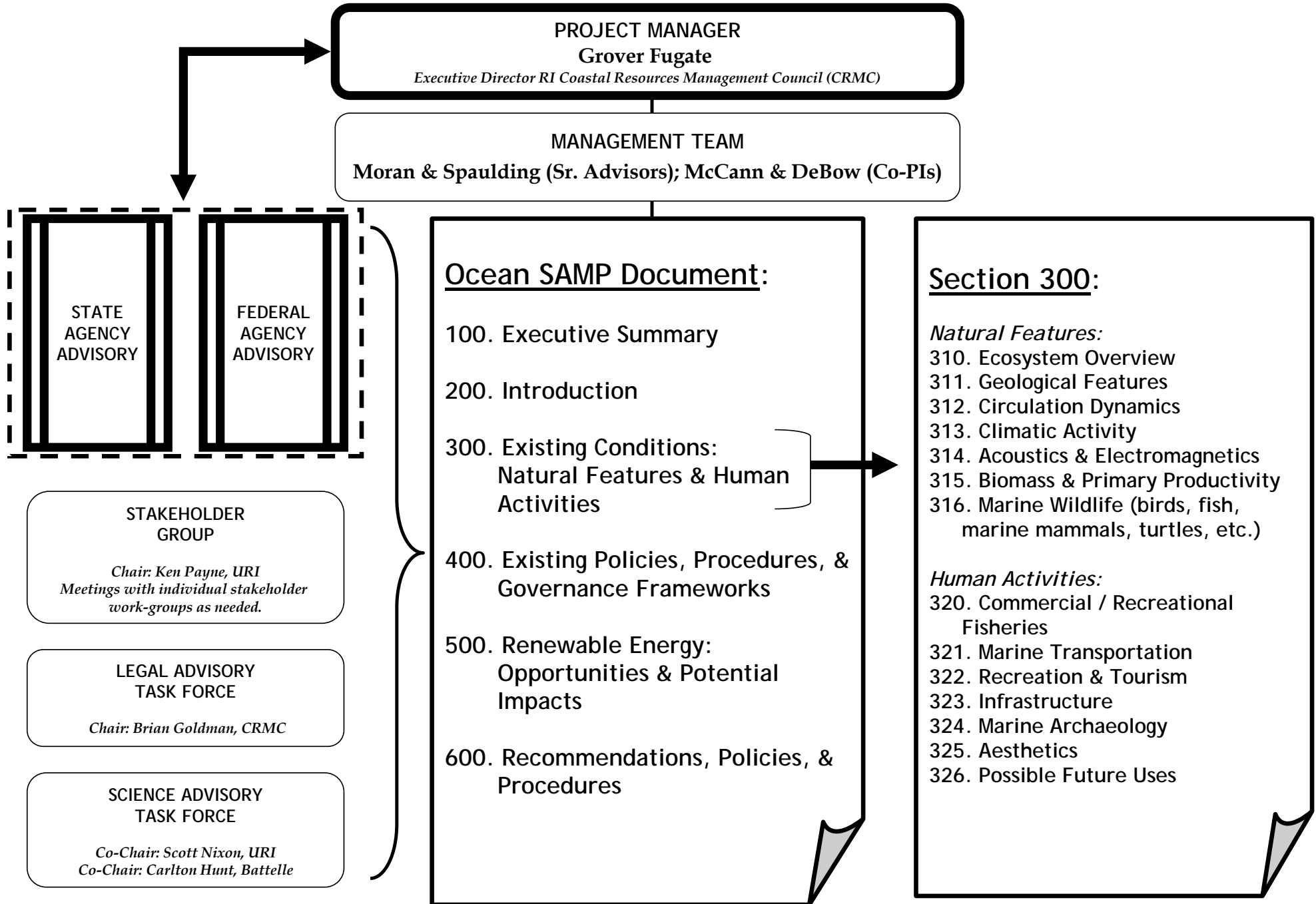


CRMC (Michael Tikoian, Chair) Ocean Special Area Management Plan (Ocean SAMP)  
INSTITUTIONAL PROGRAM MANAGEMENT STRUCTURE



# CRMC (Michael Tikoian, Chair) Ocean Special Area Management Plan (Ocean SAMP) INSTITUTIONAL PROGRAM MANAGEMENT STRUCTURE

## **OSAMP Management Team**

Grover Fugate, Executive Director, RI CRMC  
Jennifer McCann, URI-CRC  
Sam DeBow, URI GSO  
Malcolm Spaulding, URI Ocean Engineering  
Kathryn Moran, URI GSO

