbols may be a convenient method of showing these obstructions on the chart, it is not an accurate representation of these features; they were symbolized by a dotted line on the manuscript and labeled "shell".

(b) Aids to navigation have been plotted graphically. Refer to Field Edit Report, item 51, paragraph 6. The original descriptions, Forms 525b, for the lights were not available in Baltimore.

(c) No change is indicated on the field edit sheet or on photograph 8928 for Webster Church, (Lat.  $32^{\circ} 42.1'$  - Long.  $80^{\circ} 08.4'$ ) but the church seems to have been rebuilt. The correction has been shown on the manuscript by office interpretation.

(d) A number of new ponds are shown on the manuscripts. Spoil areas, obviously dredged up to help form these ponds, are visible on the photographs and have been labeled by the field editor. These spoil areas do not appear to be of sufficient length or importance to be shown with the dike-levee symbol nor were they contoured in the field. They were, therefore, not shown on the manuscripts.

(e) Many changes in the tree pattern in addition to those indicated by field edit data were shown.

(f) The original compilation of marsh shoreline was generalized, especially where the marsh was spotty and indefinite. Much of this shoreline could have been changed using the new photographs, but this would have involved major revisions. The changes were therefore confined to the areas bordering important navigable waterways.



PHOTOGRAMMETRIC OFFICE REVIEW

T- 11122

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

CONTROL STATIONS

5a. Classification label ☒

5. Horizontal control stations of third-order or higher accuracy ☒ 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) None 7. Photo hydro stations None 8. Bench marks ☒  
9. Plotting of ~~extent~~ <sup>Theod.</sup> 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 None 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. Glaser  
Reviewer

Joseph Steinberg  
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

R. G. Glaser

Supervisor

Frank J. Lanza

43. Remarks: See Attached sheet



See F.E. PRINT  
(C)

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FIELD EDIT REPORT  
PROJECT PH-81  
QUAD T\*11122

51. Methods. All roads were ridden out to check their classification and to visually check the planimetry and contours. Where necessary old road 7's through the heavily wooded areas were walked out and those that are overgrown and blocked by felled trees were reclassified as trails. Some roads that were created through cultivated fields for the sole purpose of harvesting crops were deleted.

Many features that are new since the field inspection appear on the 1959 photographs. These features have been classified on the photographs and cross referenced on the field edit sheets. These features include several small ponds in the open fields, with spoil alongside, which were dug for the irrigation of crops. New ponds have also been created by damming natural drains and digging above the dams.

A large spoil area near Lat. 32 42.7 Long. 80 13.9 was created by dredging a new cut in the waterway (creek) and dumping the spoil on the shore. This spoil was contoured on photograph 59S-8972.

New buildings and others that were not mapped have been circled on the photographs where discernible. Those that were built since the 1959 photography or are obscured by trees have been blocked in and circled. All buildings are class 1 unless otherwise labeled.

Standard planetable methods were used to check the accuracy of the contours. Many of the T. B. M. established in 1954 have been destroyed which made it necessary to run traverses considerable distances from recoverable vertical control.

The aids to navigation, especially in the Wadmalaw River, have undergone considerable changes since the field inspection. Some aids have been discontinued and removed and others built or rebuilt. Many of these (lights) appear on the 1959 photography. They have been identified and labeled. Triangulation methods were employed to locate a set of ranges near Goshen Point. While locating these all other aids in the area (lights and daybeacons) were also located by the same methods. Descriptions have been written for the lights as well as the set of ranges  
\* in the event their positions are computed. Otherwise the descriptions should be destroyed. A sketch of the triangulation accompanies these data. The azimuth of the range was determined by sextant from a triangulation station to the front range, and closing the horizon on other triangulation stations, while occupying the rear range, since the range is short and it being impractical to occupy the rear range with a theodolite.

\* TRIANGULATION DATA WAS TURNED OVER TO GEODESY DIVISION ON OCT 11, 1961.  
POSITIONS OF AIDS WILL BE COMPUTED.



Aids in the Stono River and daybeacon 98, that were known to to have been disturbed since field inspection, were located by direct identification on the photographs (lights) or sextant fixes from photo. points.

Forms 567 for T-11291 and for this map are being submitted for the aids that were relocated, for aids that no longer exist, for one landmark that has been destroyed and for one aeronautical aid that has been destroyed. These forms are being forwarded in accordance with the Topo. Manual except for the relocated aids. The forms for these are being submitted only to the compilation office in rough form and are to be resubmitted by that office when accurate positions are determined. The relocated aids now appear on the charts.

Field edit information is shown on the following: Four field edit sheets numbered 1 thru 4. The discrepancy prints, one for each the north and south halves of the sheet were also used as field edit sheets. They are numbered 1 and 2. One ratio print each of photographs Nos. 59S-8926, 8928, 8930, 8932, 8944, 8946, 8948, 8950, 8970, 8972 and 8974.

Violet ink was used for all corrections and additions and green ink was used for all deletions on all sheets and photographs.

