

12615

12615

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	SHORELINE (Photogrammetric)
Field No.	Office No. T-12615
LOCALITY	
State	SOUTH CAROLINA
General locality	CHARLESTON TO SAVANNAH
Locality	PARRIS ISLAND
19 64-65	
CHIEF OF PARTY	
Joseph K. Wilson, Chief, Photo Party 6420	
Allen L. Powell, Director, A. M. C.	
LIBRARY & ARCHIVES	
DATE	

## DESCRIPTIVE REPORT - DATA RECORD

T-12615

PROJECT NO. (II):

21420 Job PH-6407

FIELD OFFICE (II):

Beaufort, South Carolina

CHIEF OF PARTY

Joseph K. Wilson

PHOTOGRAMMETRIC OFFICE (III):

Atlantic Marine Center

OFFICER-IN-CHARGE

Allen L. Powell  
Director, A.M. C.

INSTRUCTIONS DATED (II) (III):

April 23, 1964  
September 28, 1964  
December 22, 1964  
February 17, 1971Field  
Office  
Office Amendment #1  
Office (Final Review)

METHOD OF COMPILATION (III):

Kelsh Plotter

MANUSCRIPT SCALE (III):

1:20,000

STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):

1:6,000 pantographed to 1:20,000

DATE RECEIVED IN WASHINGTON OFFICE (IV):

DATE REPORTED TO NAUTICAL CHART BRANCH (IV):

APPLIED TO CHART NO.

DATE:

DATE REGISTERED (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):

PARRY 2, 1916 ✓

LAT.:

32° 18' 06." 709 (206.7m) ✓

LONG.:

80° 41' 06." 309 (165.1m) ✓

☒ ADJUSTED☐ UNADJUSTED

PLANE COORDINATES (IV):

170,605.20 ft. ✓

X = 2,097,309.88 ft. ✓

STATE

South Carolina ✓

ZONE

South ✓

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.



FORM C&GS-181b  
(3-66)

U.S. DEPARTMENT OF COMMERCE  
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION  
COAST AND GEODETIC SURVEY

# DESCRIPTIVE REPORT - DATA RECORD

FIELD INSPECTION BY (III): Matthew A. Stewart Robert S. Tibbetts Erwest W. Hartford		DATE: June 1964 April 1964 May-June 1964
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION):  Air Photo Compilation Date of Photography March 13, 1964		
PROJECTION AND GRIDS RULED BY (IV): A. E. Roundtree		DATE Nov. 1964
PROJECTION AND GRIDS CHECKED BY (IV): P. Hawkins		DATE Nov. 1964
CONTROL PLOTTED BY (III): H. Cordell		DATE Jan. 1965
CONTROL CHECKED BY (III): A. Santillan		DATE Jan. 1965
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): L. Fritz (WSC) J. T. Gerlach (WSC)		DATE No date
STEREOSCOPIC INSTRUMENT COMPILATION (III):	PLANIMETRY C. Blood Reviewed: B. Barnes	DATE June 1965
	CONTOURS Inapplicable	DATE
MANUSCRIPT DELINEATED BY (III): L. Sullivan		DATE July 1965
SCRIBING BY (III):		DATE
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): R. J. Pate		DATE April 1966
REMARKS:		

## DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

W Camera

## PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
64 W 4284	Mar. 13, 1964	09:33	1:30,000	4.7
4289	"	09:38	"	6.0
4290	"	09:39	"	6.0
4298	"	09:46	"	6.1
4299	"	09:46	"	6.1
4300	"	09:47	"	6.1
4301	"	09:47	"	6.1
4302	"	09:48	"	6.1
4308	"	09:57	"	5.4
4309	"	09:58	"	5.4
4310	"	09:58	"	5.4
4311	"	09:59	"	5.4
4312	"	09:59	"	3.7

TIDE (III) Predicted

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: SAVANNAH RIVER ENTRANCE, GA.		6.9	7.1
COORDINATE STATION: SKULL CREEK, NORTH ENTRANCE S.C.		7.0	8.3
FRIPPS INLET, HUNTING ISLAND, S.C.		6.2	7.3
SUBORDINATE STATION: PARRIS ISLAND, BEAUFORT RIVER, S.C.		7.1	8.3
ARCHERS CREEK ENT. BROAD RIVER, S.C.		7.1	8.3

Atlantic Marine Center

REVIEW BY (IV):

C. H. Bishop

DATE: 6-3-71

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):

47

RECOVERED:

19

IDENTIFIED:

10

NUMBER OF BM(S) SEARCHED FOR (II):

13

RECOVERED:

13

IDENTIFIED:

4

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):

None

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):

None

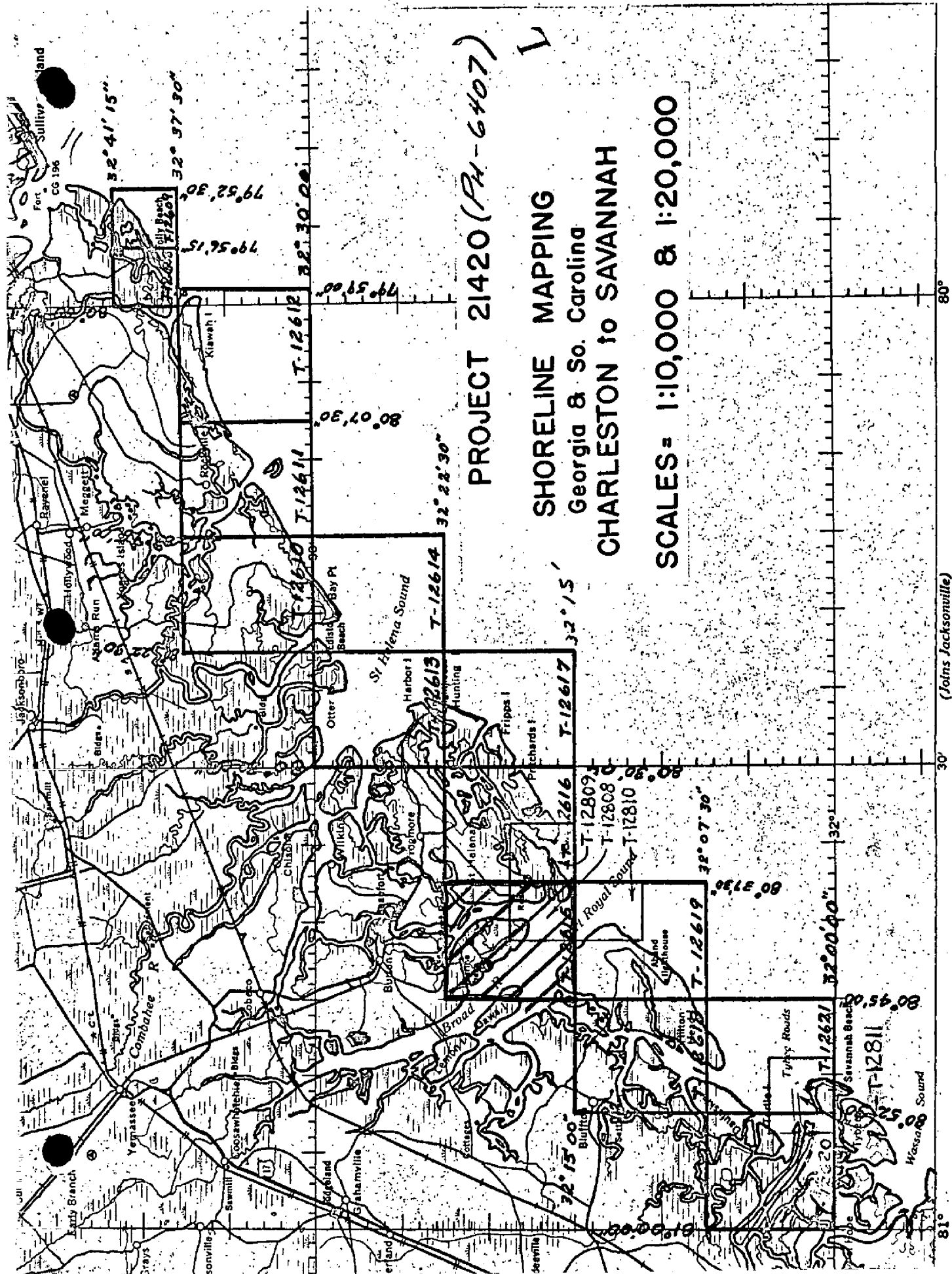
REMARKS:

COMPLETION REPORT

COMPLETION DATE

REMARKS

Compilation Complete pending Field Edit	March 1965	
Final review	June 1971	



PROJECT 21420 (PA-6407)

SHORELINE MAPPING

Georgia & So. Carolina

CHARLESTON to SAVANNAH

SCALES = 1:10,000 & 1:20,000

(Joins Jacksonville)

SUMMARY TO ACCOMPANY  
DESCRIPTIVE REPORT T-12615

This shoreline manuscript, scale 1:20,000, is one of 18 maps that comprise Project PH-6407, Charleston, South Carolina to Savannah, Georgia. The sketch on page 5 of this report shows the location of T-12615 in the project.