## **OSAMP Outreach Team**

Laura Ricketson-Dwyer, CRMC  
Monica Allard Cox, URI-RI Sea Grant  
Sue Kennedy, URI-CRC  
Chip Young, URI-CRC

## **OSAMP Data Acquisition & Policy Team Leads**

Malcolm Spaulding, Engineering  
Sau-Lon James Hu, Structures & Foundations  
Christopher Baxter, Structures & Foundations  
James Miller, Acoustics & Electromagnetics  
Peter August, Geospatial Data  
Robert Kenney, Marine Mammals & Turtles  
John Merrill, Air Quality & Meteorology  
John King, Siting Study & Geology  
Peter Paton, Marine & Coastal Birds  
Scott Nixon, Ecology  
David Beutel, Commercial & Recreational Fisheries  
Laura Skrobe, Commercial & Recreational Fisheries  
Kenneth Payne, State Policy  
Susan Farady, Roger Williams University, Legal  
Megan Higgins, Roger Williams University, Legal  
Teresa Crean, Data Synthesis & Policy  
Tiffany Smythe, Data Synthesis & Policy  
Stephen Olsen, Comparative Policy Assessment  
Barry Costa-Pierce, Comparative Policy Assessment

## **Federal Agency Advisory Committee**

Dan Goulet, CRMC Liaison  
Army Corps of Engineers  
US DOI Minerals Management Service  
US Environmental Protection Agency  
US Fish & Wildlife Service  
NOAA National Marine Fisheries Service  
US Coast Guard  
US Navy

## **State Agency Advisory Committee**

Dan Goulet, CRMC Liaison  
RI Department of Environmental Management  
RI Economic Development Corporation  
RI Statewide Planning Program  
Ad Hoc:  
Massachusetts CZM  
Connecticut CZM  
New York CZM

## **Science Advisory Task Force**

Co-Chair: Scott Nixon, URI GSO  
Co-Chair: Carlton Hunt, Battelle  
Carlton Hunt, Battelle Ocean Sciences, Duxbury, MA  
Robert Beardsley, WHOI, emeritus  
Roman Zajac, Biology Dept., University of New Haven  
Robert Buchsbaum, Massachusetts Audubon  
Caroly Shumway, The Nature Conservancy, RI Office  
Jon Boothroyd, Geology, URI; RI State Geologist  
Jonathan Garber, Director, US EPA Atlantic Ecology Laboratory  
Jeremy Collie, Oceanography, URI  
Candace Oviatt, Oceanography, URI  
Jim Yoder, WHOI  
Osvaldo Sala, Brown University

## **Legal Advisory Task Force**

Chair: Brian Goldman, CRMC  
Susan Farady, Roger Williams University  
Dennis Esposito, RWU/Adler Pollack & Sheehan  
Cynthia Giles, Director, Conservation Law Foundation, Rhode Island Advocacy Center  
Jerry Elmer, Staff Attorney, Conservation Law Foundation, Rhode Island Advocacy Center  
Wendy Waller, Save the Bay  
Michael Rubin, Special Assistant Attorney General, Unit Chief, State of RI  
Paul Roberti, Assistant Attorney General, Unit Chief, State of RI  
Terrance Tierney, Assistant Attorney, State of RI Attorney General Office

## **Stakeholder Group**

Kenneth Payne, URI, Chair  
Aquidneck Island Planning Commission  
Atlantic Offshore Lobster Association  
Audubon Society of Rhode Island  
Charlestown Town Council  
City of Newport  
Conservation Law Foundation  
Greater Providence Chamber of Commerce  
Jamestown Chamber of Commerce  
Jamestown Town Council  
Narragansett Chamber of Commerce  
Narragansett Indian Tribal Historic Preservation Office  
Narragansett Indian Tribe  
National Grid  
Newport County Chamber of Commerce  
Newport County Convention and Visitors Bureau  
Northeast Marine Pilots  
Ocean State Aquaculture Association  
Ocean State Fishermen's Association  
People's Power & Light  
R.I. Chapter/Surfriders' Association  
Rhode Island Commercial Fishermen's Association  
Rhode Island Fishermen's Alliance  
Rhode Island Historical Society  
Rhode Island League of Cities and Towns  
Rhode Island Lobstermen's Association  
Rhode Island Marine Trades Association  
Rhode Island Monkfishermen's Association  
Rhode Island Party & Charter Boat Association  
Rhode Island Saltwater Anglers Association  
Rhode Island School of Design  
Rhode Island Wind Alliance  
Save the Bay  
Sierra Club  
South County Tourism  
Town of Little Compton  
Town of Middletown  
Town of Narragansett  
Town of New Shoreham (Block Island)  
Town of South Kingstown  
Washington County Regional Planning Council  
Westerly Town Council  
Wind Power RI Project, Roger Williams University

