U.S. ARMY CORPS OF ENGINEERS

APPLICATION FOR DEPARTMENT OF THE ARMY PERMIT

(33 CFR 325)

OMB APPROVAL NO. 0710-0003
EXPIRES: 31 AUGUST 2012

Public reporting for this collection of information is estimated to average 11 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of the collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters, Executive Services and Communications Directorate, Information Management Division and to the Office of Management and Budget, Paperwork Reduction Project (0710-0003). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to either of those addresses. Completed applications must be submitted to the District Engineer having jurisdiction over the location of the proposed activity.

PRIVACY ACT STATEMENT

Authorities: Rivers and Harbors Act, Section 10, 33 USC 403; Clean Water Act, Section 404, 33 USC 1344; Marine Protection, Research, and Sanctuaries Act, Section 103, 33 USC 1413; Regulatory Programs of the Corps of Engineers; Final Rule 33 CFR 320-332. Principal Purpose: Information provided on this form will be used in evaluating the application for a permit. Routine Uses: This information may be shared with the Department of Justice and other federal, state, and local government agencies, and the public and may be made available as part of a public notice as required by Federal law. Submission of requested information is voluntary, however, if information is not provided the permit application cannot be evaluated nor can a permit be issued. One set of original drawings or good reproducible copies which show the location and character of the proposed activity must be attached to this application (see sample drawings and/or instructions) and be submitted to the District Engineer having jurisdiction over the location of the proposed activity. An application that is not completed in full will be returned.

(ITEMS 1 THRU 4 TO BE FILLED BY THE CORPS)

1. APPLICATION NO.	2. FIELD OFFICE CODE	3. DATE RECEIVED	4. DATE APPLICATION COMPLETE

(ITEMS BELOW TO BE FILLED BY APPLICANT)

5. APPLICANT'S NAME
First - Daniel Middle - J Last - Galán
Company - Department of Natural and Environmental Resources
E-mail Address - dgalan@drna.gobierno.pr

8. AUTHORIZED AGENT'S NAME AND TITLE (agent is not required)
First - Middle - Last -
Company -
E-mail Address -

DRNA
SEP 6 2011
OFICINA DE SECRETARIA

6. APPLICANT'S ADDRESS:
Address- PO Box 366147
City - San Juan State - PR Zip - 00936 Country -

9. AGENT'S ADDRESS:
Address-
City - State - Zip - Country -

7. APPLICANT'S PHONE NOs. w/AREA CODE
a. Residence b. Business 787-999-2200 c. Fax

10. AGENTS PHONE NOs. w/AREA CODE
a. Residence b. Business c. Fax

STATEMENT OF AUTHORIZATION

11. I hereby authorize, _____ to act in my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information in support of this permit application.

_____ 6/Sept/2011
SIGNATURE OF APPLICANT DATE

RECIBIDO
Unidad de Radicaciones
12 SEP 2011
RADICADO
JUNTA DE PLANIFICACION

NAME, LOCATION, AND DESCRIPTION OF PROJECT OR ACTIVITY

12. PROJECT NAME OR TITLE (see instructions)
Manatee Buoys

13. NAME OF WATERBODY, IF KNOWN (if applicable)
Caribbean Sea and Atlantic Ocean

14. PROJECT STREET ADDRESS (if applicable)
Address Island wide
City - State- PR Zip-

15. LOCATION OF PROJECT
Latitude: °N See attached document Longitude: °W

16. OTHER LOCATION DESCRIPTIONS, IF KNOWN (see instructions)
State Tax Parcel ID Municipality
Section - Township - Range -

17. DIRECTIONS TO THE SITE

The project will take place from Boqueron, through the south, up to Toa Baja. In particular, buoys will be placed in Boqueron Bay, Parguera, Montalva Bay, Guanica Bay, Guayanilla Bay, Ponce, Santa Isabel, Salinas, Jobos Bay, Guayama, Arroyo, Ceiba, Vieques, Río Grande, Isla Verde, San Juan and Toa Baja. See attached document for detail information on the area where the buoys will be located.

18. Nature of Activity (Description of project, include all features)

Manatee/5MPH buoys will be placed at the locations shown above, using a helical disk anchoring system. The anchoring system is placed by hand using SCUBA gear. The seafloor must be sand, mud or sediment for the diver to be able to screw the anchoring system on the bottom.

The activity does not represent harm or threat to any endangered species since the equipment will be placed by hand. A boat will be used to arrive to the locations, but the boat will be moving at idle speed in the working area, and the persons on the boat will be watching for animals.

19. Project Purpose (Describe the reason or purpose of the project, see instructions)

The purpose of the project is to protect and conserve manatees through the establishment of buoys that will regulate boat speed.

USE BLOCKS 20-23 IF DREDGED AND/OR FILL MATERIAL IS TO BE DISCHARGED

20. Reason(s) for Discharge

Not applicable

21. Type(s) of Material Being Discharged and the Amount of Each Type in Cubic Yards:

Type Amount in Cubic Yards	Type Amount in Cubic Yards	Type Amount in Cubic Yards
Not applicable		

22. Surface Area in Acres of Wetlands or Other Waters Filled (see instructions)

Acres Not applicable

or

Linear Feet

23. Description of Avoidance, Minimization, and Compensation (see instructions)

Not applicable

LOCATION OF THE PROJECT

The project contemplates the placement of Manatee buoys/5MPH at various sites around the island where a need has been identify to limit boat speed in order to protect and conserve the manatees. Following are a set of images that show the locations of these buoys and a table with the coordinates for these buoys.

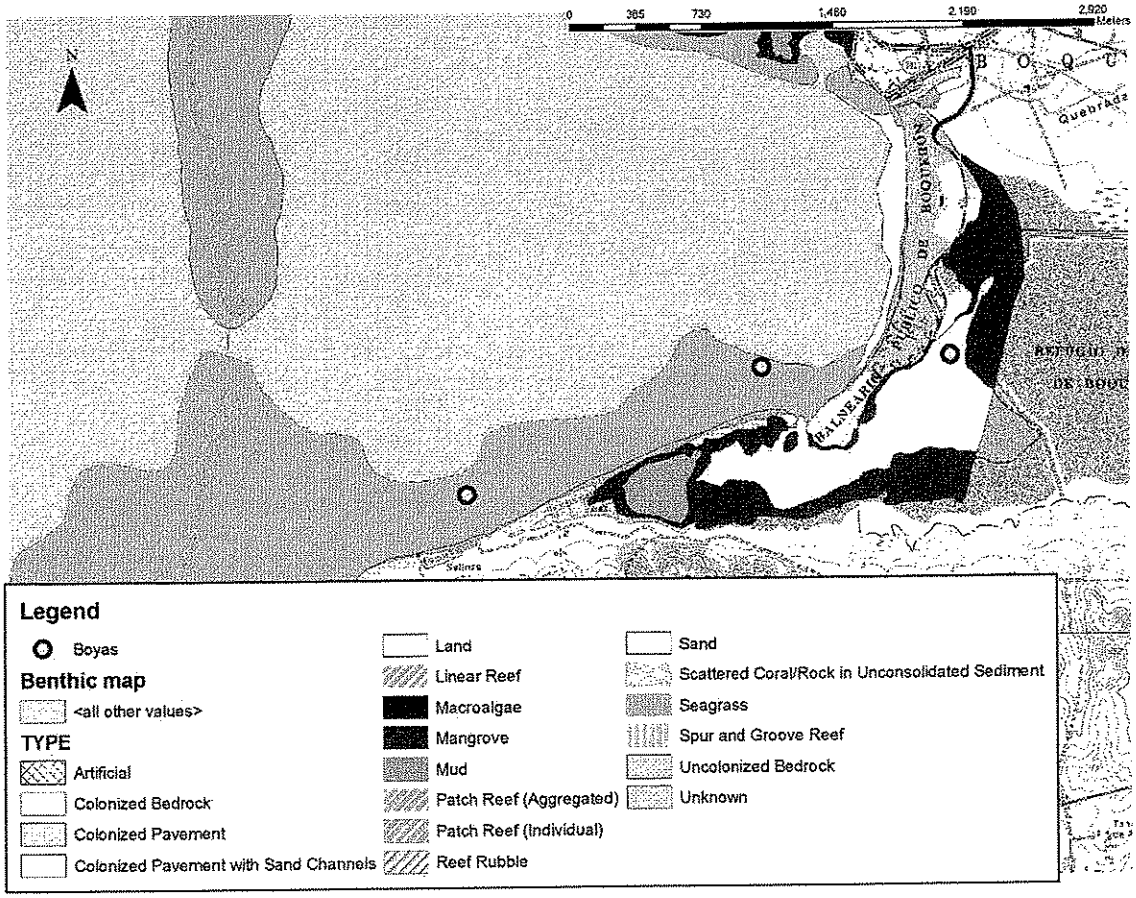

Figure 1. Boquerón Area
Benthic Map: U.S. National Oceanic and Atmospheric Administration. National Ocean Service. National Centers for Coastal Ocean Science Biogeography Program. 2001. Benthic Habitats of Puerto Rico and the U.S. Virgin Islands. Silver Spring, MD.

PO Box 366147, San Juan, PR 00936
Phone 787.999.2200 • Fax. 787.999.2303

24. Is Any Portion of the Work Already Complete? ☐ Yes ☒ No IF YES, DESCRIBE THE COMPLETED WORK

25. Addresses of Adjoining Property Owners, Lessees, Etc., Whose Property Adjoins the Waterbody (if more than can be entered here, please attach a supplemental list).

a. Address- Not applicable

City - State - Zip -

b. Address-

City - State - Zip -

c. Address-

City - State - Zip -

d. Address-

City - State - Zip -

e. Address-

City - State - Zip -

26. List of Other Certificates or Approvals/Denials received from other Federal, State, or Local Agencies for Work Described in This Application.

