UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ADJOINS MAP # 13

STATE OF GEORGIA
DEPARTMENT OF NATURAL RESOURCES
GEOLOGIC AND WATER RESOURCES DIVISION

CABRETTA INLET QUADRANGLE
GEORGIA—MC INTOSH CO.
7.5 MINUTE SERIES ORTHOPHOTOMAP
(TOPOGRAPHIC–BATHYMETRIC)

ADJOINS MAP # 15

BLACKBEARD ISLAND NATIONAL WILDLIFE REFUGE

WILDERNESS AREA

RICHARD J REYNOLDS SAPELO ISLAND WILDLIFE REFUGE

ATLANTIC OCEAN

Blackbeard Shoal

Area subject to frequent change

COMMON THROUGHOUT
50, 51, 17

COMMON THROUGHOUT NEARSHORE AND INSHORE AREA
115,123, 173 | 65,107, 109,110, 116,121, 122,124, 134,137, 138 | 114,127 | 108,111

COMMON THROUGHOUT COASTAL AREA
88,91, 115,125 | 8,118 | 77 | 76
B | C | F

NESTING THROUGHOUT AREA
3 152,164, 155

54,87,88, 89,93,94, 97,115, 132

GEORGIA
SHORELINE TYPES
Sensitivity
1 EXPOSED VERTICAL SEAWALLS
2 MARSH OUTCROPS ON FINE-GRAINED SAND BEACHES
3 FINE GRAINED SAND BEACHES
4 MEDIUM- TO COARSE-GRAINED SAND BEACHES
5 EXPOSED TIDAL FLATS (LOW BIOMASS)/MIXED SAND AND SHELL BEACHES
5A SHELTERED EROSIONAL SCARPS
6 SHELL BEACHES – OVERWASH/EXPOSED RIPRAP
7 EXPOSED TIDAL FLATS (HIGH BIOMASS)/EROSIONAL SCARPS IN MARSH
8 SHELTERED COASTAL STRUCTURES
9 SHELTERED TIDAL FLATS (HIGH BIOMASS)/OYSTER BEDS
10 EXPOSED MARSHES
10A SHELTERED MARSHES

BIOLOGICAL FEATURES
BIRDS: GULLS OR TERNS; WADING BIRDS; SHOREBIRDS; WATERFOWL; DIVING BIRDS; RAPTORS
MARINE MAMMALS: DOLPHINS; MANATEES
REPTILES: SEA TURTLES; ALLIGATORS
FINFISH: ANADROMOUS FISH; MARINE FISH; FLATFISH
SHELLFISH: CLAMS; OYSTERS; CRABS; SHRIMP

KEY TO WILDLIFE MARKERS
COLOR CODED = TYPES OF ORGANISMS
RANGE
POINT LOCALITY
DOTS = SEASONALITY (SUMMER (JUNE); FALL (SEPT); WINTER (DEC); SPRING (MAR))
SYMBOL = ECOLOGICAL TYPE
16 — NUMBER = SPECIES (from regional lists)

SOCIOECONOMIC FEATURES
MARINAS; BOAT SLIPS; PARKS

SPILL-RESPONSE INFORMATION
SKIMMER LOCATIONS; BOOM LOCATIONS

CONVERSION SCALES
Feet | Meters

Feet	Meters
1	3048
2	6096
3	9144
4	1 2192
5	1 5240
6	1 8288
7	2 1336
8	2 4384
9	2 7432
10	3 0480

To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

1. Dryland
2. Wetlands (May be partially submerged at mean high tide)
3. Exposed at mean low tide

DEPTH GRADIENT
Meters 0 — 0 Feet
5 — 16.4
10 — 32.8
Maximum depth

Mapped, edited, and published by the Geological Survey and the National Ocean Survey
Control by USGS and NOS/NOAA

UTM GRID AND 1979 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

SCALE 1:24 000
1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

CONTOUR INTERVAL 1.5 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
BATHYMETRIC CONTOUR INTERVAL 1 METER WITH SUPPLEMENTARY 0.5 METER CONTOURS—DATUM IS MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
THE MEAN RANGE OF TIDE IS APPROXIMATELY 2.0 METERS

BASE MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
BATHYMETRIC SURVEY DATA COMPLIES WITH INTERNATIONAL HYDROGRAPHIC ORGANIZATION (IHO) SPECIAL PUBLICATION 44 ACCURACY STANDARDS AND/OR STANDARDS USED AT THE DATE OF THE SURVEY
FOR SALE BY THE GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092 AND NATIONAL OCEAN SURVEY, ROCKVILLE, MARYLAND 20852
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS AVAILABLE ON REQUEST

HYDROGRAPHIC SURVEY INFORMATION

Survey Number	Survey Date	Survey Scale	Survey Line Spacing (Naut. Miles)
H-3983	1917	1:80,000	10-1.15
H-4470	1925	1:20,000	05-.35
H-4471	1925	1:20,000	01-.30
H-5575	1934	1:10,000	02-.05
H-9473	1974	1:20,000	05-.11

NATIONAL OCEAN SURVEY HYDROGRAPHIC SURVEY INDEX
H-5575; H-4470; H-4471; H-9473; H-3983

rpi inc.
Research Planning Institute, Inc.
925 Gervais Street
Columbia, South Carolina USA 29201
(803) 256-7322

ESI MAP # 16

CABRETTA INLET, GA.
N3122.5–W8107.5/7.5

1979

DMA 4746 I NW–SERIES V8450

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1979