

TP-00272

TP-00272

NOAA FORM 76-35

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

DESCRIPTIVE REPORT

Type of Survey Shoreline

Job No. ... PH-7101 Map No. TP-00272

Classification No. Edition No. 1

Field Edited Map

LOCALITY

State ... South Carolina and Georgia

General Locality Charleston to Savannah

Locality Pritchards Island

19 70 TO 19 74

REGISTRY IN ARCHIVES

DATE

MAP NOT INSPECTED IN QUALITY CONTROL PRIOR
TO REGISTRATION

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	
DESCRIPTIVE REPORT - DATA RECORD		TYPE OF SURVEY ☒ ORIGINAL ☐ RESURVEY ☐ REVISED	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division (Norfolk)		SURVEY TP. <u>00272</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>Final(F.E.)</u> JOB PH. <u>7101</u>	
OFFICER-IN-CHARGE Jeffrey G. Carlen, Cdr.		LAST PRECEDING MAP EDITION TYPE OF SURVEY ☐ ORIGINAL ☐ RESURVEY ☐ REVISED JOB PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__	
I. INSTRUCTIONS DATED			
1. OFFICE		2. FIELD	
Aerotriangulation May, 1972 Compilation Sept. 1973		Sept., 1970	
II. DATUMS			
1. HORIZONTAL: ☒ 1927 NORTH AMERICAN		OTHER (Specify)	
2. VERTICAL: ☒ MEAN HIGH-WATER ☒ MEAN LOW-WATER ☐ MEAN LOWER LOW-WATER ☐ MEAN SEA LEVEL		OTHER (Specify)	
3. MAP PROJECTION Polyconic		4. GRID(S) STATE South Carolina ZONE South	
5. SCALE 1:20,000		STATE ZONE	
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	DATE
1. AEROTRIANGULATION BY METHOD: Analytic LANDMARKS AND AIDS BY		Robert B. Kelly	Dec. 1973
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Coradomat CHECKED BY		Allen	Nov. 1973
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY INSTRUMENT: Wild B-8 SCALE: 1:20,000 CONTOURS BY CHECKED BY		C. Blood L.O. Neterer, Jr. NA NA	Jan. 1974 Jan. 1974
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY METHOD: Smooth ink drafting CONTOURS BY CHECKED BY SCALE: 1:20,000 HYDRO SUPPORT DATA BY CHECKED BY		Charles Parker A.L. Shands NA NA Charles Parker A.L. Shands	Jan. 1974 Jan. 1974 Jan. 1974 Jan. 1974
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		A.L. Shands	Jan. 1974
6. APPLICATION OF FIELD EDIT DATA BY		A.L. Shands	Jan. 1974
7. COMPILATION SECTION REVIEW BY		F. Margiotta	May, 1974
8. FINAL REVIEW BY		F. Margiotta	Aug. 1974
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY		Billy H. Barnes	Nov. 1975
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		Billy H. Barnes	March 3, 1976
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		R.T. LATOK	JUN 1976

NOAA FORM 76-36B
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYTP-00272
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8 "E" and "L"		TYPES OF PHOTOGRAPHY LEGEND (C) COLOR X (P) PANCHROMATIC (I) INFRARED X		TIME REFERENCE	
TIDE STAGE REFERENCE Savannah River Ent. (Hilton Head)				ZONE Eastern	☒ STANDARD
☐ PREDICTED TIDES ☐ REFERENCE STATION RECORDS ☒ TIDE CONTROLLED PHOTOGRAPHY				MERIDIAN 75th	☐ DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
* 71 E(I)2361 - 2364	3/30/71	09:17	1:30,000	+ 0.2 ft. of MHW	
* 71 E-2275 - 2277	3/28/71	13:34	1:30,000	+ 0.2 ft. of MLW	
70 L(C)9935A - 9937A	11/5/74	10:29	1:20,000	6.0 ft. above MLW	

REMARKS

*Tide controlled infrared photography

2. SOURCE OF MEAN HIGH-WATER LINE:

Tide controlled infrared photography
The southeastern shore of Bay Point Island was surveyed
by planetable methods by the field editor in 1974.