AGENCY	TYPE APPROVAL*	IDENTIFICATION NUMBER	DATE APPLIED	DATE APPROVED	DATE DENIED

* Would include but is not restricted to zoning, building, and flood plain permits

27. Application is hereby made for permit or permits to authorize the work described in this application. I certify that this information in this application is complete and accurate. I further certify that I possess the authority to undertake the work described herein or am acting as the duly authorized agent of the applicant.

SIGNATURE OF APPLICANT — DATE: 4/Sept/2011

SIGNATURE OF AGENT — DATE

The Application must be signed by the person who desires to undertake the proposed activity (applicant) or it may be signed by a duly authorized agent if the statement in block 11 has been filled out and signed.

18 U.S.C. Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals, or covers up any trick, scheme, or disguises a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statements or entry, shall be fined not more than $10,000 or imprisoned not more than five years or both.

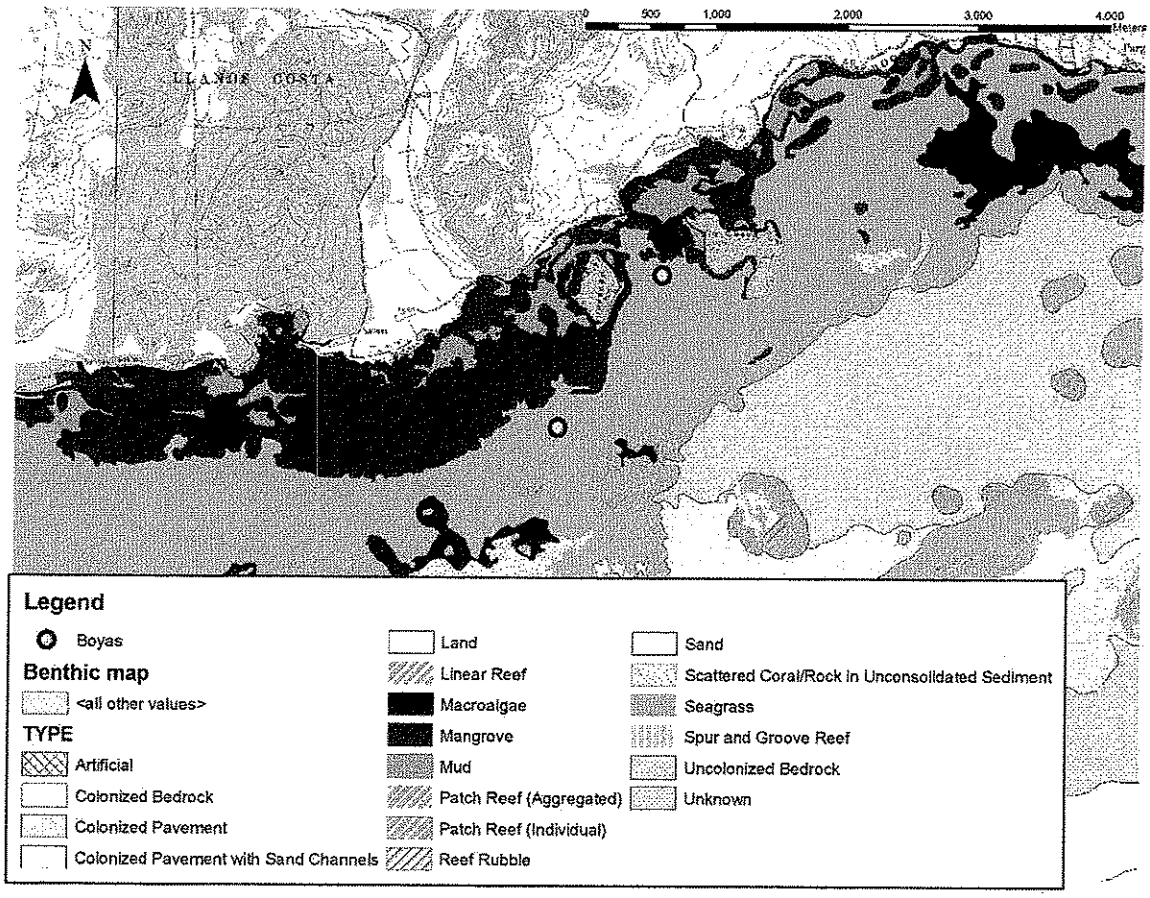

Figure 2. Parguera Area.
Benthic Map: U.S. National Oceanic and Atmospheric Administration. National Ocean Service. National Centers for Coastal Ocean Science Biogeography Program. 2001. Benthic Habitats of Puerto Rico and the U.S. Virgin Islands. Silver Spring, MD.

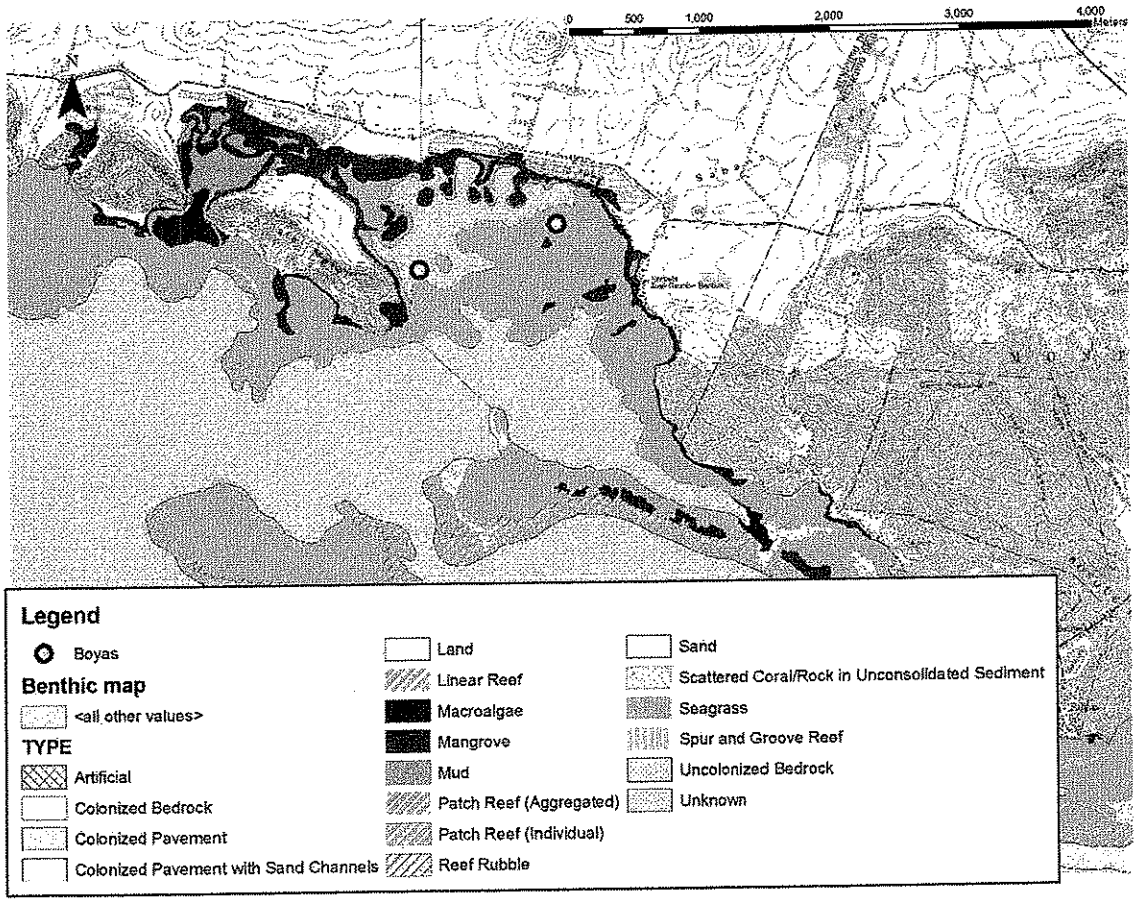

Figure 3. Bahía Montalva Area.
Benthic Map: U.S. National Oceanic and Atmospheric Administration. National Ocean Service. National Centers for Coastal Ocean Science Biogeography Program. 2001. Benthic Habitats of Puerto Rico and the U.S. Virgin Islands. Silver Spring, MD.