Compilation was by stereo-instrument. All of the photographs for T-12615 were 1:30,000 scale panchromatic, taken with the "W" camera on March 13, 1964. The stereo-bridge was run and adjusted to field identified control in the Rockville Science Center. Compilation was done with the Kelsh Plotter in the Atlantic Marine Center. Ratio prints at 1:20,000 scale were processed for photo-hydro support, but hydrography was not accomplished as of June 1971.

Field work before compilation consisted on control identification and field inspection. This map was not field edited.

Final review was done at the Atlantic Marine Center in June 1971.

The compilation manuscript was a vinylite sheet  $7\frac{1}{2}$  minutes in latitude by  $7\frac{1}{2}$  minutes in longitude.

A cronaflex copy of the final reviewed manuscript and a negative have been forwarded for record and registry.

FIELD INSPECTION REPORT  
Project 21420 (Part 2)  
Maps T-12613 thru T-12621  
Georgia and South Carolina

Page 7

This report is submitted for nine Shoreline Maps since there are no great differences in terrain, natural or cultural features which would require special treatment.

2. AREAL FIELD INSPECTION

The area lies between Savannah River and Northeastward to a point just South of Edisto Beach. It includes the outside shoreline and a part of Savannah River, Port Royal Sound and St. Helena Sound. The photograph coverage is not complete for each map, therefore, in accordance with instructions from Washington, field inspection has been completed to the limits of the photographs.

The portion bordering the Atlantic Ocean consists of high sand dunes along the ocean with marsh and swamp behind.

The town of Savannah is located just West of the most Southern maps whereas the town of Beaufort is centrally located. Most of the land is owned by private interests and in many cases, special permission is required to enter the properties.

The photographs were taken in the spring of 1964. The photographic quality was good for the entire area. The tones were found to be similar to other areas along the South Atlantic Coast.

Photographs used for field inspection are listed below by individual maps:

<u>T-12613</u>	<u>T-12614</u>	<u>T-12615</u>	<u>T-12616</u>	<u>T-12617</u>	<u>T-12618</u>
64-W-4269	64-S-1202	64-W-4298 thru 4302	64-W-4279	64-W-4271	64-W-4319
4270	1203	4289 thru 4291	thru	thru	thru
64-S-1206		4307 thru 4311	4283	4273	4320

<u>T-12619</u>	<u>T-12620</u>	<u>T-12621</u>
64-W-4315 thru 64-W-4318	64-W-4324 thru 64-W-4327	64-W-4321 thru 64-W-4323
4286 thru 4288	4329 thru 4334	4335 thru 4337

3. HORIZONTAL CONTROL

Horizontal Control recovery and identification has been completed in accordance with Project Instructions.

The identification of horizontal control was accomplished on enlarged sections of the photographs. This was the first time our party had used the enlarged sections for this purpose. In most cases there was no difficulty and it is believed that the substitute points selected enhanced the accuracy and quality of the points. However, there was difficulty at one station (VENUS 2). The station was pricked direct as there was a small steel stand

over the mark. The substitute point could only be seen good on two of the four photographs. This point has been marked doubtful.

Horizontal control stations reported "lost", "destroyed", or "not recovered" are listed below by map:

T-12613

ASH 1919  
BEK (BEACON NO 1), 1934  
BUTCHERS ISLAND 1857  
CENTRAL 1913  
COMBAHEE BANK LIGHT 1955  
EGG 4, 1933  
EGG BANK PASSAGE DAYBEACON A11, 1955  
EGG BANK PASSAGE DAYBEACON A9, 1955  
EGG BANK PASSAGE DAYBEACON A7, 1955  
EGG BANK PASSAGE DAYBEACON A5, 1955  
EGG BANK PASSAGE DAYBEACON A4, 1955  
GREEN BEACON 1933  
GUS (BEACON NO 2) 1934  
HARBOR RIVER DAYBEACON A14, 1955  
HUTCHINSON 2, 1933  
PALMETTO 1933  
PELICAN BANK DAYBEACON A2, 1955  
PELICAN BANK DAYBEACON A1, 1955  
RED BEACON 1933  
SOUND 1933  
WHARF 1933

T-12614

ED 1921

T-12615

ARCH 1921  
ARCHE CREEK BEACON 1933  
BASE 1 (USE) 1931  
BEAUFORT RIVER LIGHT 17, 1955  
BEAUFORT RIVER LIGHT 13A, 1955  
BUG 1933  
BROOKLYN 1859  
CHOW 1933  
FORT FREMONT OBSERVATION TOWER 1931  
DOS 1931  
FORT FREMONT BEACON 1931  
NORTH 1931  
PARRIS ISLAND WATER TANK (WHITE WITH BLACK TOP) 1932  
PARRIS ISLAND, LOW WHITE STACK 1932  
PARRIS ISLAND SILVER WATER TANK 1932  
PARRIS ISLAND MARINE CORPS RECRUIT DEPOT AIR STRIP BEACON 1955  
PARRIS ISLAND HIGH BRICK STACK 1932  
PARRIS ISLAND STACK (HIGHEST OF TWINS) 1932

PARRIS ISLAND MARINE CORPS, RECRUIT DEPOT, AIR CONTROL TOWER 1955  
PARRIS (USE) 1931  
PORT ROYAL SOUND LIGHT NO 1, 1955  
SKULL CREEK DAYBEACON 4, 1955  
SKULL CREEK ENTRANCE LIGHT 3, 1955  
SKULL CREEK DAYBEACON 5, 1955  
SPIT 1933  
TRIANGULAR BEACON 1931

T-12616

BULL 1933  
MID 1931  
TIDE 1933

T-12617

STORY RIVER DAYBEACON A16, 1955  
TEMPORARY 1955

T-12618

BACK 1931  
BULLPOINT FRONT RANGE 1931  
BUCK 2, 1931  
FRON 1931  
MAG 1931  
MARSH 2, 1931  
MARTIN 1933  
NO 9 (USE) 1931  
OCHO 1921  
SIETE 1931  
SOUTH 1931  
ULMER 1933

T-12619

HILTON FRONT 1931  
STONEY PLANTATION, BAPTIST CHURCH 1931  
TON 1931  
TON 2, 1955  
WAL 3, 1955

T-12620

BARNWELL PLACE LIGHT (OGLETHORPE REAR RANGE LIGHT) 1913  
BLOODY 1932  
BUSH (USE) 1932  
ELBA ISLAND FLATS, LIGHT NO 11, 1932  
FIELDS CUT NO 1 (USE) 1932  
LOWER FLATS REAR RANGE LIGHT 1932  
LAZARETTO CREEK HIGHWAY BRIDGE CENTER OF SWING SPAN 1932  
LONG ISLAND CROSSING FRONT RANGE LIGHT 1933



LONG ISLAND CROSSING REAR RANGE LIGHT 1933  
 NEW CHANNEL REAR RANGE LIGHT 1932  
 NORTH CORNER OF OLD TOWER 1932  
 PERRY (USE) 1934  
 PALMETTO 1933  
 QUARANTINE TANK FINIAL 1932  
 QUARANTINE (USE) 1932  
 TOPO 1934  
 TYBEE KNOLL CUT FRONT RANGE LIGHT 1932  
 UPPER FLATS FRONT RANGE TARGET 1932  
 UPPER FLATS REAR RANGE LIGHT 1932  
 WALLS CUT BEACON NO 6, 1932  
 WALLS CUT BEACON NO 8, 1932  
 WILMINGTON 1857  
 WILMINGTON ISLAND BLACK VENTILATOR, OGIETHORPE HOTEL 1933  
 WRIGHT 1932

T-12621

BRAD 1931  
 DO 1916  
 FORT SCREVEN WATER TANK 1932  
 SAVANNAH BEACH, CASINO SOUTH COPOLA 1913  
 SAVANNAH BEACH, CASINO NORTH COPOLA, 1913  
 TYBRISA TANK 1932

4. VERTICAL CONTROL

A search was made for all tidal bench marks within the limits of these maps. Form 685A was submitted for each mark. One mark in each group was identified on the photograph, except in a few cases where there was no coverage.

