

**GEORGIA SHORELINE TYPES**

- 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)
- 6A SHELTERED EROSIONAL SCARPS
- 6B 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

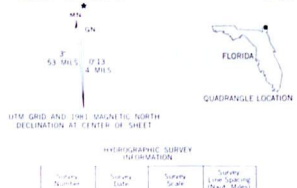
**KEY TO ABUDDU MARKERS**

**SPILL-RESPONSE INFORMATION**

- MARINAS
- BOAT SLIPS
- PARKS
- SKIMMER LOCATIONS
- BOOM LOCATIONS

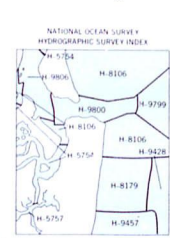
Mapped, edited, and published by the Geological Survey and the National Ocean Survey in cooperation with State of Georgia agencies  
Control by USGS, NOS/NOAA, and USACE

**rpi inc.**  
Research Planning Institute, Inc.  
925 Census Street  
Columbia, South Carolina, USA 29201  
(803) 256-7222



CONTOUR INTERVAL 1.5 METERS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
BATHYMETRIC CONTOUR INTERVAL 1 METER WITH SUPPLEMENTARY 0.5 METER CONTOURS - SOUNDINGS IN METERS  
DATE IS MEAN LOW WATER  
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE  
THE MEAN RANGE OF TIDE IS APPROXIMATELY 1.8 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



**ESI MAP #29**

FERNANDINA BEACH, FLA.-GA.  
N3037.5-W8122.5/7.5

1981  
DMA 4745 III NW - SERIES V8470