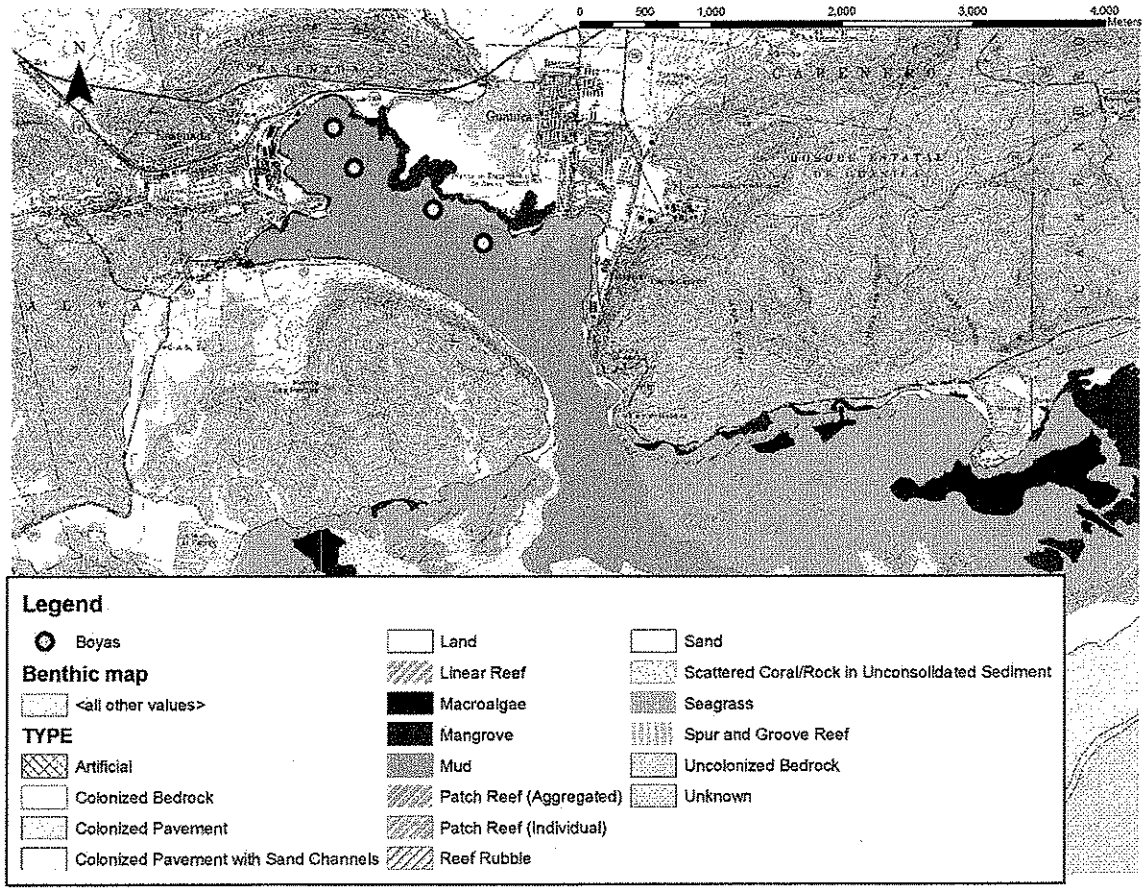

Figure 4. Bahía de Guánica Area.
Benthic Map: U.S. National Oceanic and Atmospheric Administration. National Ocean Service. National Centers for Coastal Ocean Science Biogeography Program. 2001. Benthic Habitats of Puerto Rico and the U.S. Virgin Islands. Silver Spring, MD.

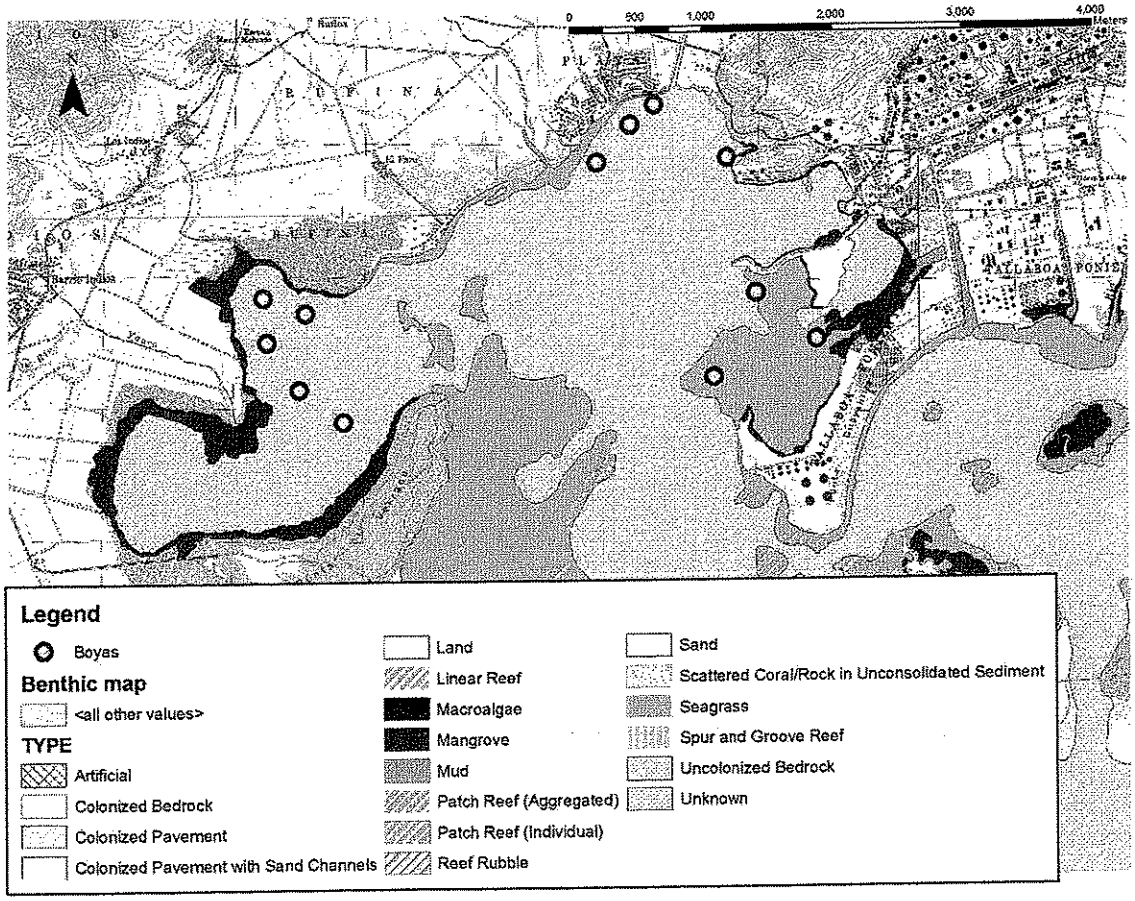

Figure 5. Bahía de Guayanilla Area.
Benthic Map: U.S. National Oceanic and Atmospheric Administration. National Ocean Service. National Centers for Coastal Ocean Science Biogeography Program. 2001. Benthic Habitats of Puerto Rico and the U.S. Virgin Islands. Silver Spring, MD.

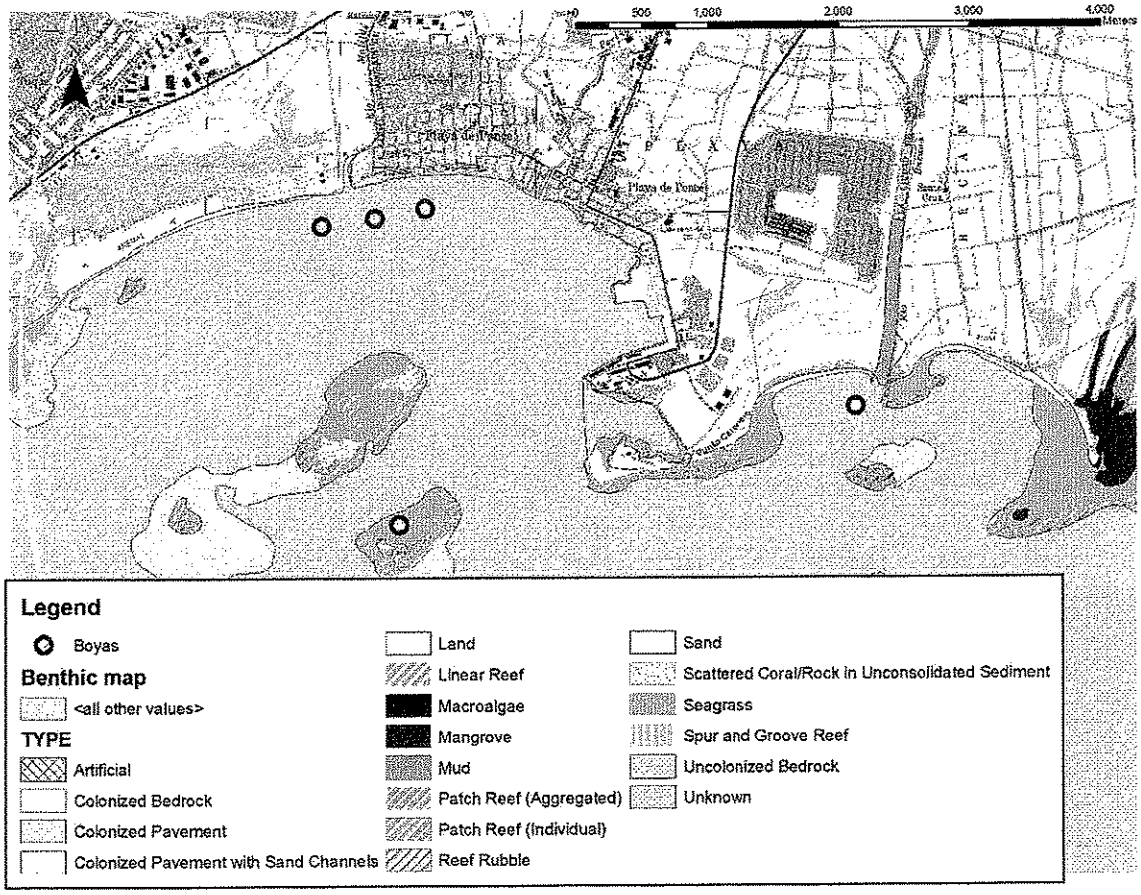

Figure 6. Ponce Area.
Benthic Map: U.S. National Oceanic and Atmospheric Administration. National Ocean Service. National Centers for Coastal Ocean Science Biogeography Program. 2001. Benthic Habitats of Puerto Rico and the U.S. Virgin Islands. Silver Spring, MD.