5. CONTOURS AND DRAINAGE

Contours are inapplicable.

Drainage is almost entirely composed of tidal streams. Normal drainage is generally by direct run-off into marsh, swamp or the tidal streams.

6. WOODLAND COVER

Woodland Cover was classified in accordance with the Topographic Manual.

7. SHORELINE AND ALONGSHORE FEATURES

The high-water line has been indicated on the photographs by symbol in accordance with current instructions. No attempt was made to delineate the low-water line.

The field inspector accomplished this phase by several methods; Measurements from identifiable points of detail, by visual inspection from skiff, and by walking the shoreline.

All other shoreline features are adequately covered by field inspection notes on the photographs. The photography is recent, therefore, there have been no great changes.

#### 8. OFFSHORE FEATURES

Several piling etc. were located either by sextant fix or theodolite cuts during this survey.

The obstruction reported at Lat. 32-01 - Long. 80-50 chart 1240, could not be seen at low-water.

Your attention is invited to the restricted area in Broad River, near Archers Creek. It is believed that the restricted area should be enlarged on the charts since most of this portion of the river is under fire by the marine guns.

#### 9. LANDMARKS AND AIDS

All Nautical Landmarks have been investigated in the field and are reported on form 567.

All fixed Aids to Navigation were investigated and are reported on form 567. Third-order positions were obtained for the following:

TYBEE KNOLL CUT RANGE REAR LIGHT, 1964  
TYBEE RANGE FRONT LIGHT, 1964  
JONES ISLAND RANGE FRONT LIGHT, 1964  
PORT ROYAL ENTRANCE, CHANNEL FRONT RANGE LIGHT, 1964

Four private aids in the Calibogue Sound area are recommended for charting. The aids were located by several methods; Cuts from triangulation stations and photo points, by sextant fixes, or identified directly on the photograph.

#### 10. BOUNDARIES, MONUMENTS AND LINES

There have been no boundary lines shown.

#### 11. OTHER CONTROL

There were no topographic stations established.

#### 12. OTHER INTERIOR FEATURES

All roads were classified in accordance with Photogrammetry Instructions number 56.

Field Inspection of buildings was done in accordance with Photogrammetry Instructions Number 54, revised September 22, 1961.

There were no bridge or cable clearances measured during this survey.

Marsh and Swamp limits have been shown on the photographs where coverage was available.

13. GEOGRAPHIC NAMES

The investigation of Geographic Names will be handled slightly different from that called for in Project Instructions. This change in procedure was recommended by Dr. A. J. Wright, Chief, Geographic Names Branch.

A systematic and complete investigation of Geographic Names was made from Savannah River North and East to Latitude 32-15. The remainder of the project will be investigated for discrepancies and New Names only.

The change in procedure is due to the recent investigation of names in the project during the years 1955, 1956 and 1957.

The Geographic Names Reports will be submitted at a later date.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Transmitting letters for Horizontal Control Identification were mailed to Washington separately for Part 1 and Part 2 of the Project. Part 1 was mailed on 10 July 1964 and Part 2 on 7 July 1964.

Form 567 will be forwarded with this report.

17 July 1964  
Submitted by:

*Joseph K. Wilson*  
Joseph K. Wilson  
Chief, Photo Party 6420

November 1964

## Aerotriangulation Report

Project No. 21420

Charleston, South Carolina to Savannah, Georgia

21. Area Covered

The bridging covers the Atlantic Coast Shoreline of an area between Charleston, South Carolina to Savannah, Georgia.

22. Method

Nine strips were bridged on the Zeiss C-5 and C-9 stereo-planigraphs to provide control for compilation of shoreline.

Strip No.	Photos
1	64S 1206 - 1227
2	64W 4269 - 4273
3	64W 4276 - 4284
4	64W 4305 - 4312
5	64W 4295 - 4302
6	64W 4290 - 4294
7	64W 4314 - 4327
8	64W 4332 - 4337
9	64W 4286 - 4290
10	

Strip #2 consisting of photos 64S 1184 - 1203 was not bridged. However, tie points were dropped from Strip #1 to provide control for graphic compilation of the area.

All strips were 1:30,000 scale photography.

23. Adequacy of Control

Control positions were adequate for bridge adjustment. However, the northeast end of Strip #1 was run as a separate bridge due to difficulty in holding the control. Both segments had control station Hernan in common. Tie points between the two bridges were averaged.

Strip #7 was also interrupted due to a water gap and divided into two bridges, #7 and #10.

Strip #9 was ended at control station Queen because Station Master (130) would not hold. This was probably due to error in distance.

*The points had been checked on the plate for strip #2 by the W.C., and the maps were compiled with Kellogg.*

All other points held within accuracy requirements.

All common pass points between the strips were averaged.

24. Supplemental Data

A number of objects identified as landmarks were used as check control stations and held within accuracy requirements.

25. Photography

Photography was adequate as to coverage, overlap and definition.

26. Recommendations

Ratio prints of Strip #2, at a scale of 1:20,000, have been ordered and will be submitted separately.

Submitted by:

ATG  
LF

Lawrence Fritz  
John T. Gerlach

Approved by:

*John D. Ferrow Jr.*  
John D. Ferrow, Jr.

Aerotriangulation Report  
Project No. 21420  
Charleston, S.C. to Savannah, Ga.

Amendment to Report of Nov. 1964

Strip 9-A, consisting of photos 64-W-4329 through 4332, was bridged using three triangulation stations as control.

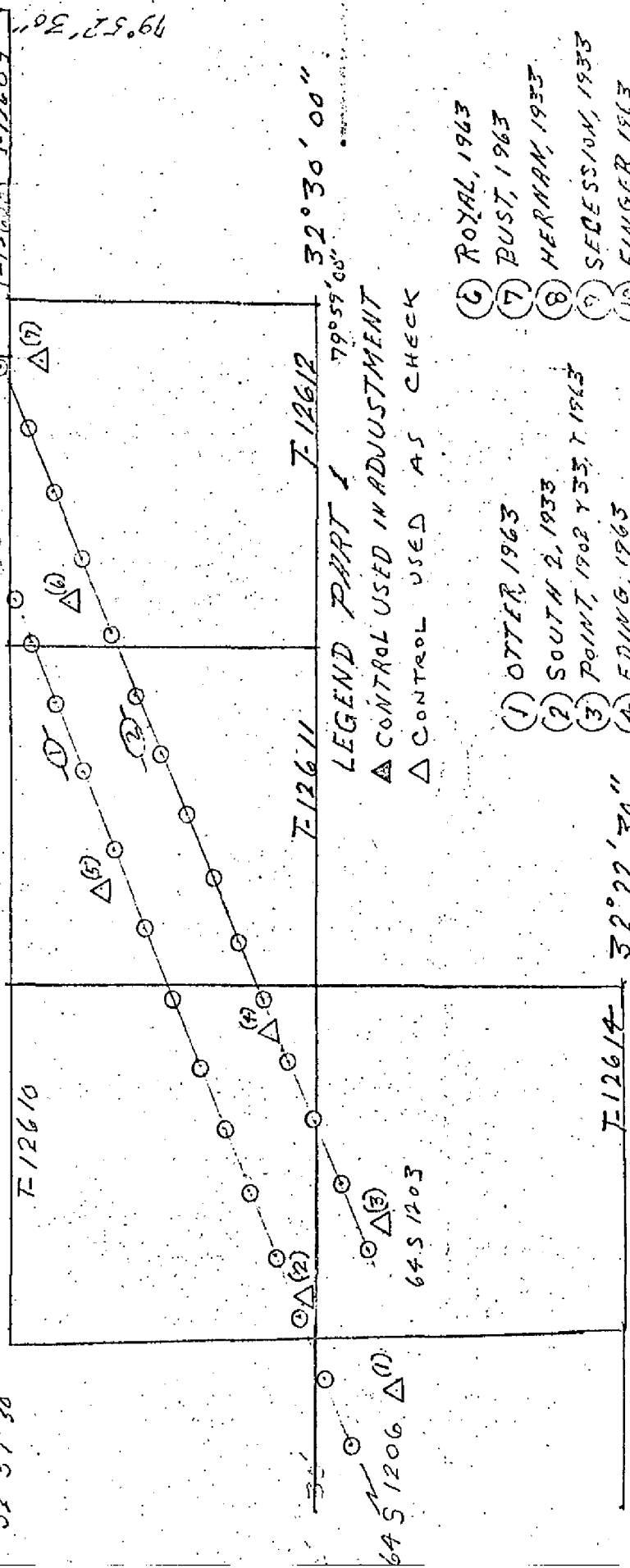
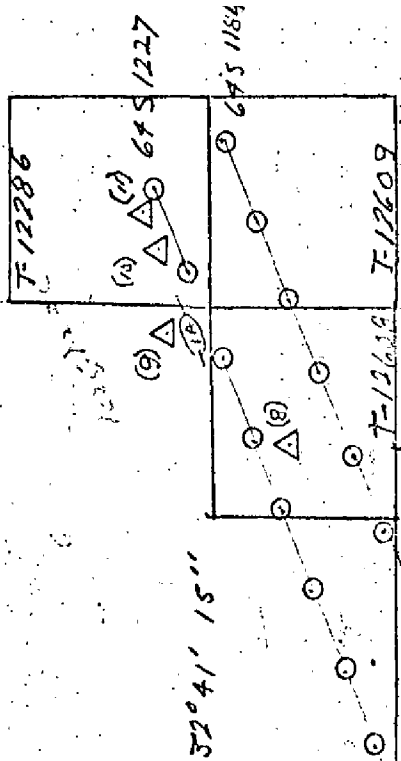
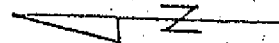
Station Proctor Use, 1932 (SS #1) was of very poor image quality and could not be held in the bridge. A secondary straight line adjustment was applied to the junction area of Strips 8 and 9. This junction is weak but within National Map Accuracy Standards.