3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE:

Tide controlled infrared photography

4. CONTEMPORARY HYDROGRAPHIC SURVEYS (List only those surveys that are sources for photogrammetric survey information.)

SURVEY NUMBER	DATE(S)	SURVEY COPY USED	SURVEY NUMBER	DATE(S)	SURVEY COPY USED

5. FINAL JUNCTIONS

NORTH	EAST	SOUTH	WEST
No Survey	TP-00273	No Survey	TP-00271 TP-00276

REMARKS

NOAA FORM 76-36C
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

TP-00272

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION				☐ FIELD EDIT OPERATION			
OPERATION		NAME		DATE			
1. CHIEF OF FIELD PARTY		J.K. Wilson		Nov. 1970			
2. HORIZONTAL CONTROL		RECOVERED BY		R.E. Kesselring		Nov. 1973	
		ESTABLISHED BY					
		PRE-MARKED OR IDENTIFIED BY		R.E. Kesselring		Nov. 1973	
3. VERTICAL CONTROL		RECOVERED BY		NA			
		ESTABLISHED BY		NA			
		PRE-MARKED OR IDENTIFIED BY		NA			
4. LANDMARKS AND AIDS TO NAVIGATION		RECOVERED (Triangulation Stations) BY		None			
		LOCATED (Field Methods) BY		None			
		IDENTIFIED BY		None			
5. GEOGRAPHIC NAMES INVESTIGATION		TYPE OF INVESTIGATION					
		☐ COMPLETE					
		☐ SPECIFIC NAMES ONLY					
		☒ NO INVESTIGATION		NA			
6. PHOTO INSPECTION		CLARIFICATION OF DETAILS BY					
7. BOUNDARIES AND LIMITS		SURVEYED OR IDENTIFIED BY		NA			
II. SOURCE DATA							
1. HORIZONTAL CONTROL IDENTIFIED				2. VERTICAL CONTROL IDENTIFIED			
Premarked				NA			
PHOTO NUMBER	STATION NAME		PHOTO NUMBER	STATION DESIGNATION			
70L(C)9856	SIN 1933						
3. PHOTO NUMBERS (Clarification of details)							
4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED							
None							
PHOTO NUMBER	OBJECT NAME		PHOTO NUMBER	OBJECT NAME			
5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE				6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE			
7. SUPPLEMENTAL MAPS AND PLANS							
None							
8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)							
1-Form 152 1-Form 251							

NOAA FORM 76-36C
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYTP-00272
HISTORY OF FIELD OPERATIONS1. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R.D. Black	Apr. 1974
2. HORIZONTAL CONTROL	RECOVERED BY	R.D. Black
	ESTABLISHED BY	None
	PRE-MARKED OR IDENTIFIED BY	None
3. VERTICAL CONTROL	RECOVERED BY	None
	ESTABLISHED BY	None
	PRE-MARKED OR IDENTIFIED BY	None
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY	R.D. Black
	LOCATED (Field Methods) BY	None
	IDENTIFIED BY	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION	
	☐ COMPLETE	
	☐ SPECIFIC NAMES ONLY	
	☒ NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	R.D. Black
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	None

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

None

2. VERTICAL CONTROL IDENTIFIED

None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

71E2276 and 2277

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)

Four forms C&GS 526; One form NOAA 76-40.

NOAA FORM 76-36D
(3-72)TP-00272
RECORD OF SURVEY USEU. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Manuscript complete pending field edit	1/ /74	Class III Manuscript	2/4/74	1/24/74 Field Edit
Partial field edit applied	5/ /74	Class I Manuscript Superseded		
Balance of field edit by Transfer from TP-00275	8/ /74	Class I Manuscript Superseded	9/10/74	
Final Review	11/ /75		1/30/76	

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
	59174	5/22/74	Non Floating Aids

2. ☒ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: 5/22/74
3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM NOS ~~507~~ ⁷⁶⁻⁴⁰ SUBMITTED BY FIELD PARTIES.
3. ☒ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.
ACCOUNT FOR EXCEPTIONS:

4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

IV. SURVEY EDITIONS (This section shall be completed each time a new map edition is registered)

SECOND EDITION	SURVEY NUMBER TP - _____ (2)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	