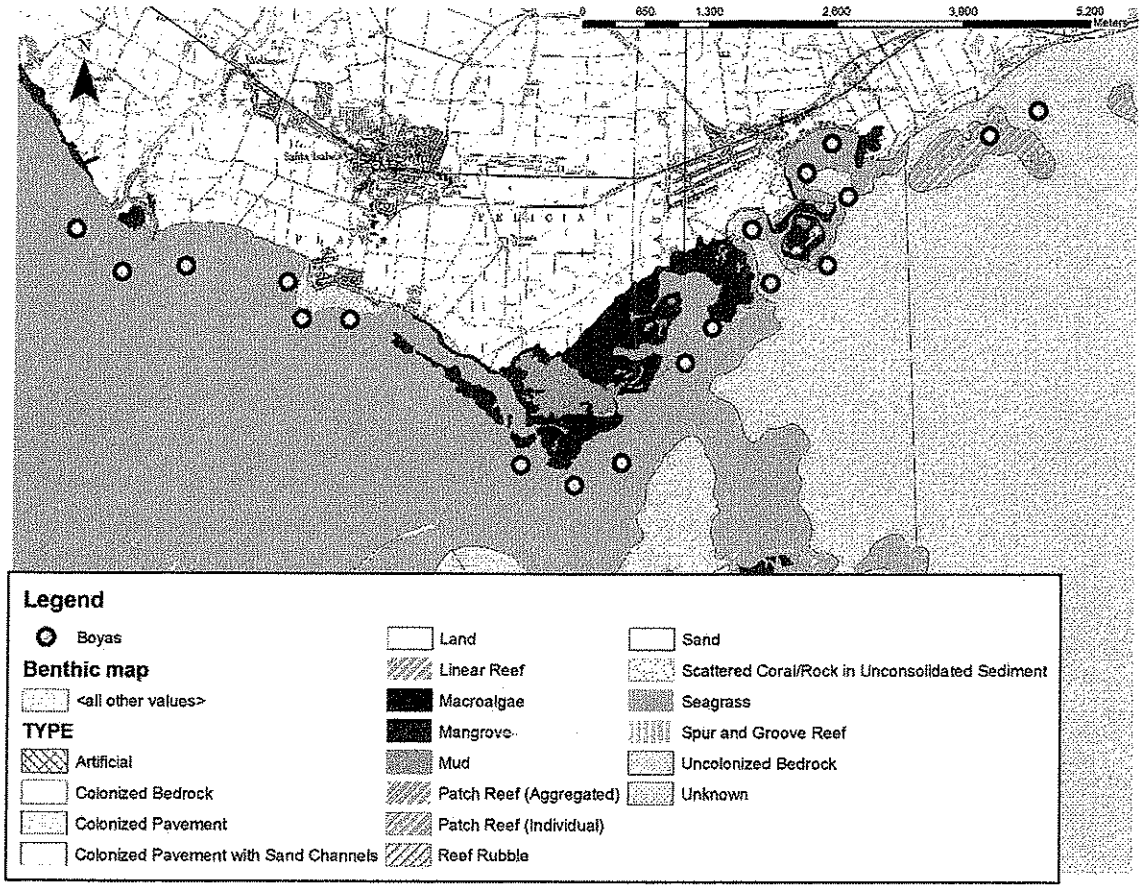

Figure 7. Santa Isabel (Punta Petrona) Area.
Benthic Map: U.S. National Oceanic and Atmospheric Administration. National Ocean Service. National Centers for Coastal Ocean Science Biogeography Program. 2001. Benthic Habitats of Puerto Rico and the U.S. Virgin Islands. Silver Spring, MD.

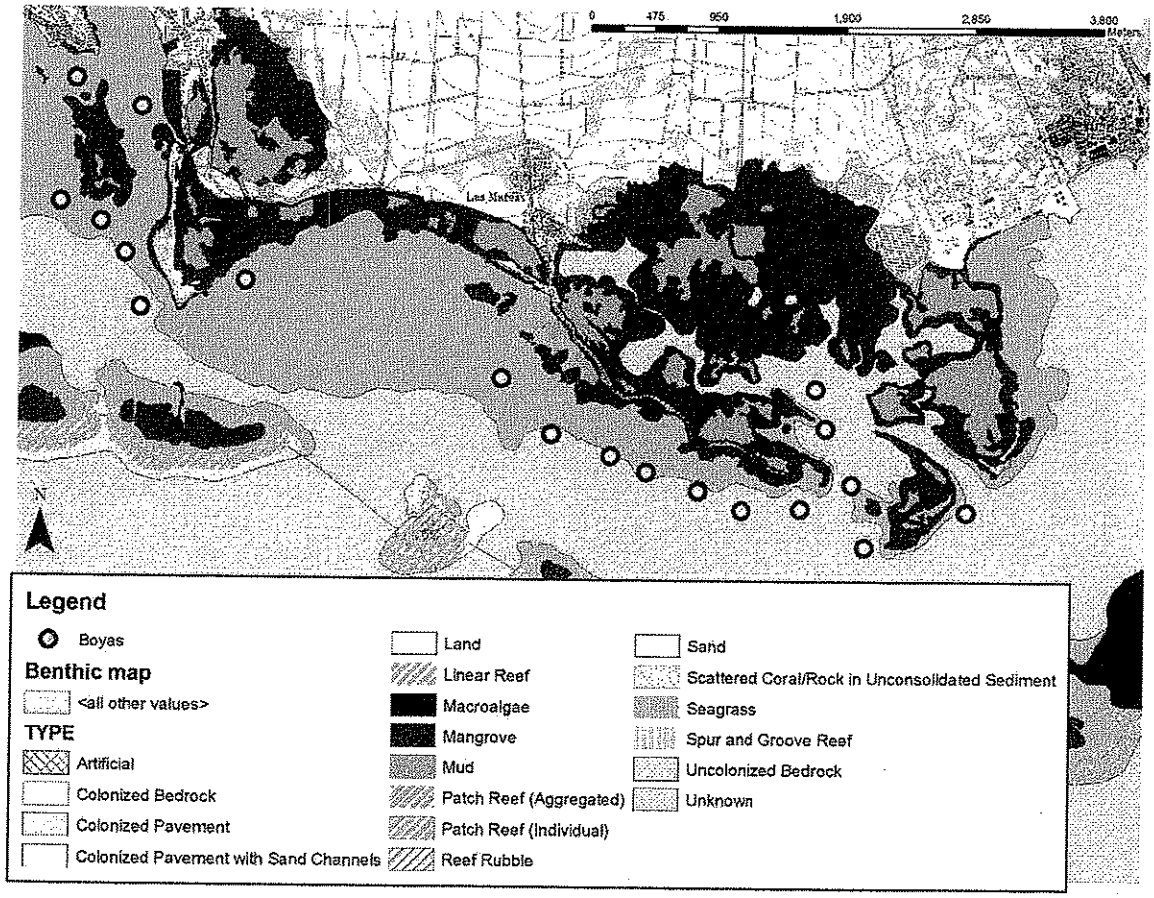

Figure 8. Salinas Area.
Benthic Map: U.S. National Oceanic and Atmospheric Administration. National Ocean Service. National Centers for Coastal Ocean Science Biogeography Program. 2001. Benthic Habitats of Puerto Rico and the U.S. Virgin Islands. Silver Spring, MD.

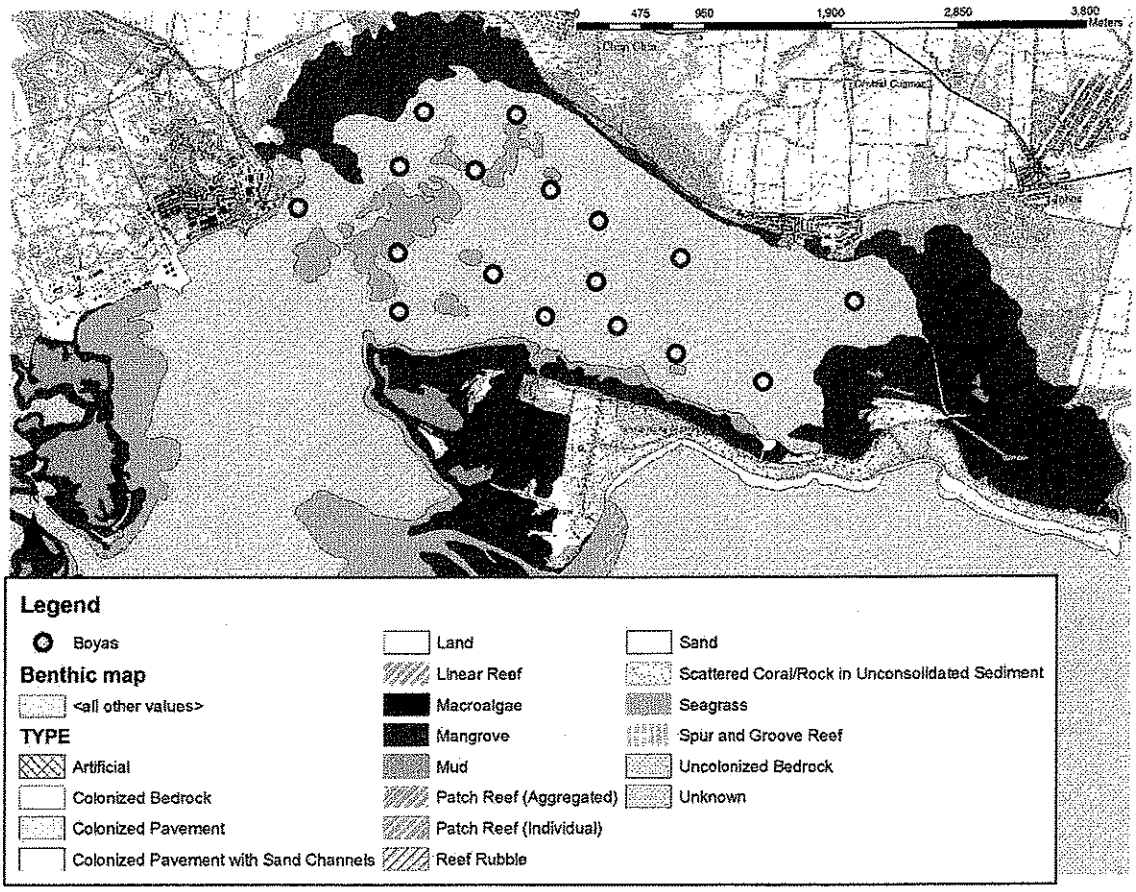

Figure 9. Bahía de Jobos Area.
Benthic Map: U.S. National Oceanic and Atmospheric Administration. National Ocean Service. National Centers for Coastal Ocean Science Biogeography Program. 2001. Benthic Habitats of Puerto Rico and the U.S. Virgin Islands. Silver Spring, MD.