Submitted by:

John D. Perrow, Jr.



Aerotriangulation Sketch  
 Project 21420  
 Shoreline Mapping  
 Georgia & S.C. Carolina  
 Charleston to Savannah  
 9-2-64



LEGEND PART 1  
 Δ CONTROL USED IN ADJUSTMENT  
 Δ CONTROL USED AS CHECK

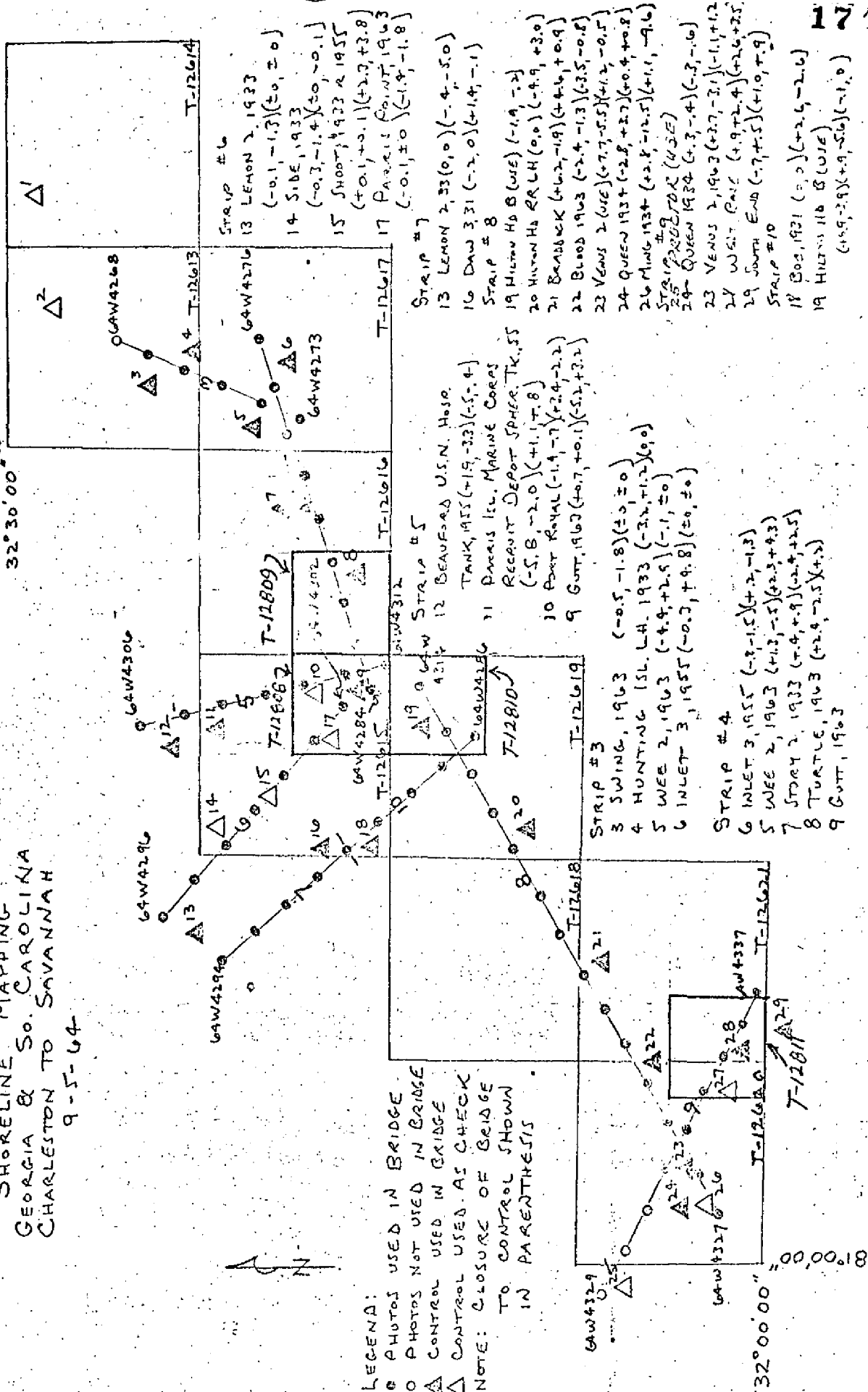
- (1) OTTER, 1963
- (2) SOUTH 2, 1933
- (3) POINT, 1902 Y 33, T 1963
- (4) EDING, 1963
- (5) HICKE, 1963

- (6) ROYAL, 1963
- (7) BUST, 1963
- (8) HERMAN, 1933
- (9) SEDGESSON, 1933
- (10) FINGER, 1913
- (11) BLOCK, 1900 T 1913

# AEROTRIANGULATION SKETCH PROJECT 21420 SHORELINE MAPPING GEORGIA & SO. CAROLINA CHARLESTON TO SAVANNAH 9-5-64

## LEGEND:

- PHOTOS USED IN BRIDGE
  - PHOTOS NOT USED IN BRIDGE
  - △ CONTROL USED IN BRIDGE
  - △ CONTROL USED AS CHECK
- NOTE: CLOSURE OF BRIDGE  
TO CONTROL SHOWN  
IN PARENTHESES





MAP T-12615

21120 (PH-6407)

1:20,000

SCALE OF MAP

SCALE FACTOR

PROJECT NO.

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR U-COORDINATE LONGITUDE OR X-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
PARRIS ISLAND MARINE CORPS RECRUIT DEPOT, PC S p.113 LOOKOUT TOWER, 1955 (LDMK)	GPS I p.310 Desc 203 p.211 Forms 164 from WO	NA 1927	180,838.47 ✓ 2,089,241.44 ✓ 179,416.31 ✓ 2,099,719.70 ✓				
PARRIS ISLAND RADAR SET FPS-37 (LDMK) 1963							
PARRIS ISLAND MICROWAVE TOWER 1963, (LDMK)	"	"	179,313.01 ✓ 2,099,745.42 ✓				
PARRIS POINT, 1963	"	"	169,588.42 ✓ 2,099,603.24 ✓				
SIDE 1933	PCs S p.29	"	191,804.49 ✓ 2,081,787.50 ✓				
BOB, RM No 1 1931	Forms 164 from WO	"	155,481.94 ✓ 2,080,474.57 ✓				
BOB, 1931	PCs S Zone p.43	"	155,488.03 ✓ 2,080,445.95 ✓ 157,160.57 ✓				
GUTT, 1963	Forms 164 from WO	"	2,109,787.46 ✓ 171,041.08 ✓				
DAW 3, 1931	PCs S p.29	"	2079,557.03 ✓ 182,395.07 ✓				
SHOOT, 1933	PCs S p.29	"	2,088,389.59 ✓ 188,374.47 ✓				
PARRIS ISLAND MARINE CORPS RECRUIT DEPOT PC S p.113 SPHERICAL TANK 1955	Desc. 203 p.211 PC S p.24	"	2,100,383.83 ✓ 168,479.68 ✓ 2,110,182.07 ✓				
PORT ROYAL, 1859							