***With participation of members of the public and interested parties.***

## RI OCEAN SAMP FISHERIES PROCESS AND TIMELINE *rev. 3/18/2009*

**Description:** The RI Ocean SAMP fisheries chapter will be developed through a process that will draw upon the input of fishermen, scientists, managers, and other stakeholders. Below is a list and timeline of steps to be taken in this process.

### ***Task 1.***

Fall 08/Winter 09 Meet with commercial and recreational fishermen to identify issues, concerns, and opportunities related to the Ocean SAMP effort.

***Four different meetings were held in November and December 2008 and February and March 2009 to gain this input from fishermen.***

### ***Task 2.***

Fall 08/Winter 09 Meet with commercial/recreational fishermen to identify and document commercial and recreational fishing activity locations.

***Approximately ten different meetings were held between October 2008 and January 2009 to delineate fisheries usage areas on nautical charts.***

### ***Task 3.***

Fall 08 - Spring 09 Develop draft fisheries scope of work and technical report outline and distribute to stakeholders for review and comment.

***Ongoing; started in November 2008 through in-person meetings and email communication.***

### ***Task 4.***

Fall 08 - Spring 09 Identify existing data sources and scientific/technical literature to address technical report outline. Reach out to fisheries scientists and managers from universities; state, regional, and federal agencies; and non-governmental organizations to acquire and/or determine the relevance of these sources.

***Ongoing; will be enhanced by the April 23rd RI Natural History Survey symposium entitled "The Impacts of Offshore Renewable Energy Projects on Marine Ecosystems."***

### ***Task 5.***

Winter 09 Present draft commercial and recreational fisheries usage maps to fishermen.

***Draft maps were presented to fisheries stakeholders at a special meeting on March 3, 2009.***

### ***Task 6.***

Winter - Summer 09 As needed, present data and/or preliminary findings to fishermen, scientists, managers, and other stakeholders.

***The SAMP fisheries chapter will include a list of site-specific studies that any offshore renewable energy applicant will be required to perform. A draft list of such studies was presented to fisheries stakeholders for comment at a special meeting on March 3, 2009.***

### ***Task 7.***

Summer/Fall 09 Present draft fisheries technical report to stakeholders for review and comment.

## RI OCEAN SAMP FISHERIES PROCESS AND TIMELINE *rev. 3/18/2009*

### ***Task 8.***

Summer/Fall 09      Hold proposed event with fishermen, scientists, managers, and other stakeholders to review data and gather input for further defining best practices and strategies for overcoming obstacles in planning and policy initiatives.

### ***Task 9.***

Winter/Spring 10      Present draft fisheries SAMP chapter to stakeholders for review and comment.

### ***Task 10.***

Spring/Summer 10      Refine draft fisheries SAMP chapter.

*Note: Timeline may be altered due to circumstances beyond the control of CRMC and/or URI.*

### **For further information, contact:**

Jennifer McCann, URI Coastal Resources Center/RI Sea Grant, [mccann@crc.uri.edu](mailto:mccann@crc.uri.edu)

Tiffany Smythe, URI Coastal Resources Center/RI Sea Grant, [tsmythe@crc.uri.edu](mailto:tsmythe@crc.uri.edu)

You may also visit the Ocean SAMP website at <http://seagrants.gso.uri.edu/oceansamp/>

## **Ocean SAMP Fisheries Technical Report Outline**

*DRAFT revised 3/18/2009*

*Note: This is a working document which will be revised and updated on an ongoing basis.*

- 1. Characterization/baseline description of marine fisheries resources within the SAMP area**
  - a. Descriptive data on species key to commercial/recreational fisheries
  - b. Descriptive data and maps of habitats within SAMP area
- 2. Economic significance of RI's commercial and recreational fisheries**
- 3. Areas of commercial and recreational fishing activity**
- 4. Potential impacts of global climate change on fishery resources**
- 5. Site-specific studies and research needs to be met by a potential applicant or renewable energy developer**
- 6. Best practices to manage fisheries re: offshore renewable energy**
- 7. Mitigation standards: how to mitigate the adverse impacts of offshore renewable energy on fisheries**
- 8. Policy Recommendations**