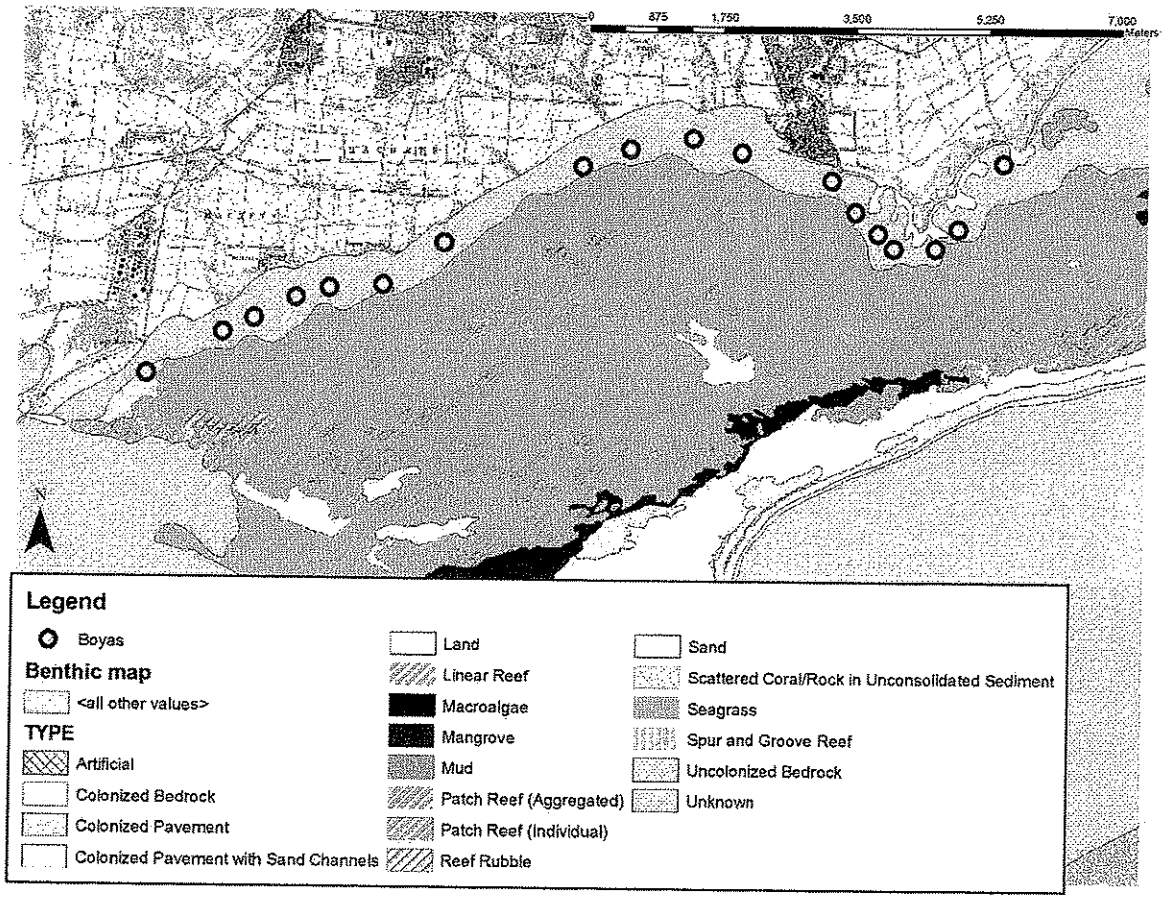

Figure 10. Guayama and Arroyo Area.
Benthic Map: U.S. National Oceanic and Atmospheric Administration. National Ocean Service. National Centers for Coastal Ocean Science Biogeography Program. 2001. Benthic Habitats of Puerto Rico and the U.S. Virgin Islands. Silver Spring, MD.

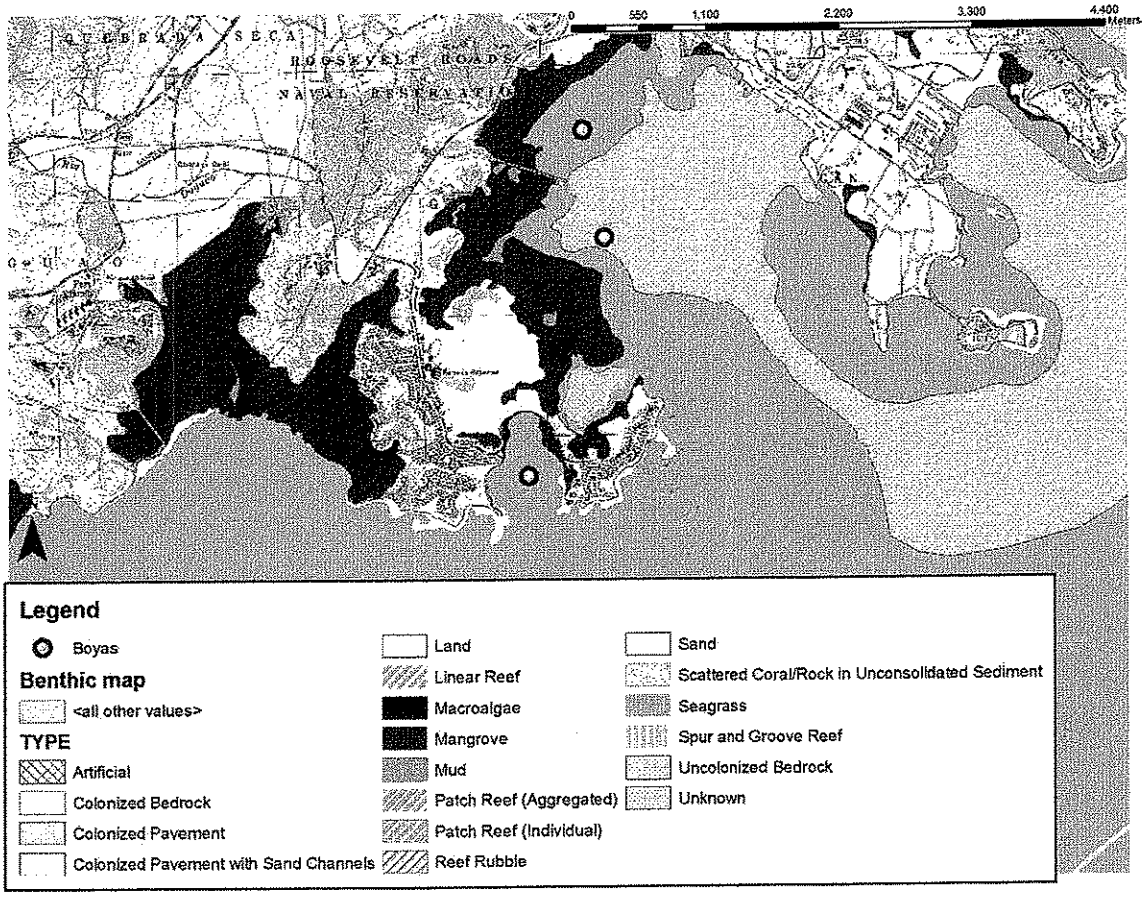

Figure 11. Ceiba Area.
Benthic Map: U.S. National Oceanic and Atmospheric Administration. National Ocean Service. National Centers for Coastal Ocean Science Biogeography Program. 2001. Benthic Habitats of Puerto Rico and the U.S. Virgin Islands. Silver Spring, MD.

