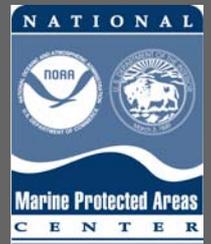


# Improving the MPA Inventory

## Fact Checking for California Sites



### QAQC Report

These report data are accurate from:

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**Site ID** BOEM01

**Site Name** East and West Flower Garden Banks

**Site URL** <http://widgets.gbif.org/pa/area/312206>

**Program Authority** Executive Order 13089 (Coral Reef Conservation)

#### Additional legal authority

**Designation** Federal

**ManagmentType** Conservation Area

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** President Clinton issued Executive Order (E.O.) 13089 (63 FR 32701-32703 (1998))

**Notes**

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# QAQC Report

These report data are accurate from:

Wednesday, November 21, 2012

## Species Resource Groups Present

Site_ID	Attribute
BOEM01	Fish (Coastal Pelagic)
BOEM01	Fish (Demersal East Coast)
BOEM01	Fish (Highly Migratory Marine Species)
BOEM01	Marine Mammals (Cetaceans)
BOEM01	Birds (Seabird)

## Potential Species Resource Group

- Fish (Groundfish West Coast)
- Fish (Coastal Pelagic)
- Fish (Highly Migratory Marine Species)
- Birds (Seabird)
- Marine Mammals (Cetaceans)
- Marine Mammals (Pinnipeds)
- Marine Mammals (Fissipeds)
- Benthic Invertebrates (mobile and sessile)
- Benthic Algae
- Rocky Intertidal Invertebrates (Mobile/Sessile)
- Rocky Intertidal (Algae)
- Fish (Estuarine/Coastal Marine)
- Birds (Estuarine/Coastal)
- Fish (Anadromous)
- Sea Turtle
- Fish (Reef fish, tropical)
- Hydrothermal Vent Species
- Marine Mammals (Sirenia)
- Birds (Waterfowl)
- Birds (Other)
- Deepwater Species
- Fish (Demersal East Coast)
- Fish (Freshwater Demersal)
- Fish (Freshwater Pelagic)
- Coastal Marine Reptile

# QAQC Report

These report data are accurate from:

Wednesday, November 21, 2012

## Biological Use Resource Groups

Site_ID	Attribute
BOEM0	Coral Reef (Tropical)
BOEM0	Endangered Species (ESA listed)

## Potential Biological Uses Resource Group

- Coral Reef (Tropical)
- Coral Reef (Temperate)
- Sea grass habitat
- Kelp and Algae
- Oyster/Shellfish beds
- Marine mammal haulout
- Bird nesting habitat
- Bird migratory area
- Essential fish habitat (EFH) conservation area
- Floating/ Docked Historic Vessel
- Archaeological Site (shipwreck)
- Site of Cultural Significance
- Tribal use of Accustomed Areas
- Historical Structures
- Archaeological Site (aircraft)
- Archaeological Site (prehistoric)
- Traditional cultural property
- Site of traditional activities

---

## Present Cultural Resource Groups

No data found

---

## Present Management Activity Resource Group

Site_ID	Attribute
BOEM0	Biological Monitoring Program

## Potential Management Activity Resource Groups

- Tours and Docents
  - Interpretive signage
  - Science Center or Museum
  - Volunteer Program
  - Biological Monitoring Program
  - Physical Monitoring Program
-

# QAQC Report

These report data are accurate from:

Wednesday, November 21, 2012

## Present Physical Resource Groups

Site_ID	Attribute
---------	-----------

BOEM0 CoralReef

BOEM0 Seamounts/Pinnacles

BOEM0 CMECS (Neritic)

## Potential Resource Group

- Beach
- Barrier Islands
- Islands
- Rocky Reefs
- Sand Dunes
- Seamounts/Pinnacles
- Submarine Canyons
- Wetlands/MudFlats
- Rivers/Streams
- Sea Grass
- Kelp Forest
- CoralReef
- Rock Intertidal
- Hydrothermal Vents/ Cold Seeps
- Upwelling Zones
- Transition Zones
- Oceanographic Fronts
- Oceanographic Gyres
- CMECS (Estuary)
- CMECS (Fresh Water Influenced)
- CMECS (Nearshore Marine)
- CMECS (Neritic)