DESTROYED - not plotted on manuscript. c1118

1 FT. = 3048006 METER  
COMPUTED BY:

B.L.Barge

DATE

12-28-64

CHECKED BY:

BHB

DATE

2-2-65

M-2388-12

18



MAP T. 21615 PROJECT NO. 21120 (PH-6407) SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\nu$ -COORDINATE LONGITUDE OR $x$ -COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927-DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
BASE 1 (USE) 1931	PCs Sp. 42 Desc 203 p. 126	" NA 1927	192,937.97 2,088,355.43	✓ ✓			
BUG 1933 RM. 1	GP S p. 20 PC S p. 32 Desc 203 p. 61	"	32° 21' 866.1m (982.1) 80 39 409.7 (1159.1)	✓ ✓			
CHOW, 1933	PC S p. 31 Desc 203 p. 63	"	182,305.46 2,108,787.64	✓ ✓			
JEW 1933	PC S p. 32 Desc. 203 p. 98	"	196,083.48 2,113,658.85	✓ ✓			
MARINE 1931	PC S p. 24 Desc. 203 p. 12	"	189,157.32 2,095,818.97	✓ ✓			
MARY 1933	PC S p. 32 Desc. 203 p. 126	"	192,812.36 2,111,306.98	✓ ✓			
PARRY 2, 1916	PC S p. 42 Desc 203 p. 19	"	170,605.20 2,097,309.88	✓ ✓			
STATION ISLAND 2, 1933	Photosat PC S p. 26 GP p. 60 Desc 203 p. 51	"	163,283.58 2,110,759.79	✓ ✓			
STATION CREEK DAY BEACON A19, 1955	PC S p. 113	"	162,121.54 2,110,202.92	✓ ✓			
PARRIS ISLAND SPIT LIGHT 246 1963	Photosat 16 Unadj. Field PC S p. 114	"	32° 16' 41.945" 80 40 00.192 192,940.79 2,107,948.41	✓ ✓ ✓ ✓			
OX 2, 1955							
PARRIS (USE) 1931	GP p. 111 PC S p. 42 Desc 203 p. 128	"	193,526.43 2,091,887.98	✓ ✓			

LOST - not plotted on manuscript. c. 1918.

19

1 FT. = 3048006 METER  
COMPUTED BY:

B.I.B.

DATE

1-2-65

CHECKED BY:

BHB

DATE

2-2-65

M. 2388-12





## COMPILATION REPORT

T-12615

31. DELINEATION

The Kelsh plotter was used. Field inspection was adequate. Photography was satisfactory.

32. CONTROL

See Aerotriangulation Report dated November 1964.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

Drainage was delineated as inspected or from office interpretation of the photography.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline inspection was adequate and was delineated accordingly. The approximate low water line was delineated from office interpretation of the photography.

36. OFFSHORE DETAILS

None

37. LANDMARKS

Appropriate copies of Form 567 for Aids to Navigation and Landmarks have been submitted to the Washington Office under date April 29, 1966.

38. CONTROL FOR FUTURE SURVEYS

None

39. JUNCTIONS

Junctions have been made with T-12619 to the south and T-12616 to the east. No contemporary surveys to the north and west.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with U.S.G.S. Quadrangle Parris Island, S. C., scale 1:24,000, 1956.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with Chart 571, scale 1:40,000, dated November 12, 1963 and with Chart 1240, scale 1:80,000, dated April 1964.

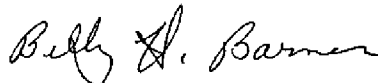
ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD


None

Submitted:



Billy H. Barnes  
Cartographic Aid

Approved: 

  
Allen L. Powell, RADM, NOAA  
Director, Atlantic Marine Center



April 14, 1971

## GEOGRAPHIC NAMES

## FINAL NAME SHEET

PH-6407 (South Carolina)

T-12615

Archers Creek  
Ballast Creek  
Bay Point  
Bay Point Island  
Beaufort River  
Bobb Island  
Broad River  
Chechessee River  
\*Chowan Reach  
\*Chowan Spit  
Daws Island  
Doggie Island  
Dolphin Head  
Elliot's Beach  
\*Fort Fremont Reach  
Hilton Head Island  
Horse Island  
Intracoastal Waterway  
Jericho Island  
Lands End

\*Middle Shoal  
Morse Island Creek  
Niver Beach  
Page Field  
Park Creek  
Parris Island  
\*Parris Island Spit  
Parris Point  
Pinckney Island  
Port Royal Island  
Port Royal Sound  
Ribbon Creek  
St. Helena Island  
St. Phillips Island  
Seabrook Landing  
Seabrook Pond  
Skull Creek  
Station Creek  
Wale Branch

Approved by:

*A. Joseph Wraight*  
A. Joseph Wraight  
Chief Geographer

Prepared by:

*Frank W. Pickett*  
Frank W. Pickett  
Cartographic Technician

\* Feature not delineated,  
C.H.B.

T-12615

49. NOTES FOR THE HYDROGRAPHER

None

C&GS FORM 1002 (11-13-61)		U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY	
<b>PHOTOGRAMMETRIC OFFICE REVIEW</b> T-10369 T-12615			
1. PROJECTION AND GRIDS RJP	2. TITLE RJP	3. MANUSCRIPT NUMBERS RJP	4. MANUSCRIPT SIZE RJP
<b>CONTROL STATIONS</b>			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY RJP	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) XX		7. PHOTO HYDRO STATIONS XX
8. BENCH MARKS XX	9. PLOTTING OF SEXTANT FIXES XX	10. PHOTOGRAMMETRIC PLOT REPORT BRIDGE (WO)	11. DETAIL POINTS KELSH
<b>ALONGSHORE AREAS (Nautical Chart Data)</b>			
12. SHORELINE RJP	13. LOW-WATER LINE RJP	14. ROCKS, SHOALS, ETC. RJP	15. BRIDGES XX
16. AIDS TO NAVIGATION RJP	17. LANDMARKS RJP	18. OTHER ALONGSHORE PHYSICAL FEATURES RJP	19. OTHER ALONGSHORE CULTURAL FEATURES RJP
<b>PHYSICAL FEATURES</b>			
20. WATER FEATURES XX		21. NATURAL GROUND COVER XX	22. PLANETABLE CONTOURS XX
23. STEREOSCOPIC INSTRUMENT CONTOURS XX	24. CONTOURS IN GENERAL XX	25. SPOT ELEVATIONS XX	26. OTHER PHYSICAL FEATURES RJP
<b>CULTURAL FEATURES</b>			
27. ROADS RJP	28. BUILDINGS XX	29. RAILROADS XX	30. OTHER CULTURAL FEATURES RJP
<b>BOUNDARIES</b>			
31. BOUNDARY LINES XX		32. PUBLIC LAND LINES XX	
<b>MISCELLANEOUS</b>			
33. GEOGRAPHIC NAMES RJP		34. JUNCTIONS RJP	35. LEGIBILITY OF THE MANUSCRIPT RJP
36. DISCREPANCY OVERLAY XX	37. DESCRIPTIVE REPORT RJP	38. FIELD INSPECTION PHOTOGRAPHS RJP	39. FORMS RJP
40. REVIEWER RJP		SUPERVISOR, REVIEW SECTION OR UNIT ACR	
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			



## NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED  
TO BE REVISED  
TO BE DELETED

STRIKE OUT TWO

ATLANTIC MARINE CENTER

MAY 28

19 64

I recommend that the following objects which have ~~been~~ <sup>have not</sup> 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