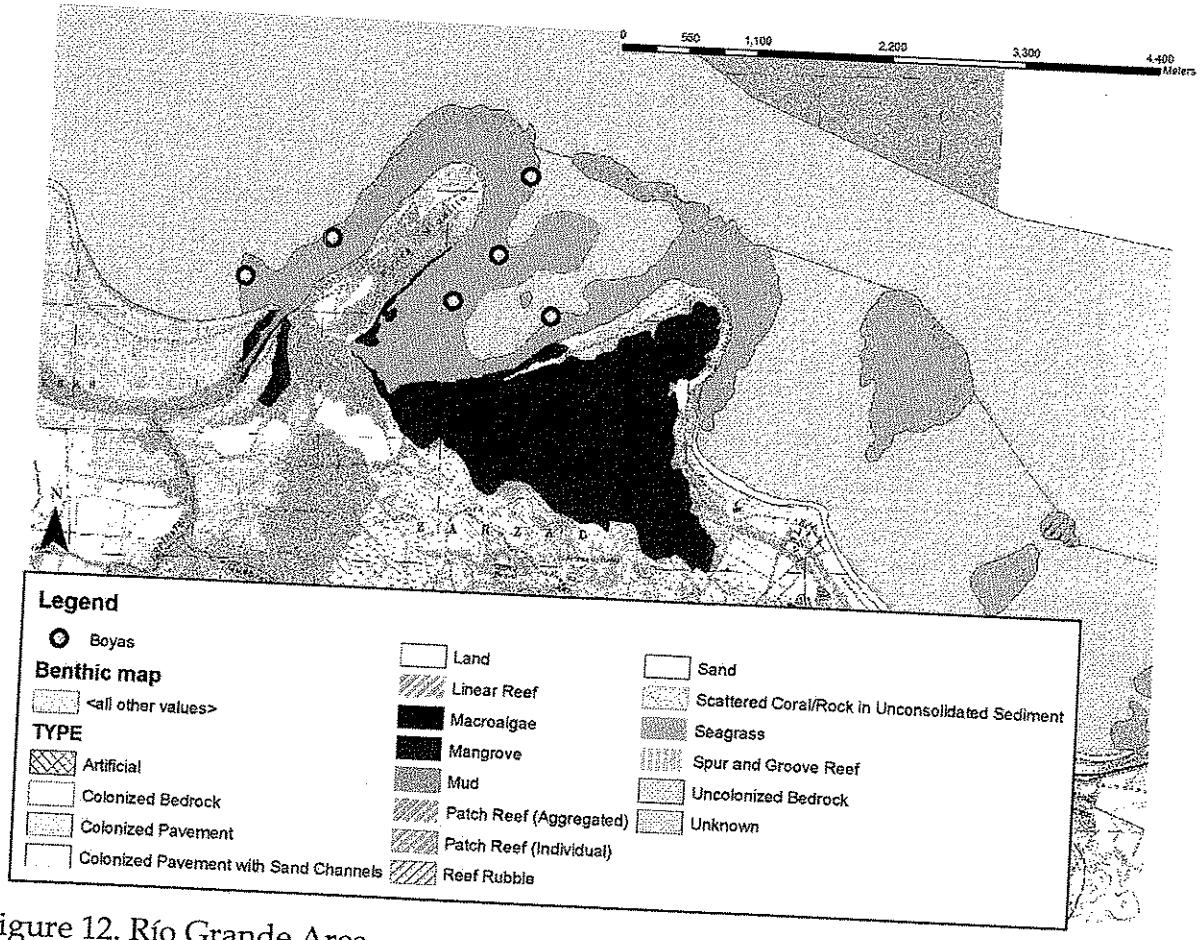

Figure 12. Río Grande Area.
Benthic Map: U.S. National Oceanic and Atmospheric Administration. National Ocean Service. National Centers for Coastal Ocean Science Biogeography Program. 2001. Benthic Habitats of Puerto Rico and the U.S. Virgin Islands. Silver Spring, MD.

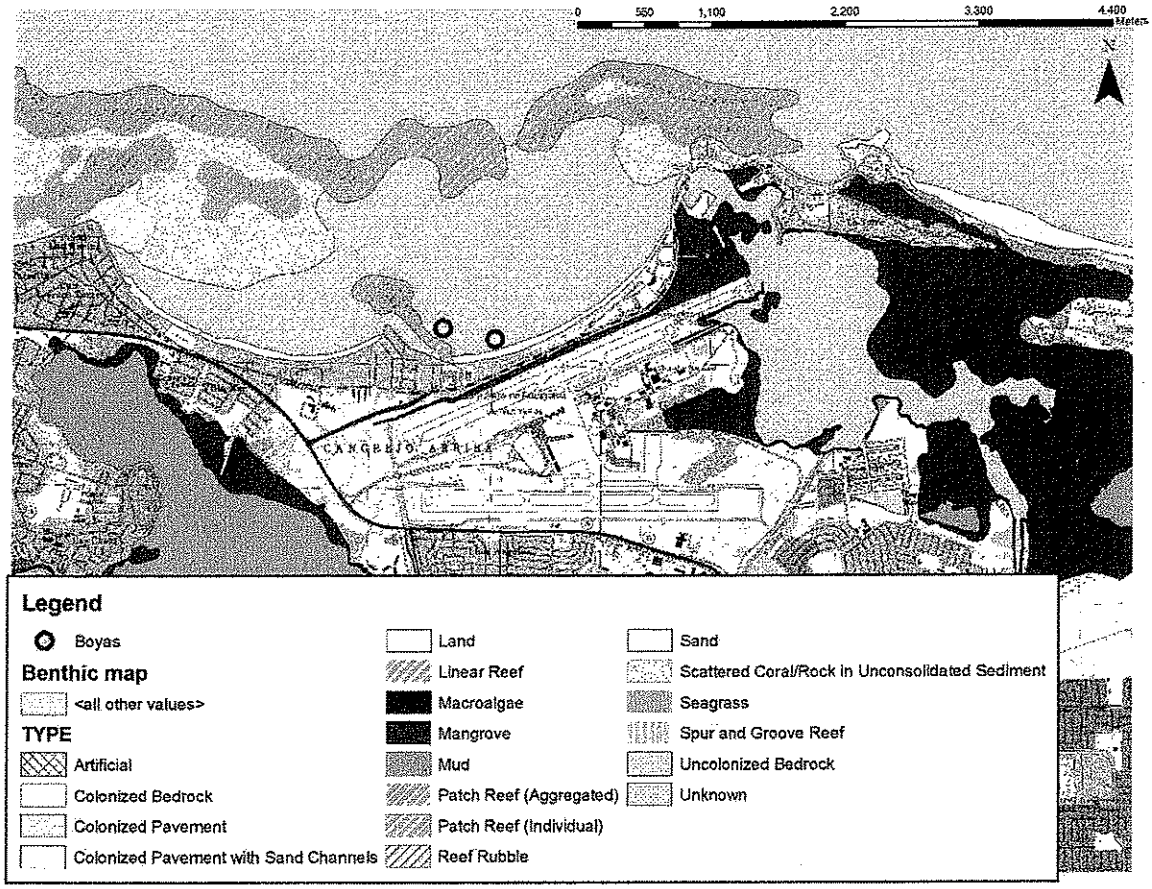

Figure 13. Isla Verde Area.
Benthic Map: U.S. National Oceanic and Atmospheric Administration. National Ocean Service. National Centers for Coastal Ocean Science Biogeography Program. 2001. Benthic Habitats of Puerto Rico and the U.S. Virgin Islands. Silver Spring, MD.

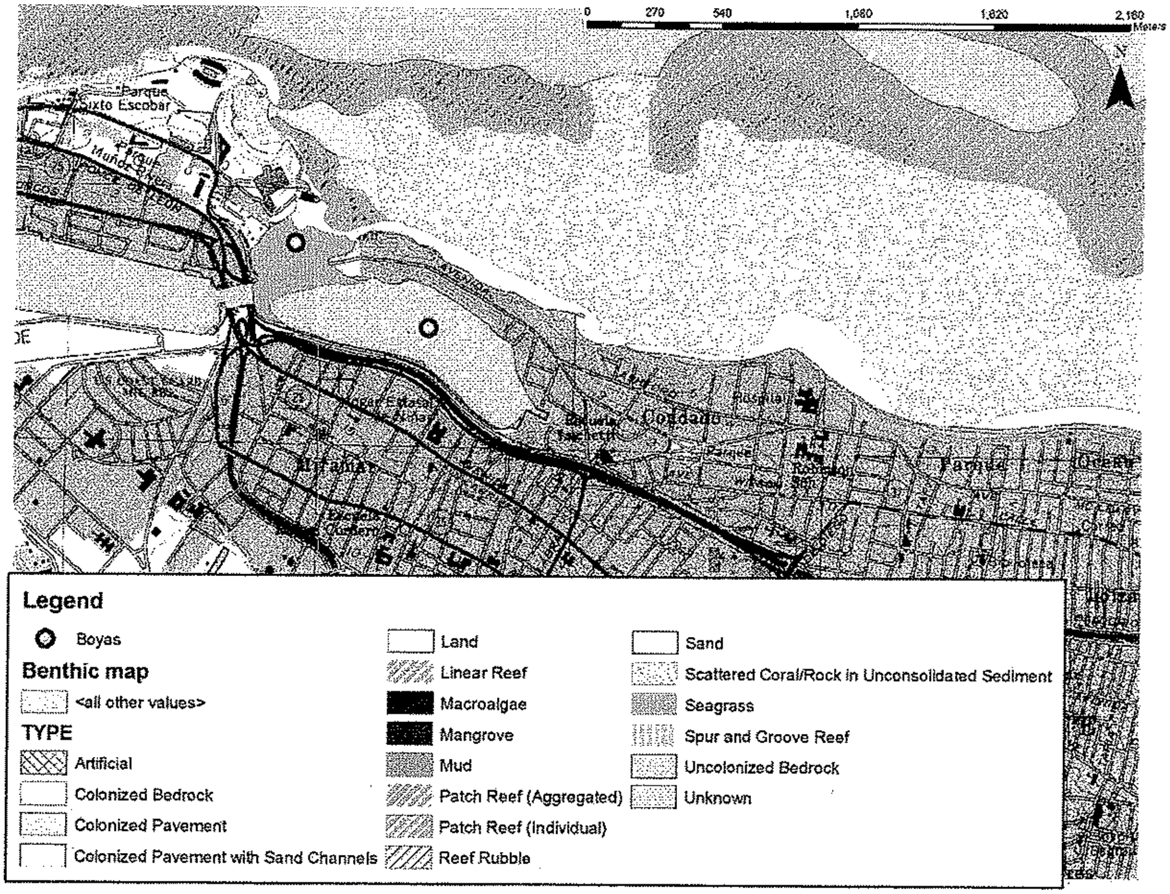

Figure 14. San Juan Area.
Benthic Map: U.S. National Oceanic and Atmospheric Administration. National Ocean Service. National Centers for Coastal Ocean Science Biogeography Program. 2001. Benthic Habitats of Puerto Rico and the U.S. Virgin Islands. Silver Spring, MD.