JOB PH-7101
ALSO PH-6667

CHARLESTON to SAVANNAH SO. CAROLINA to GEORGIA SHORELINE MAPPING

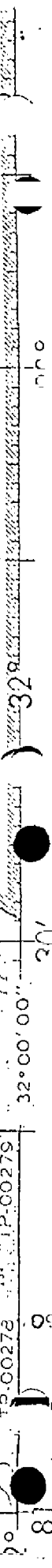
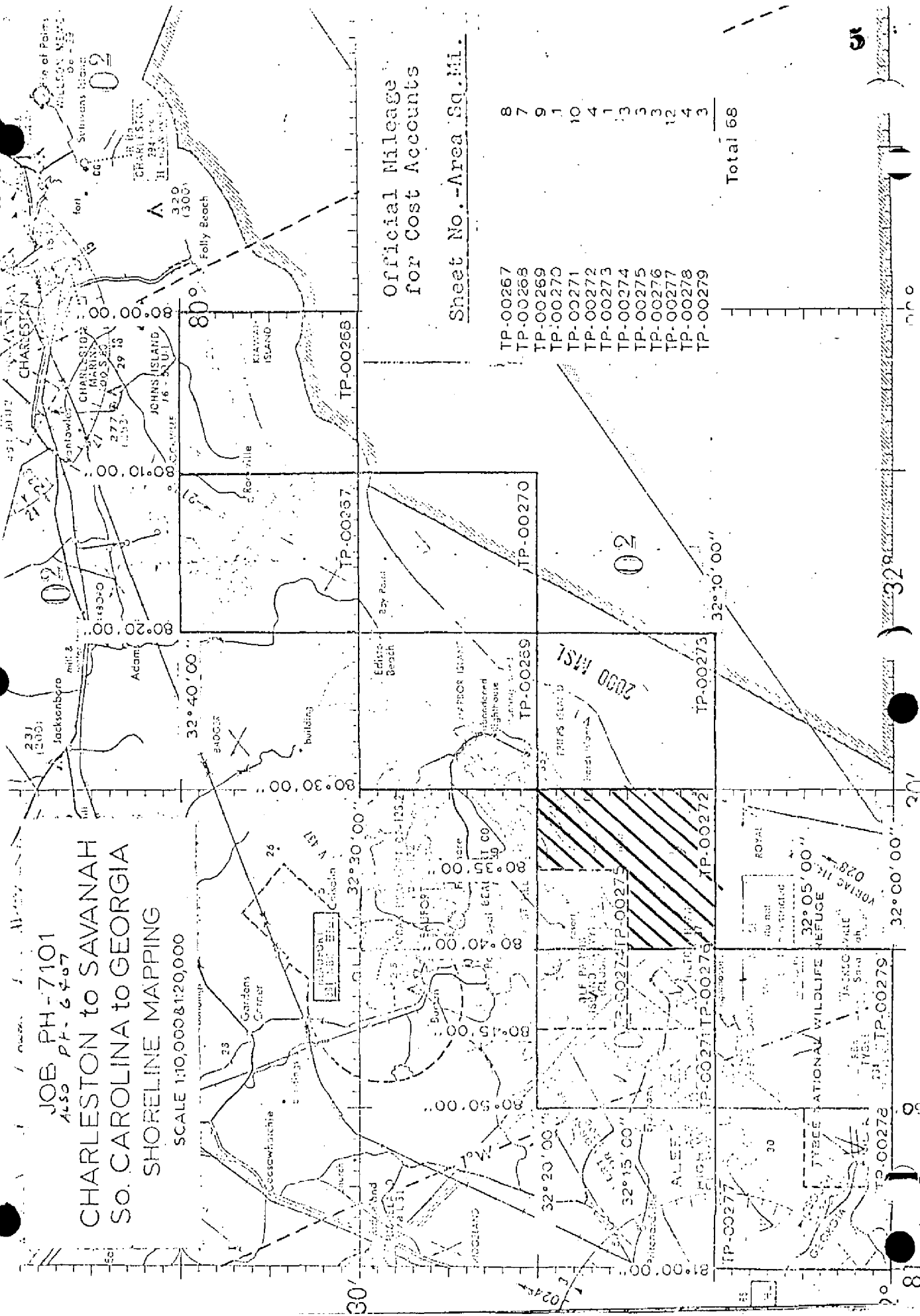
SCALE 1:10,000 & 1:20,000

Official Mileage
for Cost Accounts

Sheet No.-Area Sq. Mi.

TP-00267 8
TP-00268 7
TP-00269 9
TP-00270 1
TP-00271 10
TP-00272 4
TP-00273 1
TP-00274 13
TP-00275 3
TP-00276 3
TP-00277 12
TP-00278 4
TP-00279 3

Total 68



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT TP-00272

This 1:20,000 scale shoreline manuscript is one of nine 1:20,000 scale and four 1:10,000 scale maps which comprise Project PH-7101, Charleston, SC to Savannah, GA. The area from 32° 15' North to 32° 20' North and 80° 35' west to 80° 40' west is covered in the report for sheet TP-00275 which is a 1:10,000 scale sheet which has its limits entirely within sheet TP-00272. PH-7101 is one of several projects that make up the Southern Coastal Plains Expedition, SCOPE. It is not a standard shoreline survey because compilation was limited to the ocean shoreline and only a limited amount of interior detail. Shoreline of bays, inlets, canals or rivers that may be within the geographic limits of this map were not delineated. This deviation from written instructions was brought about by verbal instructions telephoned from the Rockville Office to the Chief, Coastal Mapping Section, AMC.