## QAQC Report

These report data are accurate from:

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**Site ID** BOEM02

**Site Name** Stetson Bank

**Site URL** [http://flowergarden.noaa.gov/document\\_library/aboutdocs/fgbnmscoralcapspecies.pdf](http://flowergarden.noaa.gov/document_library/aboutdocs/fgbnmscoralcapspecies.pdf)

**Program Authority** Executive Order 13089 (Coral Reef Conservation)

### Additional legal authority

**Designation** Federal

**ManagmentType** Conservation Area

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** President Clinton issued Executive Order (E.O.) 13089 (63 FR 32701-32703 (1998))

### Notes

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# QAQC Report

These report data are accurate from:

Wednesday, November 21, 2012

## Species Resource Groups Present

Site_ID	Attribute
BOEM02	Fish (Coastal Pelagic)
BOEM02	Benthic Invertebrates (mobile and sessile)
BOEM02	Fish (Reef fish, tropical)
BOEM02	Fish (Demersal East Coast)
BOEM02	Sea Turtle
BOEM02	Fish (Highly Migratory Marine Species)
BOEM02	Birds (Other)
BOEM02	Birds (Estuarine/Coastal)
BOEM02	Birds (Seabird)

## Potential Species Resource Group

- Fish (Groundfish West Coast)
- Fish (Coastal Pelagic)
- Fish (Highly Migratory Marine Species)
- Birds (Seabird)
- Marine Mammals (Cetaceans)
- Marine Mammals (Pinnipeds)
- Marine Mammals (Fissipeds)
- Benthic Invertebrates (mobile and sessile)
- Benthic Algae
- Rocky Intertidal Invertebrates (Mobile/Sessile)
- Rocky Intertidal (Algae)
- Fish (Estuarine/Coastal Marine)
- Birds (Estuarine/Coastal)
- Fish (Anadromous)
- Sea Turtle
- Fish (Reef fish, tropical)
- Hydrothermal Vent Species
- Marine Mammals (Sirenia)
- Birds (Waterfowl)
- Birds (Other)
- Deepwater Species
- Fish (Demersal East Coast)
- Fish (Freshwater Demersal)
- Fish (Freshwater Pelagic)
- Coastal Marine Reptile

# QAQC Report

These report data are accurate from:

Wednesday, November 21, 2012

## Biological Use Resource Groups

Site_ID	Attribute
BOEM0	Coral Reef (Tropical)
BOEM0	Endangered Species (ESA listed)

## Potential Biological Uses Resource Group

- Coral Reef (Tropical)
- Coral Reef (Temperate)
- Sea grass habitat
- Kelp and Algae
- Oyster/Shellfish beds
- Marine mammal haulout
- Bird nesting habitat
- Bird migratory area
- Essential fish habitat (EFH) conservation area
- Floating/ Docked Historic Vessel
- Archaeological Site (shipwreck)
- Site of Cultural Significance
- Tribal use of Accustomed Areas
- Historical Structures
- Archaeological Site (aircraft)
- Archaeological Site (prehistoric)
- Traditional cultural property
- Site of traditional activities

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## Present Cultural Resource Groups

No data found

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## Present Management Activity Resource Group

No data found

## Potential Management Activity Resource Groups

- Tours and Docents
  - Interpretive signage
  - Science Center or Museum
  - Volunteer Program
  - Biological Monitoring Program
  - Physical Monitoring Program
-

# QAQC Report

These report data are accurate from:

Wednesday, November 21, 2012

## Present Physical Resource Groups

Site_ID	Attribute
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BOEM0 CoralReef

BOEM0 Seamounts/Pinnacles

BOEM0 CMECS (Neritic)