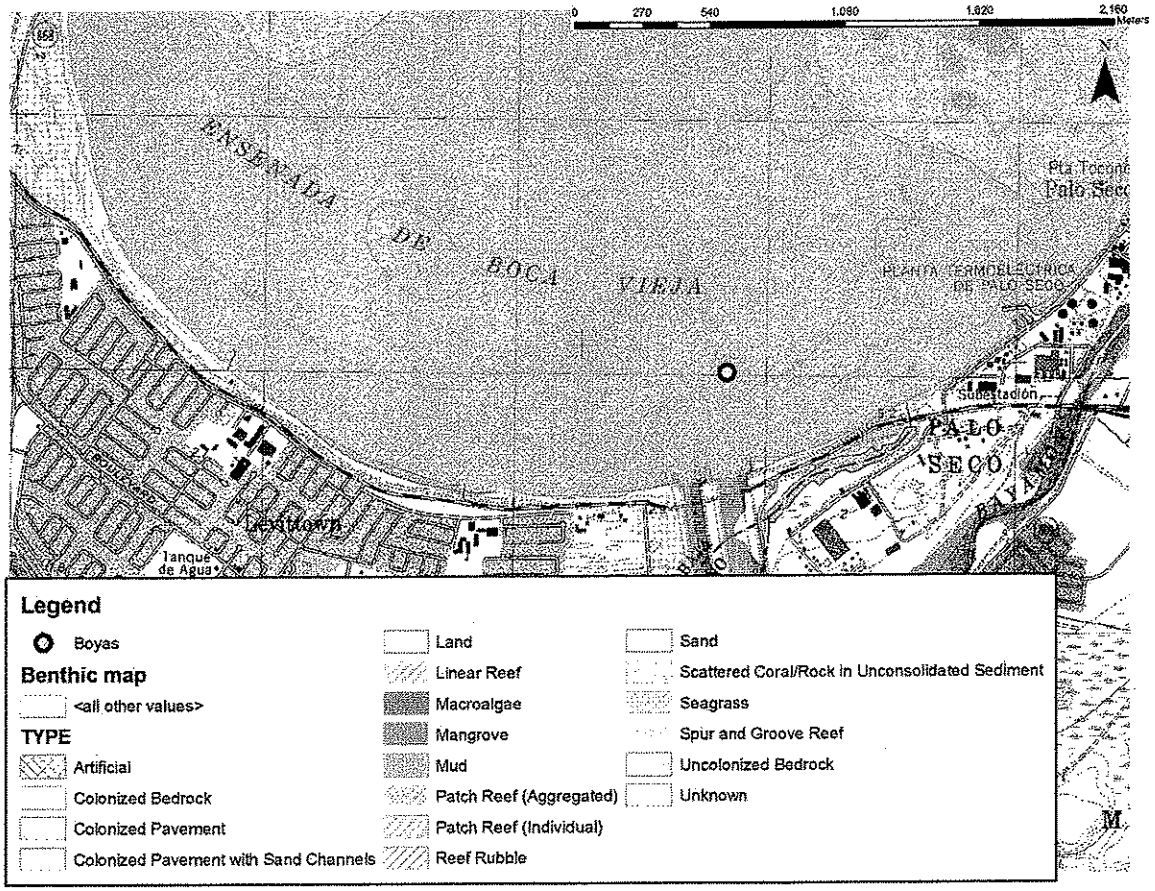

Figure 15. Toa Baja Area.
Benthic Map: U.S. National Oceanic and Atmospheric Administration. National Ocean Service. National Centers for Coastal Ocean Science Biogeography Program. 2001. Benthic Habitats of Puerto Rico and the U.S. Virgin Islands. Silver Spring, MD.

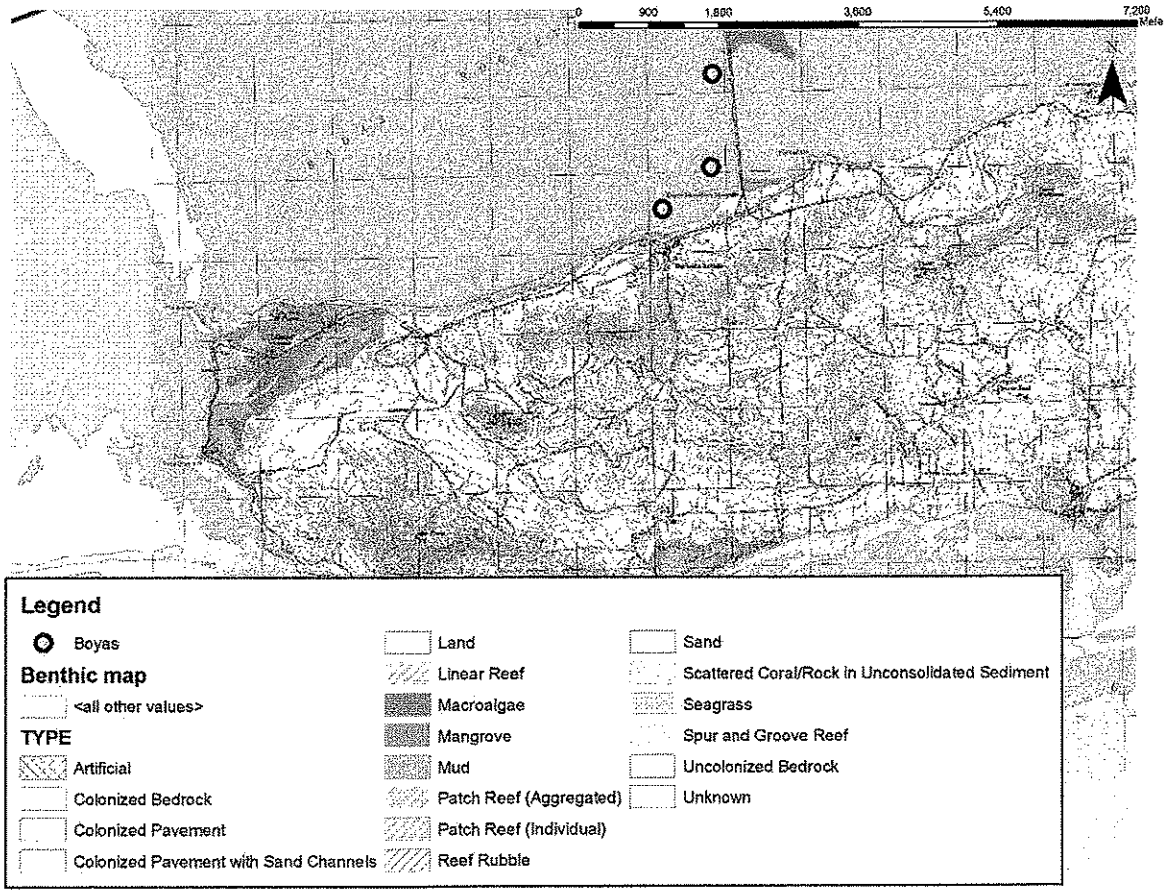

Figure 16. Vieques Area.
Benthic Map: U.S. National Oceanic and Atmospheric Administration. National Ocean Service. National Centers for Coastal Ocean Science Biogeography Program. 2001. Benthic Habitats of Puerto Rico and the U.S. Virgin Islands. Silver Spring, MD.

Table with the coordinates of the locations where the buoys are expected to be placed.

Latitude	Longitude	Town
17° 56' 49.105" N	66° 12' 40.704" W	Jobos
17° 56' 47.888" N	66° 12' 3.937" W	Jobos
17° 56' 45.520" N	66° 11' 45.557" W	Jobos
17° 56' 38.966" N	66° 11' 30.858" W	Jobos
17° 56' 58.127" N	66° 12' 17.231" W	Jobos
17° 56' 56.252" N	66° 11' 50.970" W	Jobos
17° 56' 32.234" N	66° 11' 8.632" W	Jobos
17° 57' 1.756" N	66° 11' 29.776" W	Jobos
17° 57' 10.831" N	66° 11' 50.425" W	Jobos
17° 57' 18.220" N	66° 12' 2.672" W	Jobos
17° 57' 22.767" N	66° 12' 21.751" W	Jobos
17° 57' 23.627" N	66° 12' 40.660" W	Jobos
17° 57' 36.692" N	66° 12' 34.690" W	Jobos
17° 57' 35.994" N	66° 12' 11.403" W	Jobos
17° 57' 3.183" N	66° 12' 41.036" W	Jobos
17° 57' 13.937" N	66° 13' 6.061" W	Jobos
17° 55' 35.818" N	66° 14' 26.712" W	Salinas
17° 55' 50.737" N	66° 14' 30.022" W	Salinas
17° 56' 3.982" N	66° 14' 36.661" W	Salinas
17° 56' 13.370" N	66° 14' 39.277" W	Salinas
17° 55' 44.172" N	66° 14' 1.318" W	Salinas
17° 55' 44.884" N	66° 14' 42.809" W	Salinas
17° 55' 44.563" N	66° 14' 57.690" W	Salinas
17° 55' 49.099" N	66° 15' 8.715" W	Salinas
17° 55' 53.468" N	66° 15' 21.840" W	Salinas
17° 55' 57.331" N	66° 15' 30.940" W	Salinas
17° 56' 2.372" N	66° 15' 45.992" W	Salinas
17° 56' 15.455" N	66° 15' 58.585" W	Salinas
17° 56' 31.616" N	66° 17' 29.087" W	Salinas
17° 56' 44.523" N	66° 17' 33.103" W	Salinas
17° 56' 52.068" N	66° 17' 39.225" W	Salinas
17° 56' 56.600" N	66° 17' 49.377" W	Salinas
17° 57' 25.925" N	66° 17' 45.852" W	Salinas
17° 57' 19.210" N	66° 17' 29.398" W	Salinas
17° 58' 13.280" N	66° 20' 25.691" W	Santa Isabel