Field work prior to compilation consisted of premarking horizontal control for bridging.

Analytic aerotriangulation was done in the Rockville office in 1973 using the 1:40,000 scale color bridging photography dated November 1970. Bridge points were dropped common to the 1:30,000 scale March 1971 infrared photography for ordering ratios.

Compilation was done at the Atlantic Marine Center in January 1974. The area covered by TP-00275 was reduced from 1:10,000 scale to 1:20,000 scale^{3/4} applied to TP-00272. The balance of the manuscript was compiled by dropping shoreline pass points from the bridging photography in the Wild B-8 Plotter that was common to the 1:30,000 scale tide controlled infrared photography. The mean high water and mean low water lines were then compiled graphically from the tide controlled photography.

Field edit was done in April 1974.

Final review was done at the Atlantic Marine Center in November, 1975.

The original manuscript is a stabilene sheet 10 minutes in latitude by 10 minutes in longitude.

A stable base copy and a negative of the final reviewed manuscript were forwarded for record and registry.

Photogrammetric Plot Report
Charleston to Savannah
South Carolina and Georgia
Job PH - 710F

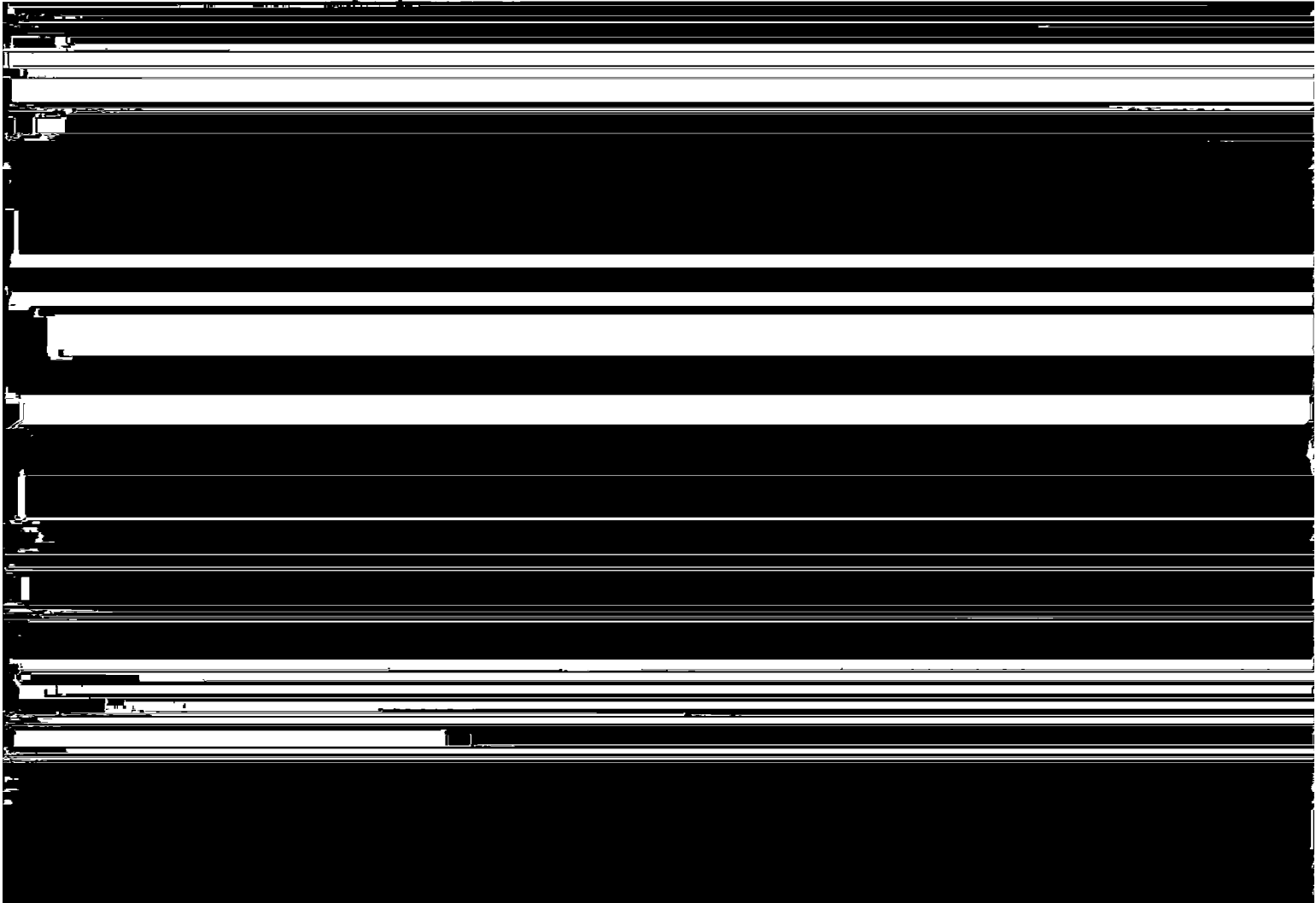
21. Area Covered

This report covers nine 1:20,000 sheets, TP-00267, TP-00268, TP-00269, TP-00270, TP-00271, TP-00272, TP-00273, TP-00277, TP-00279 and four 1:10,000 sheets, TP-00274, TP-00275, TP-00276, and TP-00278 from Kiawah River, South Carolina, to Tybee Island, Georgia.

22. Method

Eight strips 1:40,000 scale color photography were bridged by analytic aerotriangulation methods and adjusted to ground on South Carolina South State Plane coordinate system. Bridge points were used on 1:30,000 scale infrared photography for ratioing photographs to be used in compiling the Mean Low- and Mean High-Water Line. Ratio prints of infrared photography covering Mean Low- and Mean High-Water were ordered. (One each of cronapaque). Tie points were used to augment datum between strips. Data for plotting manuscripts for compilation were assembled for ruling and plotting by the Coradomat and Calcomp.