52. Adequacy of the compilation. Due to the long lapse of time since the field inspection many new features have been built. They are to be added from the photographs and other field edit data. When these features have been added or corrected the compilation will be adequate and complete.

53. Map accuracy. No horizontal tests were made. Contours were tested in both the north and south portion of the sheet. A total of 38 points on the contours were tested. See form 187 (Summary and abstract of vertical accuracy test) attached.

54. Recommendations. None offered.

55. Examination of the proof copy. No one was requested to examine a proof copy of the map as no one contacted is believed to be qualified.

Respectfully submitted,

10 June 1960

*George E. Varnadoe*

George E. Varnadoe

Cartographer Supervisory.

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Review Report  
Topographic Survey T-11122

62. Comparison with Registered Topographic Surveys:

T-5154	1:20,000	1933
T-5158	1:20,000	1933
T-5165	1:10,000	1933
T-5166	1:10,000	1933

T-11122 supersedes the prior Bureau surveys for nautical charting purposes.

63. Comparison with Maps of Other Agencies:

Wadmalaw Island (U.S.G.S.)      1919      1:62,500

T-11122 will be edited and published by the U.S.G.S. as a replacement for the prior quadrangle in the area of common coverage.

64. Comparison with Contemporary Hydrographic Surveys:

Inapplicable

65. Comparison with Nautical Charts:

No. 792      1:40,000      Revised 7/17/61

Differences between the new survey and the chart exist in: the location and configuration of the apparent high-water line; the location of the low-water line; and the road network. There are, however, no items to be applied to charts immediately.

66. Adequacy of Results and Future Surveys:

This map meets the National Standards of Map Accuracy and Bureau requirements.

67. Junctions:

Except for the east side of its north half, this survey joins Bureau surveys along all neat lines. The junctions are in agreement.

T-11122 joins U.S.G.S. Quadrangle ~~L~~egareville, 1959, on the east. Except for the Bohicket Creek shoreline, this junction is in agreement. The shoreline difference between the two



27  
~~2~~

surveys in this area is the result of necessary generalization at scale 1:24,000. It should be noted, however, that the mapped shoreline on the two surveys is not a representation of the same ground features along Bohicket Creek. Extensive tidal flats (mud) with patches of marsh characterize the foreshore area of the creek. T-11122 shows the marsh areas in more intricate detail. The edge of the foreshore area is mapped as the shoreline on the quadrangle. This line represents the apparent high-water line in some areas; the low-water mud line in other areas.

Reviewed by:

S. G. Blankenbaker  
S. G. Blankenbaker

Approved by:

Charles L. Hannon  
Chief, Review Section  
Photogrammetry Division

Robert L. Taylor  
Chief, Nautical Chart  
Division

J. E. Waugh 5/10/63  
Chief, Photogrammetry Division

Harold B. Connelly  
Chief, Operations Division

48. Geographic Names List

Bohicket Creek

Church Creek  
Church Flats

Fickling Creek

Goshen  
Goshen Point

Hollywood

Laadenwah Creek

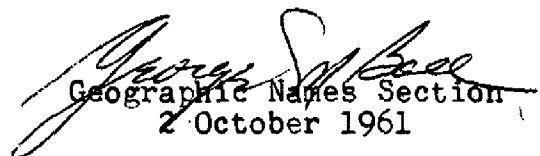
Martins Point  
MeggettNew Cut  
New Cut LandingOakgrove  
Oyster House CreekRavens Point  
\*Rivers

\*Stono River

\*Wadmalaw Island (island)  
\*Wadmalaw Island (town)  
\*Wadmalaw River  
\*Wadmalaw Sound

Yonges Island

\* B.G.N. decisions

  
Geographic Names Section  
2 October 1961

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

## NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED  
~~NO BE/DELETED~~

STRIKE OUT ONE

Baltimore, Maryland 22 April 1958

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

The positions given have been checked after listing by R. Glaser

William F. Deane

Chief of Party.

SOUTH CAROLINA				POSITION					METHOD OF LOCATION AND SURVEY	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE *		LONGITUDE *		DATUM						
				° ' "	D.M. METERS	° ' "	D.P. METERS							
	LT 53	Stono River Light 53		32	44	48.40	80 08	22.51	N.A. 1927	Rad. Plot	1954	X		792, 837
	LT 55	Stono River Light 55		32	44	50.35	80 09	06.53	"	"	"	X		"
	BN 57	Stono River Daybeacon 57		32	44	57.30	80 09	19.09	"	"	"	X		"
	BN 57A	Stono River Daybeacon 57A		32	44	58.27	80 09	28.96	"	"	"	X		"
	BN 57B	Stono River Daybeacon 57B		32	44	54.15	80 09	41.91	"	"	"	X		"
	BN 60	Stono River Daybeacon 60		32	44	38.27	80 09	55.96	"	"	"	X		"
	BN 64	Stono River Daybeacon 64		32	44	00.26	80 10	21.70	"	"	"	X		"
	LT 69	Wadmalaw River Light 69	See new for 567	32	43	00.45	80 10	45.70	"	"	"	X		"
	BN 83	Wadmalaw River Daybeacon 83	See new for 567	32	42	05.00	80 12	07.99	"	"	"	X		"
	LT 88	Wadmalaw River Light 88	See new for 567	32	41	49.73	80 12	30.25	"	"	"	X		"
	LT 89	Wadmalaw River Light 89	See new for 567	32	41	43.99	80 12	48.14	"	"	"	X		"
	LT 90	Wadmalaw River Light 90		32	41	55.71	80 13	13.01	"	"	"	X		"
	BN 91	Wadmalaw River Daybeacon 91		32	41	38.31	80 13	18.08	"	"	"	X		"