17° 58' 5.076" N	66° 20' 42.680" W	Santa Isabel
17° 57' 45.322" N	66° 21' 31.894" W	Santa Isabel
17° 57' 52.869" N	66° 21' 46.425" W	Santa Isabel
17° 58' 2.585" N	66° 21' 37.665" W	Santa Isabel
17° 57' 17.178" N	66° 21' 58.521" W	Santa Isabel
17° 57' 34.609" N	66° 22' 4.993" W	Santa Isabel
17° 57' 23.036" N	66° 21' 38.908" W	Santa Isabel
17° 57' 2.605" N	66° 22' 18.662" W	Santa Isabel
17° 56' 50.877" N	66° 22' 27.945" W	Santa Isabel
17° 56' 18.205" N	66° 22' 49.666" W	Santa Isabel
17° 56' 10.835" N	66° 23' 6.125" W	Santa Isabel
17° 56' 17.543" N	66° 23' 24.682" W	Santa Isabel
17° 57' 4.813" N	66° 24' 24.551" W	Santa Isabel
17° 57' 17.216" N	66° 24' 46.086" W	Santa Isabel
17° 57' 5.150" N	66° 24' 41.010" W	Santa Isabel
17° 57' 22.414" N	66° 25' 21.280" W	Santa Isabel
17° 57' 20.404" N	66° 25' 43.167" W	Santa Isabel
17° 57' 34.314" N	66° 25' 59.276" W	Santa Isabel
17° 57' 14.582" N	66° 3' 21.900" W	Guayama Arroyo
17° 57' 5.524" N	66° 3' 11.534" W	Guayama Arroyo
17° 56' 59.486" N	66° 3' 4.466" W	Guayama Arroyo
17° 56' 59.448" N	66° 2' 45.898" W	Guayama Arroyo
17° 57' 7.561" N	66° 2' 35.809" W	Guayama Arroyo
17° 57' 35.233" N	66° 2' 15.761" W	Guayama Arroyo
17° 56' 22.416" N	66° 8' 4.089" W	Guayama Arroyo
17° 56' 28.418" N	66° 7' 49.812" W	Guayama Arroyo
17° 56' 37.224" N	66° 7' 31.124" W	Guayama Arroyo
17° 56' 41.417" N	66° 7' 16.011" W	Guayama Arroyo
17° 56' 42.984" N	66° 6' 52.090" W	Guayama Arroyo
17° 57' 33.236" N	66° 5' 23.873" W	Guayama Arroyo
17° 57' 40.629" N	66° 5' 2.876" W	Guayama Arroyo
17° 57' 45.397" N	66° 4' 35.169" W	Guayama Arroyo
17° 57' 39.331" N	66° 4' 13.149" W	Guayama Arroyo
17° 58' 44.707" N	66° 38' 23.981" W	Ponce
17° 58' 46.643" N	66° 38' 10.375" W	Ponce
17° 58' 49.005" N	66° 37' 57.217" W	Ponce
17° 59' 33.408" N	66° 45' 41.294" W	Guayanilla
17° 59' 21.908" N	66° 45' 25.433" W	Guayanilla
17° 59' 12.896" N	66° 45' 52.409" W	Guayanilla

17° 59' 32.750" N	66° 47' 49.346" W	Guayanilla
17° 59' 28.928" N	66° 47' 38.406" W	Guayanilla
17° 59' 21.865" N	66° 47' 48.431" W	Guayanilla
17° 59' 10.140" N	66° 47' 39.929" W	Guayanilla
17° 58' 14.871" N	66° 55' 29.584" W	Guánica
17° 58' 4.851" N	66° 55' 24.426" W	Guánica
17° 57' 54.870" N	66° 55' 3.877" W	Guánica
17° 57' 46.791" N	66° 54' 50.918" W	Guánica
17° 58' 5.265" N	66° 59' 23.323" W	Guánica
17° 56' 57.271" N	67° 5' 33.569" W	Parguera
18° 27' 40.145" N	66° 5' 4.443" W	San Juan
18° 27' 29.320" N	66° 4' 46.609" W	San Juan
18° 24' 42.482" N	65° 47' 28.656" W	Río Grande
18° 24' 54.937" N	65° 47' 16.412" W	Río Grande
18° 25' 15.642" N	65° 47' 8.600" W	Río Grande
18° 24' 46.650" N	65° 48' 26.654" W	Río Grande
18° 24' 57.363" N	65° 48' 2.815" W	Río Grande
18° 0' 19.640" N	66° 46' 7.744" W	Guayanilla
18° 0' 14.709" N	66° 46' 14.044" W	Guayanilla
18° 0' 5.527" N	66° 46' 22.440" W	Guayanilla
18° 26' 47.556" N	66° 0' 43.099" W	Isla Verde
18° 26' 44.692" N	66° 0' 28.543" W	Isla Verde
17° 57' 34.780" N	67° 5' 6.838" W	Parguera
17° 57' 54.094" N	66° 59' 59.200" W	Guánica
17° 59' 2.140" N	66° 47' 28.480" W	Guayanilla
18° 0' 6.562" N	66° 45' 48.793" W	Guayanilla
17° 56' 38.164" N	66° 17' 3.092" W	Salinas
17° 56' 51.411" N	66° 10' 45.462" W	Jobos
17° 56' 4.895" N	66° 8' 37.538" W	Guayama Arroyo
17° 57' 0.681" N	66° 6' 25.433" W	Guayama Arroyo
17° 57' 27.796" N	66° 3' 32.675" W	Guayama Arroyo
18° 24' 39.537" N	65° 47' 1.402" W	Río Grande
17° 57' 31.692" N	66° 38' 3.958" W	Ponce
17° 57' 14.749" N	66° 40' 26.768" W	Ponce
17° 58' 0.635" N	66° 36' 5.966" W	Ponce
18° 8' 6.574" N	65° 30' 55.246" W	Vieques
18° 7' 49.482" N	65° 31' 16.546" W	Vieques
18° 8' 44.926" N	65° 30' 54.584" W	Vieques
18° 0' 40.556" N	67° 10' 47.584" W	Boquerón

18° 0' 42.671" N	67° 10' 11.665" W	Boquerón
18° 0' 18.013" N	67° 11' 43.030" W	Boquerón
18° 28' 12.149" N	66° 10' 56.873" W	Toa Baja
18° 27' 19.067" N	66° 9' 39.105" W	Toa Baja
18° 15' 28.959" N	65° 36' 58.758" W	Ceiba
18° 13' 39.618" N	65° 38' 2.674" W	Ceiba
18° 13' 11.277" N	65° 37' 56.750" W	Ceiba
18° 12' 8.644" N	65° 38' 18.063" W	Ceiba

NATURE OF ACTIVITY

Manatee/5MPH buoys (Figure 17) will be placed at the locations shown above, using a helical disk anchoring system (Figure 18). The anchoring system is placed by hand using SCUBA gear. The seafloor must be sand, mud or sediment for the diver to be able to screw the anchoring system on the bottom.

The activity does not represent harm or threat to any endangered species since the equipment will be placed by hand. A boat will be used to arrive to the locations, but the boat will be moving at idle speed in the working area, and the persons on the boat will be watching for animals.

Figure 17. Manatee/5MPH buoys.

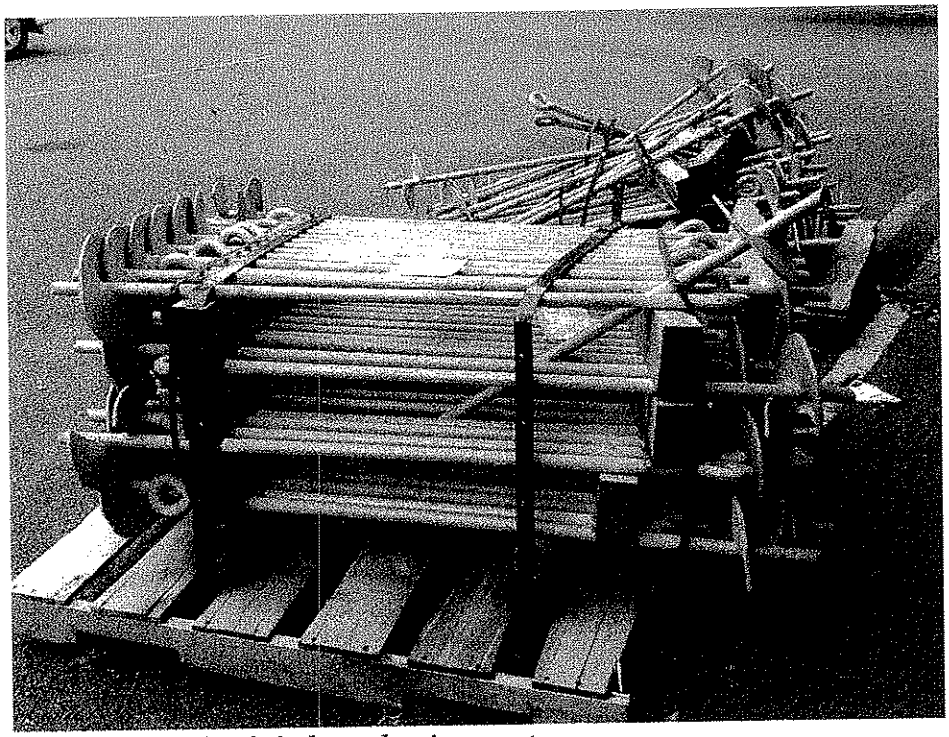

Figure 18. Helical disk anchoring system.