23. Adequacy of Control



PH-7101
Charleston to Savannah

NOTE TO COMPILER

Foreshore Cross Section points listed below were omitted during bridging. Points should be dropped during compilation.

Section II	68-01
Section VII	69-01
Section VIII	69-02
Section IX	73-01
Section XIII	79-01

CHARLE
So. CAR
SHOR

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.		JOB NO.		GEODETIC DATUM		ORIGINATING ACTIVITY	
TP-00272		PH-7101		N.A. 1927			
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRIANGULATION POINT NUMBER	COORDINATES IN FEET STATE South Carolina ZONE South		GEOGRAPHIC POSITION φ LATITUDE λ LONGITUDE		REMARKS
MOON, 1963	Vol. III Pg. 391		X=	φ 32° 16'	55.783"		
			Y=	λ 80° 33'	03.439"		
TURTLE, 1963	Vol. III Pg. 392		X=	φ 32° 16'	27.675"	✓	
			Y=	λ 80° 34'	11.597"	✓	
MORSE, 1963	Vol. III Pg. 396		X=	φ 32° 16'	18.235"	✓	
			Y=	λ 80° 36'	39.571"	✓	
GUTT, 1963	Vol. III Pg. 400		X=	φ 32° 15'	53.28064"	✓	
			Y=	λ 80° 38'	41.48881"	✓	
DIP, 1933	P.C. Pg. 28		X=	2,118,316.63'	✓		
			Y=	158,425.92'	✓		
DAYBEACON SOUTH OF BULL POINT, 1964	Form 76-40 Submitted by Field editor		X=	φ 32° 14'	42.813"	✓	
			Y=	λ 80° 36'	07.656"	✓	
PORT ROYAL ENTRANCE CHANNEL FRONT RANGE LIGHT 1964	Form 76-40 Submitted by Field editor		X=	φ 32° 12'	37.996"	✓	
			Y=	λ 80° 35'	53.063"	✓	
STATION CREEK DAYBEACON A19, 1963	Vol. III Pg. 437		X=	φ 32° 16'	42.36052"	✓	
			Y=	λ 80° 38'	36.42805"	✓	
			X=	φ			
			Y=	λ			
			X=	φ			
			Y=	λ			
COMPUTED BY F.R. Gustafson		DATE 11/15/73	COMPUTATION CHECKED BY L.B. Foltz		DATE 11/15/73		
			LISTING CHECKED BY		DATE		
HAND PLOTTING BY		DATE 11/15/73	HAND PLOTTING CHECKED BY		DATE		

COMPILATION REPORT

TP-00272

31. DELINEATION

Delineation of all details was by graphic methods using 1:30,000 scale infrared photography taken at both mean high and mean low water. B-8 models were set using 1:40,000 scale color photography which provided control for the graphic compilation. The area west of longitude $80^{\circ} 35'$ to longitude $80^{\circ} 40'$ and north of latitude $32^{\circ} 15'$ was compiled from a photographic reduction of the 1:10,000 scale TP-00275.