Billy H. Barnes

J. Bull, Director, Atlantic Marine Center Chief of Party

STATE	SOUTH CAROLINA			SIGNAL NAME	DESCRIPTION	POSITION				METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED	
						LATITUDE*		LONGITUDE*								
						° ' "	D. M. METERS	° ' "	D. P. METERS							
CHARTING NAME																
	BROAD RIVER ARCHERS CREEK															
SIGN	Archers Creek Warning Sign, West					32 21	13.34 411	80 44	21.80 570	N.A. Sextant 1927 T-12615	June 1964	X	X			571 1240
SIGN	" " " East					32 21	5.03 155	80 44	13.61 356	" " "	" "	X	X			" "
	INTRACOASTAL WATERWAY CHARLESTON - SAVANNAH RIVER															
	PORT ROYAL SOUND															
LIGHT 246	(PARRIS ISLAND SPIT LIGHT 246 1963)					32 16	41.945 1292.0	80 40	00.192 05.02	Triang. Verific. T-12615	June 1964	X	X			571 1240
LIGHT 1	Light 1					32 15	55.58 1712.0	80 41	50.05 1310.0	Sext. T-12615	June 1964	X	X			" "
	SKULL CREEK															
LIGHT 3	Entrance Light 3					32 16	16.95 522.0	80 43	45.65 1195.0	Sextant T-12615	" "	X	X			571 1240
DAYBEACON 4	Daybeacon 4					32 16	21.82 672.0	80 44	9.86 258.0	" "	" "	X	X			" "
DAYBEACON 5	Daybeacon 5					32 16	6.01 185.0	80 44	7.72 202.0	" "	" "	X	X			" "
LIGHT 6	Light 6					32 15	50.97 1570.0	80 44	27.81 728.0	" "	" "	X	X			" "

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. 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

✓ CKB  
6-4-71



U.S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY

## NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED  
TO BE REVISED  
TO BE DELETED

STRIKE OUT TWO

MAY 28, 1966

ATLANTIC MARINE CENTER

I recommend that the following objects which have *(strike-out)* 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

Billy H. Barnes

J. Bull, Director, Atlantic Marine Center *Chief of Party*

STATE				SOUTH CAROLINA				POSITION				METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE*		LONGITUDE*		DATUM										
			° ' "	D.P. METERS	° ' "	D.P. METERS											
	INTRACOASTAL WATERWAY																
	CHARLESTON-SAVANNAH RIVER																
	SKULL CREEK																
DAYBEACON 7	Day beacon 7		32 15	22.86 7011.0	80 1111	56.143 11177.0	N.A. 1927	Sextant T-12615	June 19611	X	X					571 12110	
	BEAUFORT RIVER																
LIGHT	Range A Front Light		32 19	54.05 1665.0	80 38	56.17 11169.0	"	Photo T-12615	June 1964	X	X					571 12110	
"	Range A Rear Light	CHB	32 20	23.70 732.0	80 38	52.81 1381.0	"	"	"	X	X					"	
"	Range C Front Light	CHB	32 20	6.98 215.0	80 39	21.34 558.0	"	"	"	X	X					"	
"	Range B Rear Light	CHB	32 19	30.49 939.0	80 38	55.59 11511.0	"	"	"	X	X					"	
"	Range C Front Light	CHB	32 20	58.76 1810.0	80 39	50.11 1318.0	"	"	"	X	X					"	
"	Range B Rear Light	CHB	32 21	1100.0 35.71	80 40	122.0 4.67	"	"	"	X	X					"	
"	Battery Creek Range Front Light		32 21	14.28 1364.0	80 40	24.52 611.0	"	"	"	X	X					"	
"	Battery Creek Range Rear Light		32 21	35.71 1100.0	80 40	46.67 122.0	"	"	"	X	X					"	
LIGHT 43	Battery Creek Light		32 21	58.99 1817.0	80 11	6.43 168.1	"	Sext. T-12615	May 1964	X	X					"	

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. 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

CHB



U.S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY

## NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED  
TO BE REVISED  
TO BE DELETED

STRIKE OUT TWO

ATLANTIC MARINE CENTER

MAY 28

19 64

I recommend that the following objects which have *(have-not)* 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

Billy H. Barnes

J. Bull, Director, Atlantic Marine Center

Chief of Party.

STATE SOUTH CAROLINA				POSITION						METHOD OF LOCATION AND SURVEY No.	DATE OF COGNITION Verification	NEARBY CHART	OFFSHORE CHART	CHARTS AFFECTED
CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE*		LONGITUDE*		DATUM							
			° ' "	D.M.METERS	° ' "	D.P.METERS								
DAYBEACON A19	PORT ROYAL SOUND STATION CREEK		32	16	42.35	80	38	N.A.	June 1964	x			571	
	(STATION CREEK DAYBEACON A19 1955)				1304.5			1927 T-12615		x			1240	

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. 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

✓ CMB

USCOMM-DC 16234-P 61



U.S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY

## NON-FLOATING-AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED  
~~TO BE REVISED~~  
~~TO BE DELETED~~

STRIKE OUT TWO

APRIL 5, 1966

ATLANTIC MARINE CENTER

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

The positions given have been checked after listing by

Billy H. Barnes

**J. Bull, Director, Atlantic Marine Center** *Chief of Party.*

STATE			SOUTH CAROLINA			POSITION							METHOD OF LOCATION AND SURVEY No.			DATE OF LOCATION			HARBOR CHART			INSHORE CHART			OFFSHORE CHART			CHARTS AFFECTED		
CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE*			LONGITUDE *			DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED															
			°	'	"	D.M. METERS	°	'								"	D.P. METERS													
	PORT ROYAL SOUND BROAD RIVER																													
TOWER	Tower, Radar, Skeleton steel 1964, ht=85' (91)		32	19	41.46	1277.0	80	42	N.A.	Photo T-12615	May 1964	X			571															
TOWER	(PARRIS ISLAND MARINE CORPS RECRUIT DEPOT, LOOKOUT TOWER 1955)		32	19	48.20	48.20	80	42	"	Triang.	"	X	X		1240															
	Steel, ht=89 (104)									T-12615	Verification				"															
	PORT ROYAL SOUND																													
	BEAUFORT RIVER																													
TANK	(PARRIS ISLAND, MARINE CORPS RECRUIT DEPOT, SPHERICAL TANK, 1955) ht=118 (126)		32	21	02.448	75.4	80	40	CMS 780.7	Triang. T-12615	"	X	X		"															
TANK	(MARINE (BLACK) 1931) Tank, steel Silver ht=117 (124)		32	21	10.331	23.041	80	41	"	"	"	X	X		"															
STACK	Stack, Brick White ht=71(78)		32	21	318.2	602.5	80	41	"	Photo	"	X	X		"															
	(PARRIS ISLAND RADAR, SET F.P.S. 37, 1963)		32	21	34.74	23.25	80	42	"	T-12615	"	X	X		"															
DOME	(PARRIS ISLAND MICROWAVE TOWER 1963) Steel ht=222 (232)		32	19	33.825	37.919	80	40	"	Triang. CMS	"	X	X		"															
			32	19	1011.9	991.8	80	40	"	T-12615	"	X	X		"															
TOWER			32	19	32.802	37.623	80	40	"	Triang. CMS	"	X	X		"															
			32	19	1010.4	984.0	80	40	"	T-12615	"	X	X		"															
									</																					

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. 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

✓ 20111113.



## REVIEW REPORT T-12615

## SHORELINE

June 3, 1971

61. GENERAL STATEMENT:

See Summary on page 6 of this Descriptive Report.

An ozalid comparison print, pages 32 through 38, with differences noted in Items 62, 63, and 65, is bound with the original of this report.

≡ No detailed comparison was made with numerous tributaries within marsh areas.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A comparison was made with registered photogrammetric surveys T-10311, PARRIS ISLAND, S. C., T-10312, CHOWAN RIVER, S. C., T-10316, DOLPHIN HEAD, S. C., and T-10317, FORT FREMONT, S. C., all 1:10,000 scale, and all surveyed in 1955. Differences between these surveys and T-12615 are shown in blue on the comparison print.

Small differences in shoreline may be attributed to erosion or differences in interpretation of the photographs. The most noticeable change by erosion is Bay Point at the southwest end of St. Phillips Island.

The following aids to navigation shown on the old surveys did not exist at the time of field inspection for T-12615:

Battery Creek Daybeacon 1955  
Beaufort River Light 22 1955  
Beaufort River Light 20 1955  
Beaufort River Light 17 1955  
Beaufort River Light 13 1955

The aids in Skull Creek appear to be at or near the same positions, although Light 3 and Daybeacon 5 are on new structures.

T-12615 supersedes T-10311, T-10312, T-10316 and T-10317 for charting purposes and will be superseded by TP-00271, TP-00272, TP-00274 and TP-00275, Project PH-7101, when they are completed (south of latitude 32°100' 00" only).