**RI Ocean SAMP Commercial Fisheries Issues and Opportunities**  
**Draft 3/18/2009**

*This document reflects input received from commercial fishermen and fisheries stakeholders during Ocean SAMP meetings and written and verbal communication that took place between October 2008 and March 2009.*

**Commercial Fisheries Issues**

1. A wind farm developer has been selected and potential wind farm sites have been identified before the Ocean SAMP planning process has been completed.
2. To protect fisheries within the SAMP area, there is a need for more and better information concerning fisheries resources and habitats as well as the potential impacts of construction, operation, and decommissioning of wind turbines, undersea cables, and other offshore renewable energy infrastructure.
3. Offshore renewable energy development may severely impact fishermen's livelihoods by bringing about reduced catches, gear loss or damage, reduced access to key fishing grounds, and reduced income.
4. Strategies and tools must be developed to fairly and efficiently mitigate the potential impacts of offshore renewable energy development on fishermen and/or compensate fishermen for their losses.
5. Offshore renewable energy development may create navigational and safety hazards by increasing ship traffic; limiting maneuvering room; interfering with radar and visibility; and placing hazardous undersea cables and other infrastructure in or near fishing grounds and/or navigational areas.
6. Other fisheries regulatory agencies and experts have not been adequately engaged in the Ocean SAMP planning process.
7. Global climate change is expected to have detrimental impacts on fisheries resources.

**RI Ocean SAMP Commercial Fisheries Issues and Opportunities**  
**Draft 3/18/2009**

**Commercial Fisheries Opportunities**

1. Offshore renewable energy structures may be used to create new fish habitat, which could benefit both commercial and recreational fisheries provided that fishermen are permitted to fish near the structures.
2. The construction and operation of offshore renewable energy facilities could lead to new employment opportunities for fishermen and fishing vessels.
3. The ocean zoning plan that will result from the Ocean SAMP process may provide protection for fisheries resources and fishing uses, both in state and federal waters.
4. The development of offshore renewable energy infrastructure may provide opportunities for fishermen to be directly involved in fisheries research.
5. Offshore renewable energy infrastructure may enhance marine safety if used as weather stations or if equipped with mechanisms that strengthen VHF/cell phone signals.

**RI Ocean SAMP Recreational Fisheries Issues and Opportunities**  
**Draft 3/18/2009**

*This document reflects input received from recreational fishermen and the party/charter boat industry during Ocean SAMP meetings and written and verbal communication that took place between October 2008 and March 2009.*

**Recreational Fishing Issues**

1. To protect fisheries within the SAMP area, there is a need for more and better information concerning local fisheries resources, food supplies, and habitats, as well as the potential impacts of construction, operation, and decommissioning of wind turbines, undersea cables, and other offshore renewable energy infrastructure.
2. The construction and operation of offshore renewable energy infrastructure may impact fishermen's livelihoods and/or quality of recreational experience by harming fisheries resources and habitats, reducing or prohibiting access to key fishing grounds, and increasing transit times to key fishing grounds.
3. Offshore renewable energy development may create navigational and safety hazards by limiting maneuvering room, increasing transit times, and placing hazardous undersea cables and other infrastructure in or near fishing grounds.
4. Strategies and tools must be developed to fairly and efficiently mitigate the potential impacts of offshore renewable energy development on fishermen and/or compensate fishermen for their losses.

**Recreational Fisheries Opportunities**






1. Offshore renewable energy structures may be used to create new fish habitat, which could benefit recreational fisheries provided that fishermen are permitted to fish near the structures.
2. A temporary or permanent exemption allowing bass fishing in federal waters would be one way to make up for the temporary or permanent closure of popular bass fishing areas in state waters that may take place as part of an offshore renewable energy project.



# Rhode Island Ocean Special Area Management Plan (SAMP)

71°50'W 71°40'W 71°30'W 71°20'W 71°10'W 71°0'W 70°50'W

## Map Key

-  Proposed Ocean Study Area
-  State/Federal Waters Separation
-  Fishing Areas: Mobile Gear
-  Fishing Areas: Fixed Gear
-  Fishing Areas: Recreational

## Bathymetry (m)

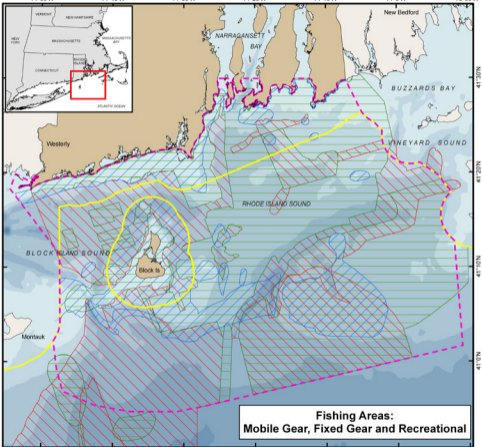
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-  -80