32. CONTROL

See the attached "Photogrammetric Plot Report," dated: Dec., 1973

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Contours are not applicable to the project. Drainage was delineated by the Wild B-8 stereoplotter and by office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS

Alongshore details were delineated by the Wild B-8 stereoplotter and by office interpretation of the photographs.

The mean high and mean low water lines were delineated from the tide coordinated photographs.

36. OFFSHORE DETAILS

No statement required.

37. LANDMARKS AND AIDS

Copies of Form 76-40 for 2 non-floating aids to navigation .

were forwarded to the Rockville, MD office on May 20, 1974. Form 76-40 for STATION CREEK DAYBEACON A19, 1963 was submitted with sheet TP-00275.

38. CONTROL FOR FUTURE SURVEYS

None

39. JUNCTIONS

See the attached Form 76-36b, item #5 of the Descriptive Report, concerning junctions.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement required.

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with the following U.S. Geological Survey Quadrangles: ST. PHILLIPS ISLAND, SOUTH CAROLINA, dated 1956 and HILTON HEAD, SOUTH CAROLINA, dated 1956 revised 1971, both at a scale of 1:24,000.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with the following National Ocean Survey Chart: #571 17th edition, dated April 8, 1972, scale 1:40,000.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Submitted by:

Charles Parker

Charles Parker, Carto. Aid, 1/16/74

Approved:

Albert C. Rauck, Jr.

Albert C. Rauck, Jr.
Chief, Coastal Mapping Section, AMC

19 August 1975

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-7101 (Charleston, S. C. to Savannah, Ga.)

TP-00272

Atlantic Ocean

Bay Point

Bay Point Island

Beaufort River

Pritchards Island

St. Helena Island

St. Phillips Island

Skull Inlet

Staten Creek

NOAA FORM 75-74 (2-74)		U.S. DEPARTMENT OF COMMERCE NOAA NATIONAL OCEAN SURVEY	
PHOTOGRAMMETRIC OFFICE REVIEW			
TP-00272			
1. PROJECTION AND GRIDS A.L.S.	2. TITLE A.L.S.	3. MANUSCRIPT NUMBERS A.L.S.	4. MANUSCRIPT SIZE A.L.S.
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY (Others to be added to list from TP-00275) A.L.S.		6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) NA	
7. PHOTO HYDRO STATIONS X X			
8. BENCH MARKS NA	9. PLOTTING OF SEXTANT FIXES X X	10. PHOTOGRAMMETRIC PLOT REPORT A.L.S.	11. DETAIL POINTS A.L.S.
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE A.L.S.	13. LOW-WATER LINE A.L.S.	14. ROCKS, SHOALS, ETC. A.L.S.	15. BRIDGES X X
16. AIDS TO NAVIGATION A.L.S.	17. LANDMARKS X X	18. OTHER ALONGSHORE PHYSICAL FEATURES ALS	19. OTHER ALONGSHORE CULTURAL FEATURES X X
PHYSICAL FEATURES			
20. WATER FEATURES A.L.S.		21. NATURAL GROUND COVER NA	
22. PLANETABLE CONTOURS NA			
23. STEREOSCOPIC INSTRUMENT CONTOURS NA	24. CONTOURS IN GENERAL NA	25. SPOT ELEVATIONS NA	26. OTHER PHYSICAL FEATURES X X
CULTURAL FEATURES			
27. ROADS X X	28. BUILDINGS X X	29. RAILROADS X X	30. OTHER CULTURAL FEATURES X X
BOUNDARIES			
31. BOUNDARY LINES NA		32. PUBLIC LAND LINES NA	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES A.L.S.		34. JUNCTIONS A.L.S.	
35. LEGIBILITY OF THE MANUSCRIPT A.L.S.			
36. DISCREPANCY OVERLAY A.L.S.	37. DESCRIPTIVE REPORT A.L.S.	38. FIELD INSPECTION PHOTOGRAPHS X X	39. FORMS A.L.S.
40. REVIEWER A.L. Shands 1/18/74		SUPERVISOR, REVIEW SECTION OR UNIT <i>Albert C. Rauck, Jr.</i> Albert O. Rauck, Jr.	
41. REMARKS (See attached sheet) details to be added from reduction of TP-00275			
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 A.L. Shands (Partial edit) 5/6/74 F. Margiotta 8/ /74		SUPERVISOR <i>Albert C. Rauck, Jr.</i>	
43. REMARKS Partial Field Edit applied from ratios 71E(I) 2276 and 2277 and field edit ozalid TP-00272. Balance of field edit applied from reduction of TP-00275			