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with U.S.G.S. Quadrangle PARRIS ISLAND, S. C., scale 1:24,000, dated 1956. Difference between this survey and T-12615 are shown in brown on the comparison print.

Along the southwest side of Parris Island, the shoreline on the quadrangle is generally inshore from the shoreline on T-12615 — as much as 120 meters just west of Parris Point. Another conspicuous difference is at Bay Point at the southwest end of St. Phillips Island, where the shoreline has eroded about 400 meters at longitude  $80^{\circ} 38.7'$  and built up about 300 meters at longitude  $80^{\circ} 37.7'$ .

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

No contemporary hydrographic surveys were available for comparison.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with Chart 571, scale 1:40,000, 16th edition, dated October 31, 1970. The mean high water line appears to be the same as the mean high water line on Registered Surveys: T-10311, T-10312, T-10316, and T-10317. Where the difference is the same for both the chart and the registered surveys, the difference is shown with a blue line; where the difference varies, the chart difference is shown with a red line.

Charted piers at Seabrook Landing, latitude  $32^{\circ} 15.5'$ , longitude  $80^{\circ} 44.5'$ , appear on photographs 64 W 4289 and 4290 as ruins and are so mapped.

Piling at the entrance to Archers Creek are not visible on the photographs and the charted signs are not in the same position as signs mapped on T-12615.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:


This survey complies with Project Instructions, Bureau requirements, and the National Standards for Map Accuracy. No accuracy tests were run in the field.

Reviewed by:


*Charles H. Bishop*

Charles H. Bishop  
Cartographer  
June 3, 1971

Approved for forwarding:

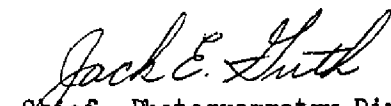
  
Melvin J. Umbach, CDR, NOAA  
Chief, Photogrammetry Division, AMC

Approved:

  
Allen L. Powell, RADM, NOAA  
Director, Atlantic Marine Center

Approved:

  
Chief, Photogrammetric Branch *bb*

  
Chief, Photogrammetry Division



## COMPARISON PRINT

Blue = T-10311

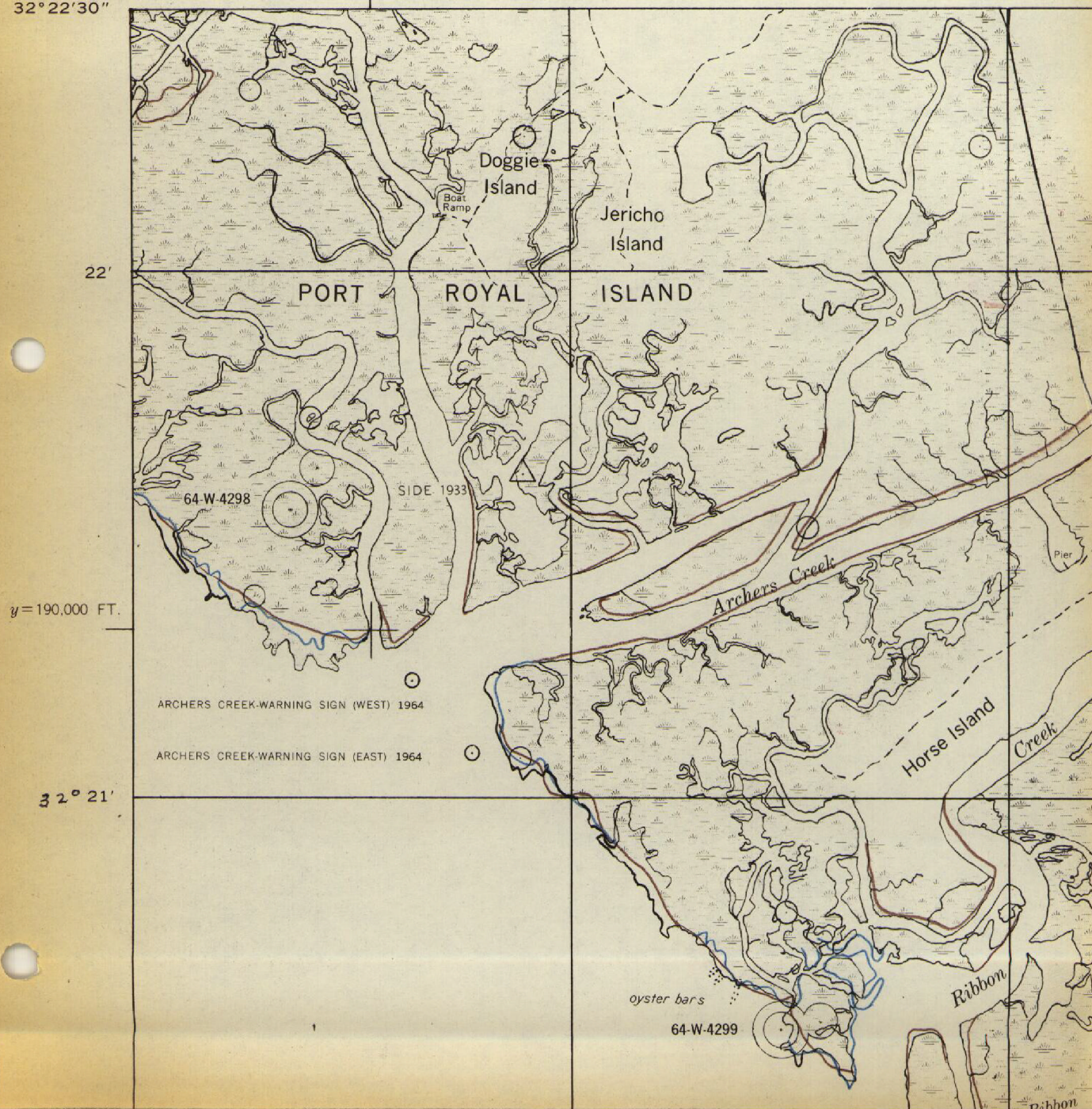
Brown = USGS PARRIS ID., S. C.

80°45'00"  
32°22'30"

x=2,080,000 FT.

44'

43'





80°45'00"

BROAD

44'

33

20'

y=180,000 FT.

RIVER

PARRIS ISLAND MARINE CORPS RECRUIT  
DEPOT LOOKOUT TOWER 1955 ht=89 (104)

19'

32°19'

#### NUMBERED CONTROL STATIONS

- 1 - PARRIS ISLAND RADAR SET F.P.S.-37 1963 ht=85 (95)
- 2 - PARRIS ISLAND MICROWAVE TOWER 1963 ht=222 (232)

#### LANDMARKS

- a. - RADAR TOWER 1964 (Skeleton steel) ht=85 (91)

#### COMPARISON PRINT

Blue = T-10311 and T-10316  
Brown = USGS PARRIS ID., S. C.  
Red = Chart 571

Daws Island

DAW 3 1931

y=170,000 FT.

18'