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

# TO BE CHARTED

**STRIKE OUT ONE**

Baltimore, Maryland 22 April, 1958

## NONFLOATING AIDS OR LANDMARKS FOR CHARTS

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

The positions given have been checked after listing by R. Glaser

**William 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

Comm-DC 61327

TO BE CHARTED  
TO BE DELETED

**STRIKE OUT ONE**

# MONTHLY/QUARTLY/ANNUAL LANDMARKS FOR CHARTS

**Baltimore, Maryland**

22 April 1958

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

The positions given have been checked after listing by R. Olaser

**William F. Jeane,** *Chief of Party.*

**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**

Comm-DC 61327

NON-FLOATING LANDMARKS FOR CHARTS

TO BE DELETED

STRIKE OUT ONE

Johns Island, S. C. 9 June 1960, 19

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

The positions given have been checked after listing by

George E. Varnedoe

Chief of Party.

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION SURVEY	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE*	LONGITUDE*	D.P. METERS	D.P. METERS						
SOUTH CAROLINA	TANK	Wood, Water	(((DESTROYED BY HURRICANE OF 1959)))	32 44	80 10	17.63	28.92	N. A. 1927	1955	IX			792,837
						537	753	Plot					1239

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

~~TO BE DELETED~~  
~~TO BE DELETED~~

**STRIKE OUT ONE**

## NONFLOATING AIDS ORLANDO MARKETS FOR CHARITERS

~~Jehans Island, S. C.~~ ~~9 June 1960~~, 19

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

The positions given have been checked after listing by

**George E. Varnadoe**

**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



## STRIKE OUT TWO

~~4 October, 1960~~

I recommend that the following objects which have ~~(1948, 1949)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(deleted, from)~~ the charts indicated.

The positions given have been checked after listing by

H. R. Rudolph

Chief of Party.

William B. Randall

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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. Revisions shall show both the old and new positions. 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



TO BE CHARTED  
TO BE REVISED/  
TO BE DELETED

STRIKE OUT TWO

## NONFLOATING AIDS OR LANDMARKS FOR CHARTS

Baltimore, Maryland 4 October 1960

I recommend that the following objects which have ~~(444/444)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(444/444)~~ the charts indicated.

The positions given have been checked after listing by

H. R. Rudolph

William E. Randall Chief of Party.

SOUTH CAROLINA				POSITION				METHOD OF LOCATION AND SURVEY	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED	
STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE *		LONGITUDE *								DATUM
				° ' "	D. M. METERS	° ' "	D. P. METERS							
SOUTH CAROLINA	LT. 69	Wadmalaw River Light 69		32 43	00.55	80 10	45.43	N.A.	5/23/60	X			792,837	
	BN 71	" " Daybeacon 71		32 42	55.67	80 10	51.69	"	"	X			" "	
	BN 73	" " Daybeacon 73		32 42	1715	80 11	01.61	"	"	X			" "	
	BN 75	" " Daybeacon 75		32 42	1535	80 11	15.47	"	"	X			" "	
	LT. 77	" " Light 77		32 42	11.10	80 11	103	"	"	X			" "	
	RR LT. 80	" " Range Rear Lt. 80		32 42	1266	80 11	24.50	"	"	X			" "	
	FR LT. 80	" " Range Front Lt. 80		32 42	35.61	80 11	638	"	"	X			" "	
	LT. 84	" " Light 84		32 42	1097	80 11	26.57	"	"	X			" "	
	BN 87	" " Daybeacon 87		32 42	38.50	80 12	692	"	"	X			" "	
	LT. 88	" " Light 88		32 42	1186	80 12	31.98	"	"	X			" "	
	BN 89	" " Daybeacon 89		32 42	1060	80 12	833	"	"	X			" "	
	BN 98	" " Daybeacon 98		32 42	05.03	80 12	14.59	"	"	X			" "	
	LT. 98	Stono River Daybeacon 52		32 42	155	80 12	23.38	"	"	X			" "	
	BN 52	" " " 54		32 42	1528	80 12	609	"	"	X			" "	
	BN 54			32 42	19.83	80 12	30.29	"	"	X			" "	

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. Revisions shall show both the old and new positions. 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