Coordinate System:  
 Projection: RI Stateplane  
 Units: Feet  
 FIPS Zone: 3800  
 Datum: NAD83

For Project Background Information:  
<http://seagrant.gac.uri.edu/oceansamp>

For Project Map and Data Products:  
[http://www.narrabay.org/ri\\_projects/oceansamp](http://www.narrabay.org/ri_projects/oceansamp)



# Rhode Island Ocean Special Area Management Plan (SAMP)

71°50'W 71°40'W 71°30'W 71°20'W 71°10'W 71°0'W 70°50'W

## Map Key

- Proposed Ocean Study Area
- State/Federal Waters Separation
- Fishing Areas: Fixed Gear

## Bathymetry (m)

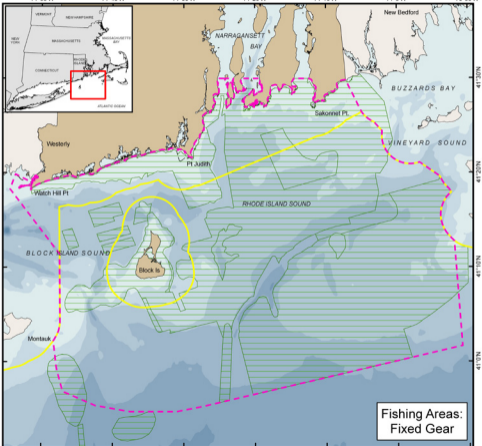
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Coordinate System:  
Projection: NAD83  
Units: Feet  
FIPS Zone: 3000  
Datum: NAD83

For Project Background Information:  
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For Project Map and Data Products:  
[http://www.narrbay.org/o\\_projects/oceansamp](http://www.narrbay.org/o_projects/oceansamp)



Fishing Areas:  
Fixed Gear

# Rhode Island Ocean Special Area Management Plan (SAMP)

71°50'W 71°40'W 71°30'W 71°20'W 71°10'W 71°0'W 70°50'W

## Map Key

- Proposed Ocean Study Area
- State/Federal Waters Separation
- Fishing Areas: Mobile Gear

## Bathymetry (m)

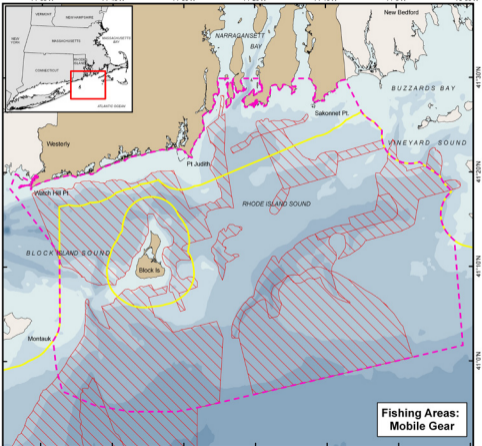
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Coordinate System:  
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[http://www.narrbay.org/0\\_projects/oceansamp](http://www.narrbay.org/0_projects/oceansamp)



**Fishing Areas:  
Mobile Gear**

# Rhode Island Ocean Special Area Management Plan (SAMP)

71°50'W 71°40'W 71°30'W 71°20'W 71°10'W 70°50'W

## Map Key

- Proposed Ocean Study Area
- State/Federal Waters Separation
- Fishing Areas: Recreational

## Bathymetry (m)

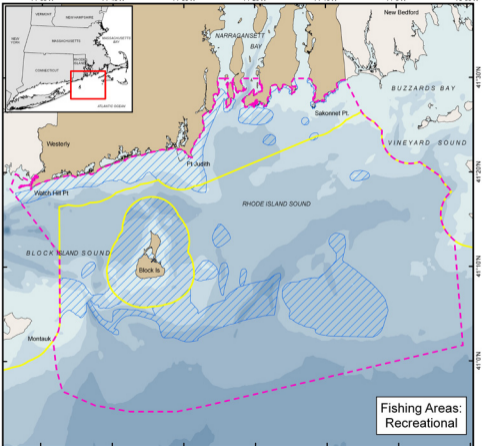
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Fishing Areas:  
Recreational