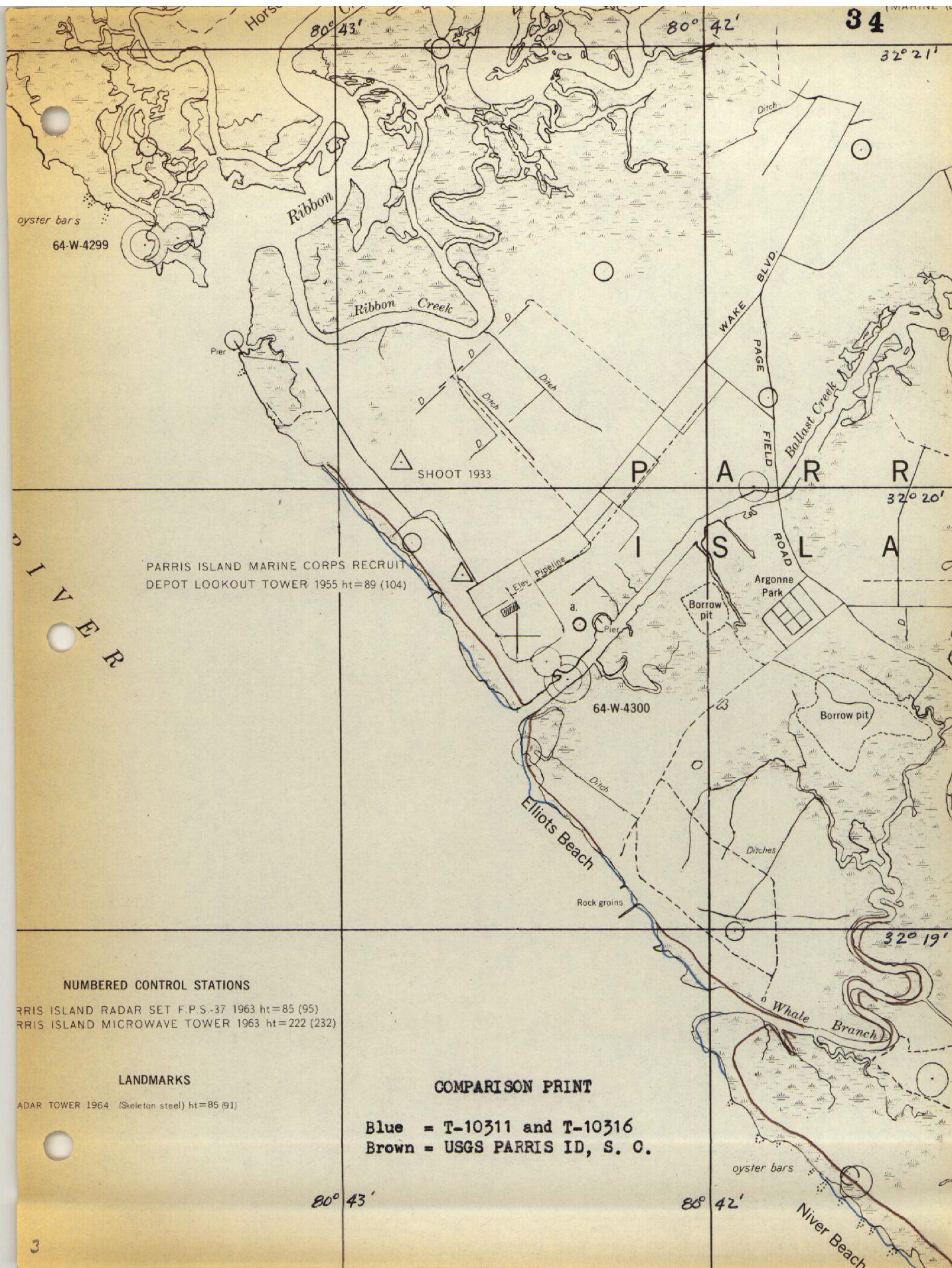
80°45'00"

44'

32°18'

80°43'00"







COMPARISON PRINT

Blue = T-10312, T-10316, T-10317  
Brown = USGS PARRIS ID., S. C.  
Red = Chart 571

Parris Point

64-W-4302



32° 17'

17'

64-W-4290

COMPARISON PRINT

Blue = T-10316

Brown = USGS PARRIS ID., S. C.

 $y = 160,000 \text{ FT}$ 

SKULL CREEK DAYBEACON 4 1964

SKULL CREEK ENTRANCE LIGHT 3 1964

SKULL CREEK DAYBEACON 5 1964

16'

32° 16'

Dolphin Head

Pinckney Island

Bobb  
Island

SKULL CREEK  
LIGHT 6 1964

BOB RM NO 1, 1931  
Tidal BM 4

Seabrook Landing

SKULL CREEK  
DAYBEACON 7 1964

64-W-4289

HILTON HEAD ISLAND

32° 15' 00"

80° 45' 00"

$$x = 2,280,000 \text{ FT.}$$

445

80° 43'

32° 15'

INDEX TO ADJOINING SHEETS  
PROJECT 21420

COMPILATION RECORD

Compilation complete  
pending field edit

80° 22' 30"

80°15'00"



80° 43'

80° 42'

37

O  
R  
T

32° 17'

R

O

# COMPARISON PRINT

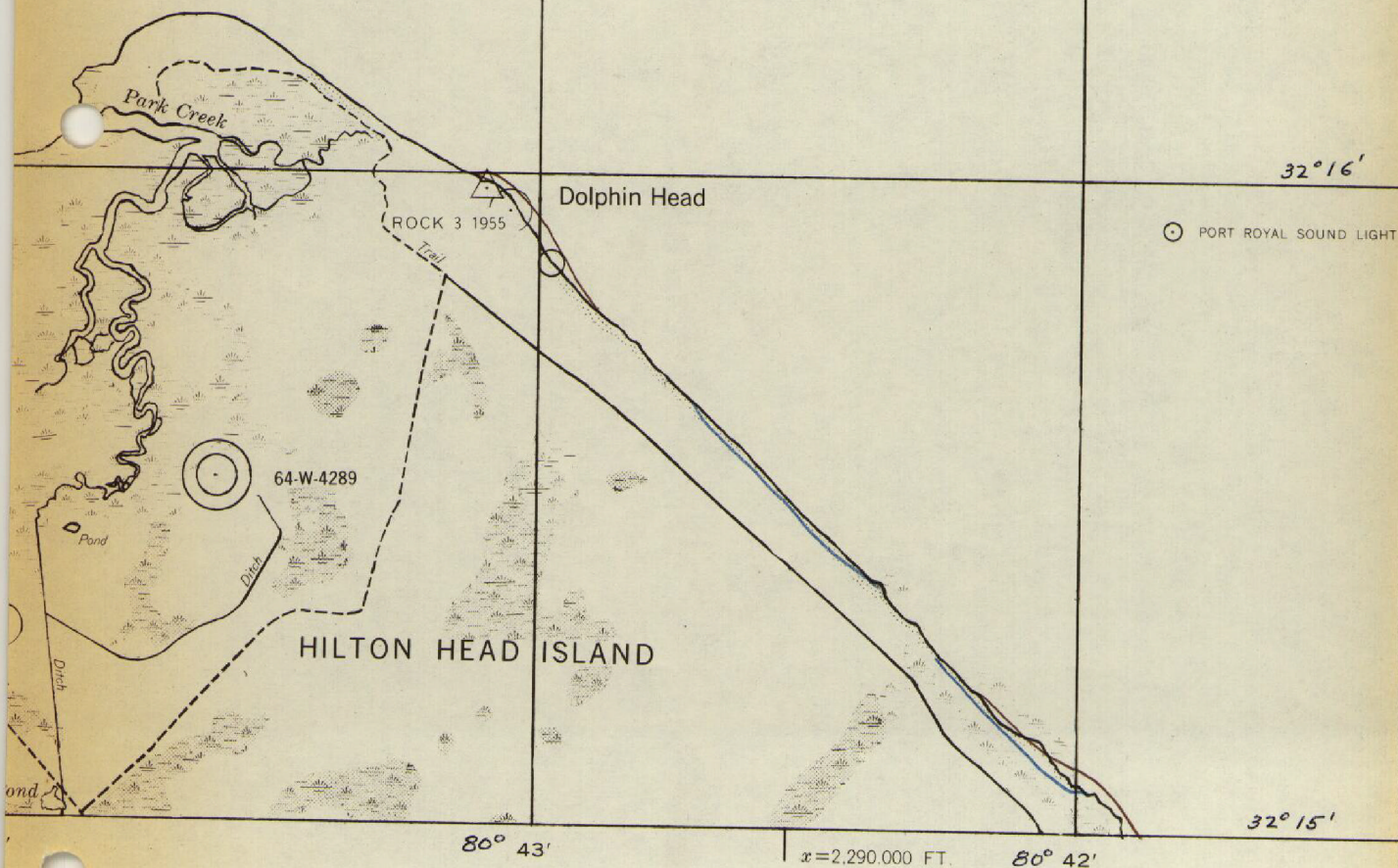
Blue = T-10316

Brown = USGS PARRIS ID. , S. C.



EEK DAYBEACON 4 1964

SKULL CREEK ENTRANCE LIGHT 3 1964



COMPILATION RECORD

COMPLETION DATE

REMARKS

Compilation complete  
pending field edit

March 1965



B  
E  
A  
U  
F

COMPARISON PRINT

Blue = T-10317  
Brown = USGS PARRIS ID., S. C.  
Red = Chart 571

D SPIT LIGHT 246, 1963

STATION CREEK  
DAYBEACON A19, 1955

64-W-4284

GUTT 1963

ST. HELENA ISLAND

STATION ISLAND 2 1933

Tidal BM

oyster bars

Station Creek

64-W-4311

ISLAND

PHILLIPS

Bay Point

PORT ROYAL 1859

64-W-4310

y=170,000 FT.

32° 18'

38

32° 17'

y=160,000 FT.

32° 16'

38'

80° 37' 30"

80° 39'

7