FORESHORE CROSS-SECTIONS

CHARLESTON, SOUTH CAROLINA TO SAVANNAH, GEORGIA

JOB PH-7101

Sixteen foreshore cross-sections were taken between Folly Island, South Carolina, and Tybee Island, Georgia, a linear distance of approximately seventy miles. Twelve sections were positioned from triangulation and/or traverse stations and two sections, II and XIII, were located from photo points with sun azimuths. Section IX was located from a triangulation station using a photo point for an azimuth and section VII was run parallel to a relatively long pier.

Vertical control for sections I thru VI, VIII and IX was taken from the

One typical section and three atypical sections were plotted to give the compiler an idea of what was done and to show the method of location. These sections, the field book, pricking cards, sun azimuths, color contact photographs and charts showing the individual section locations are included with this report.


Richard E. Kesselring
Survey Tech.
May 3, 1971

FIELD EDIT REPORT

TP-00272

Pritchards Island, South Carolina
PH-710151. METHODS

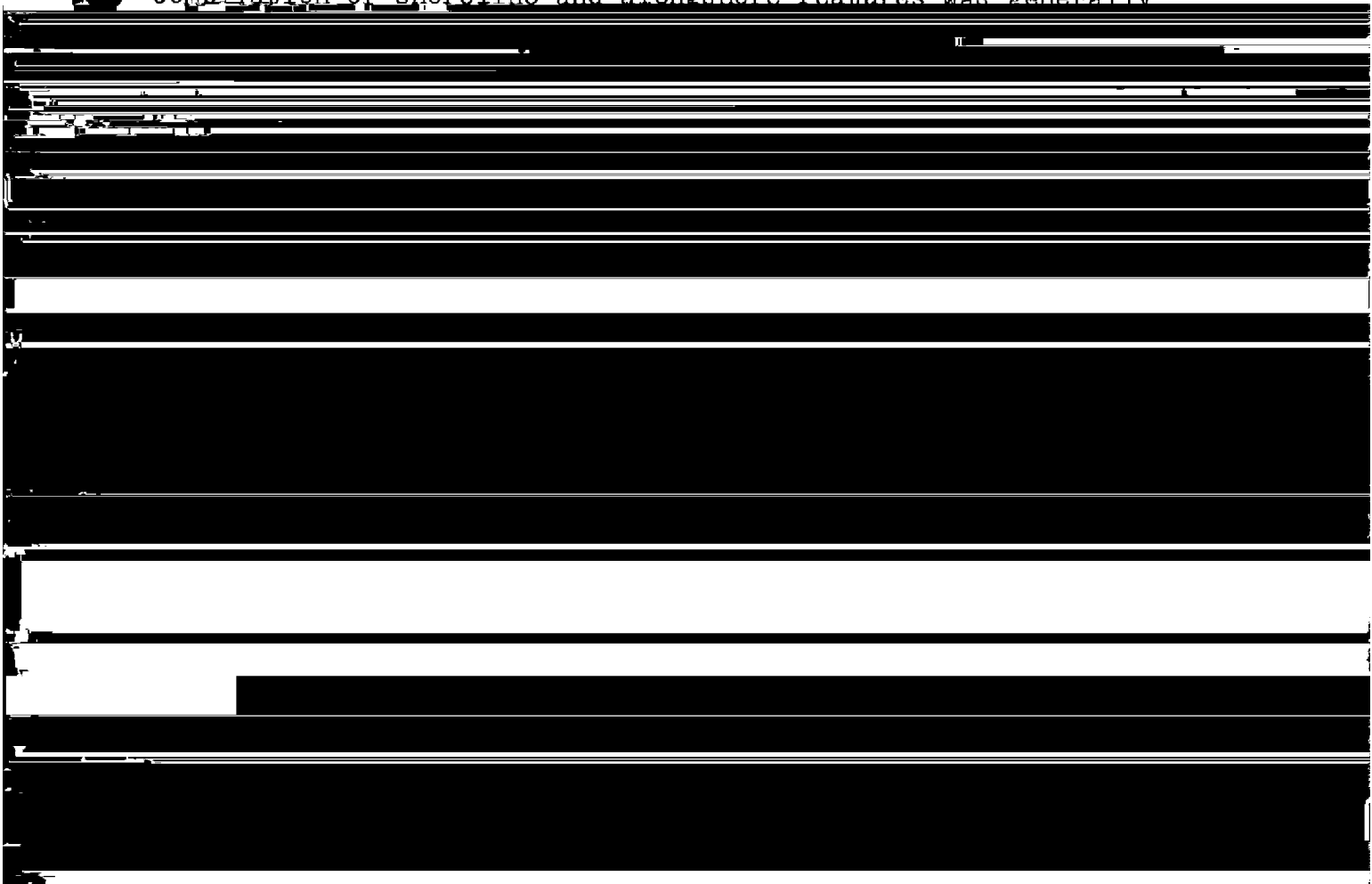
All field work was done in accordance with the AMC Manual, current Photo Instructions and Project Instructions OPR-436-WH-74, "Coasts of South Carolina and Georgia" dated November 16, 1973 addressed to Chief, Atlantic Hydrographic Party.