## Potential Resource Group

- Beach
- Barrier Islands
- Islands
- Rocky Reefs
- Sand Dunes
- Seamounts/Pinnacles
- Submarine Canyons
- Wetlands/MudFlats
- Rivers/Streams
- Sea Grass
- Kelp Forest
- CoralReef
- Rock Intertidal
- Hydrothermal Vents/ Cold Seeps
- Upwelling Zones
- Transition Zones
- Oceanographic Fronts
- Oceanographic Gyres
- CMECS (Estuary)
- CMECS (Fresh Water Influenced)
- CMECS (Nearshore Marine)
- CMECS (Neritic)

## QAQC Report

These report data are accurate from:

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**Site ID** BOEM03

**Site Name** Sonnier Bank

**Site URL** [http://flowergarden.noaa.gov/document\\_library/aboutdocs/fgbnmscoralcapspecies.pdf](http://flowergarden.noaa.gov/document_library/aboutdocs/fgbnmscoralcapspecies.pdf)

**Program Authority** Executive Order 13089 (Coral Reef Conservation)

### Additional legal authority

**Designation** Federal

**ManagmentType** Conservation Area

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** President Clinton issued Executive Order (E.O.) 13089 (63 FR 32701-32703 (1998))

### Notes

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# QAQC Report

These report data are accurate from:

Wednesday, November 21, 2012

## Species Resource Groups Present

Site_ID	Attribute
BOEM03	Fish (Coastal Pelagic)
BOEM03	Benthic Invertebrates (mobile and sessile)
BOEM03	Fish (Reef fish, tropical)
BOEM03	Fish (Demersal East Coast)
BOEM03	Sea Turtle
BOEM03	Fish (Highly Migratory Marine Species)
BOEM03	Birds (Other)
BOEM03	Birds (Estuarine/Coastal)
BOEM03	Birds (Seabird)
BOEM03	Marine Mammals (Cetaceans)

## Potential Species Resource Group

Fish (Groundfish West Coast)  
Fish (Coastal Pelagic)  
Fish (Highly Migratory Marine Species)  
Birds (Seabird)  
Marine Mammals (Cetaceans)  
Marine Mammals (Pinnipeds)  
Marine Mammals (Fissipeds)  
Benthic Invertebrates (mobile and sessile)  
Benthic Algae  
Rocky Intertidal Invertebrates (Mobile/Sessile)  
Rocky Intertidal (Algae)  
Fish (Estuarine/Coastal Marine)  
Birds (Estuarine/Coastal)  
Fish (Anadromous)  
Sea Turtle  
Fish (Reef fish, tropical)  
Hydrothermal Vent Species  
Marine Mammals (Sirenia)  
Birds (Waterfowl)  
Birds (Other)  
Deepwater Species  
Fish (Demersal East Coast)  
Fish (Freshwater Demersal)  
Fish (Freshwater Pelagic)  
Coastal Marine Reptile

# QAQC Report

These report data are accurate from:

Wednesday, November 21, 2012

## Biological Use Resource Groups

Site_ID	Attribute
BOEM0	Coral Reef (Tropical)
BOEM0	Endangered Species (ESA listed)

## Potential Biological Uses Resource Group

- Coral Reef (Tropical)
- Coral Reef (Temperate)
- Sea grass habitat
- Kelp and Algae
- Oyster/Shellfish beds
- Marine mammal haulout
- Bird nesting habitat
- Bird migratory area
- Essential fish habitat (EFH) conservation area
- Floating/ Docked Historic Vessel
- Archaeological Site (shipwreck)
- Site of Cultural Significance
- Tribal use of Accustomed Areas
- Historical Structures
- Archaeological Site (aircraft)
- Archaeological Site (prehistoric)
- Traditional cultural property
- Site of traditional activities

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## Present Cultural Resource Groups

No data found

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## Present Management Activity Resource Group

Site_ID	Attribute
BOEM0	Biological Monitoring Program

## Potential Management Activity Resource Groups

- Tours and Docents
  - Interpretive signage
  - Science Center or Museum
  - Volunteer Program
  - Biological Monitoring Program
  - Physical Monitoring Program
-

# QAQC Report

These report data are accurate from:

Wednesday, November 21, 2012

## Present Physical Resource Groups

Site_ID	Attribute
BOEM0	CoralReef
BOEM0	Seamounts/Pinnacles
BOEM0	CMECS (Neritic)

## Potential Resource Group

- Beach
- Barrier Islands
- Islands
- Rocky Reefs
- Sand Dunes
- Seamounts/Pinnacles
- Submarine Canyons
- Wetlands/MudFlats
- Rivers/Streams
- Sea Grass
- Kelp Forest
- CoralReef
- Rock Intertidal
- Hydrothermal Vents/ Cold Seeps
- Upwelling Zones
- Transition Zones
- Oceanographic Fronts
- Oceanographic Gyres
- CMECS (Estuary)
- CMECS (Fresh Water Influenced)
- CMECS (Nearshore Marine)
- CMECS (Neritic)

**Site ID** BOEM04

**Site Name** McGrail Bank

**Site URL** <http://flowergarden.noaa.gov/about/mcgrailbank.html>

**Program Authority** Executive Order 13089 (Coral Reef Conservation)

**Additional legal authority**

**Designation** Federal

**ManagmentType** Conservation Area

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** President Clinton issued Executive Order (E.O.) 13089 (63 FR 32701-32703 (1998))

**Notes**

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# QAQC Report

These report data are accurate from:

Wednesday, November 21, 2012

## Species Resource Groups Present

Site_ID	Attribute
BOEM04	Fish (Demersal East Coast)
BOEM04	Fish (Reef fish, tropical)
BOEM04	Benthic Invertebrates (mobile and sessile)

## Potential Species Resource Group

- Fish (Groundfish West Coast)
- Fish (Coastal Pelagic)
- Fish (Highly Migratory Marine Species)
- Birds (Seabird)
- Marine Mammals (Cetaceans)
- Marine Mammals (Pinnipeds)
- Marine Mammals (Fissipeds)
- Benthic Invertebrates (mobile and sessile)
- Benthic Algae
- Rocky Intertidal Invertebrates (Mobile/Sessile)
- Rocky Intertidal (Algae)
- Fish (Estuarine/Coastal Marine)
- Birds (Estuarine/Coastal)
- Fish (Anadromous)
- Sea Turtle
- Fish (Reef fish, tropical)
- Hydrothermal Vent Species
- Marine Mammals (Sirenia)
- Birds (Waterfowl)
- Birds (Other)
- Deepwater Species
- Fish (Demersal East Coast)
- Fish (Freshwater Demersal)
- Fish (Freshwater Pelagic)
- Coastal Marine Reptile

# QAQC Report

These report data are accurate from:

Wednesday, November 21, 2012

## Biological Use Resource Groups

Site_ID	Attribute
BOEM0	Coral Reef (Tropical)
BOEM0	Endangered Species (ESA listed)

## Potential Biological Uses Resource Group

- Coral Reef (Tropical)
- Coral Reef (Temperate)
- Sea grass habitat
- Kelp and Algae
- Oyster/Shellfish beds
- Marine mammal haulout
- Bird nesting habitat
- Bird migratory area
- Essential fish habitat (EFH) conservation area
- Floating/ Docked Historic Vessel
- Archaeological Site (shipwreck)
- Site of Cultural Significance
- Tribal use of Accustomed Areas
- Historical Structures
- Archaeological Site (aircraft)
- Archaeological Site (prehistoric)
- Traditional cultural property
- Site of traditional activities

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## Present Cultural Resource Groups

No data found

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## Present Management Activity Resource Group

Site_ID	Attribute
BOEM0	Biological Monitoring Program

## Potential Management Activity Resource Groups

- Tours and Docents
- Interpretive signage
- Science Center or Museum
- Volunteer Program
- Biological Monitoring Program
- Physical Monitoring Program

# QAQC Report

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## Present Physical Resource Groups

Site_ID	Attribute
BOEM0	CMECS (Neritic)
BOEM0	CoralReef
BOEM0	Seamounts/Pinnacles