An inspection of all shoreline and alongshore features was made, and all deletions, additions, corrections, and verifications are either shown or indexed on the field edit ozalid. All field edit notes are in violet ink.

The geodetic positions of the Port Royal Sound entrance channel range lights were verified by theodolite cuts.

52. ADEQUACY OF COMPILATION

Compilation of shoreline and alongshore features was generally



58. FIELD EDITORS

Field edit was performed by Lt.(jg) Richard D. Black and Mr. Michael F. Sutphin of Photo Party 61.

Respectfully Submitted,

Richard D. Black 18 April 1974

Richard D. Black
Lt.(jg) NOAA

Chief, Photo Party 61

REVIEW REPORT TP-00272

SHORELINE

November 1975

61. GENERAL STATEMENT:

See Summary which is page six of this Descriptive Report.

The area covered by sheet TP-00275 is covered by the report submitted with that sheet.

A comparison print showing differences noted in paragraphs 62 through 65 is included with the original of this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A comparison was made with sheets T-12615, scale 1:20,000, dated July 1965, T-12616, scale 1:20,000, dated August 1966 and T-12619, scale 1:20,000 dated May 1966. Significant differences are shown in blue on the discrepancy print. In the area compared, TP-00272 supersedes T-12615, T-12716 and T-12619 for nautical chart construction purposes. T-12615, T-12616 and T-12619 are the latest registered prior surveys of the area.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with U.S.G.S. Quadrangles PARRIS ISLAND, SC; HILTON HEAD, SC; and ST. PHILLIPS ISLAND, SC all dated 1956 and at a scale of 1:24,000. Significant differences are shown in brown on the comparison print.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

A comparison was made with H-9211 (WH-20-2-73) and H-9314 (WH-20-3-73), both dated 1973 and at a scale of 1:20,000. Significant differences are shown in purple on the comparison print.

65. COMPARISON WITH NAUTICAL CHARTS:

The area covered by this map is within the limits of NOS Charts 11516, 19th edition, dated November 1974, scale 1:40,000 and 11517, 7th edition, dated August 1974, scale 1:40,000. Significant differences are shown in red on the comparison print.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This map complies with Project Instructions except as explained in Summary and meets the requirements for Bureau Standards and the National Standards of Map Accuracy.

Reviewed by:

Billy H. Barnes

Billy H. Barnes
Cartographer
November, 1975

Approved for forwarding:

Joseph W. Vonasek
Joseph W. Vonasek
Chief, Photogrammetric Branch, AMC

Approved:

Chief, Photogrammetric Branch

Chief, Coastal Mapping Division

TP-00272
1:20,000

32° 16'

32° 17'

32° 18'

Pond

MOON CREEK

CREEK

Pritchards Inlet

MOON, 1963

Island

Capers TURTLE

Bull Point

COMPARISON PRINT

Blue = T-12616

Red = Chart 11516

Purple = H-9211 and H-9314

Brown = USGS Quad

TRENCHARDS

80° 33'

80° 34'

80° 35'

TP-00272
1:20,000

32°
19'

21

71E 012369

SKULL
Fripp
Island

INLET

Rk.
Grav.

Sand

ISLAND

32°
18'

y=170,000 Ft.

COMPARISON PRINT

- Blue = T-12616
- Red = Chart 11516
- Purple = H-9211 and H-9314
- Brown = USGS Quad

RI. CHARDS

IES

Pool with stones

32°
17'

80° 31'

80° 30'