## Potential Resource Group

- Beach
- Barrier Islands
- Islands
- Rocky Reefs
- Sand Dunes
- Seamounts/Pinnacles
- Submarine Canyons
- Wetlands/MudFlats
- Rivers/Streams
- Sea Grass
- Kelp Forest
- CoralReef
- Rock Intertidal
- Hydrothermal Vents/ Cold Seeps
- Upwelling Zones
- Transition Zones
- Oceanographic Fronts
- Oceanographic Gyres
- CMECS (Estuary)
- CMECS (Fresh Water Influenced)
- CMECS (Nearshore Marine)
- CMECS (Neritic)

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**Site ID** BOEM05

**Site Name** Geyer Bank

**Site URL** <http://flowergarden.noaa.gov/about/geyerbank.html>

**Program Authority** Executive Order 13089 (Coral Reef Conservation)

### Additional legal authority

**Designation** Federal

**ManagmentType** Conservation Area

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** President Clinton issued Executive Order (E.O.) 13089 (63 FR 32701-32703 (1998))

### Notes

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# QAQC Report

These report data are accurate from:

Wednesday, November 21, 2012

## Species Resource Groups Present

Site_ID	Attribute
BOEM05	Fish (Demersal East Coast)
BOEM05	Fish (Reef fish, tropical)
BOEM05	Benthic Invertebrates (mobile and sessile)

## Potential Species Resource Group

- Fish (Groundfish West Coast)
- Fish (Coastal Pelagic)
- Fish (Highly Migratory Marine Species)
- Birds (Seabird)
- Marine Mammals (Cetaceans)
- Marine Mammals (Pinnipeds)
- Marine Mammals (Fissipeds)
- Benthic Invertebrates (mobile and sessile)
- Benthic Algae
- Rocky Intertidal Invertebrates (Mobile/Sessile)
- Rocky Intertidal (Algae)
- Fish (Estuarine/Coastal Marine)
- Birds (Estuarine/Coastal)
- Fish (Anadromous)
- Sea Turtle
- Fish (Reef fish, tropical)
- Hydrothermal Vent Species
- Marine Mammals (Sirenia)
- Birds (Waterfowl)
- Birds (Other)
- Deepwater Species
- Fish (Demersal East Coast)
- Fish (Freshwater Demersal)
- Fish (Freshwater Pelagic)
- Coastal Marine Reptile

# QAQC Report

These report data are accurate from:

Wednesday, November 21, 2012

## Biological Use Resource Groups

Site_ID	Attribute
BOEM0	Fish spawning area
BOEM0	Coral Reef (Tropical)
BOEM0	Endangered Species (ESA listed)

## Potential Biological Uses Resource Group

Coral Reef (Tropical)
Coral Reef (Temperate)
Sea grass habitat
Kelp and Algae
Oyster/Shellfish beds
Marine mammal haulout
Bird nesting habitat
Bird migratory area
Essential fish habitat (EFH) conservation area
Fish spawning area
Floating/ Docked Historic Vessel
Archaeological Site (shipwreck)
Site of Cultural Significance
Tribal use of Accustomed Areas
Historical Structures
Archaeological Site (aircraft)
Archaeological Site (prehistoric)
Traditional cultural property
Site of traditional activities

## Present Cultural Resource Groups

No data found

## Present Management Activity Resource Group

Site_ID	Attribute
BOEM0	Biological Monitoring Program

## Potential Management Activity Resource Groups

Tours and Docents
Interpretive signage
Science Center or Museum
Volunteer Program
Biological Monitoring Program
Physical Monitoring Program

# QAQC Report

These report data are accurate from:

Wednesday, November 21, 2012

## Present Physical Resource Groups

Site_ID	Attribute
BOEM0	CMECS (Neritic)
BOEM0	CoralReef
BOEM0	Seamounts/Pinnacles

## Potential Resource Group

- Beach
- Barrier Islands
- Islands
- Rocky Reefs
- Sand Dunes
- Seamounts/Pinnacles
- Submarine Canyons
- Wetlands/MudFlats
- Rivers/Streams
- Sea Grass
- Kelp Forest
- CoralReef
- Rock Intertidal
- Hydrothermal Vents/ Cold Seeps
- Upwelling Zones
- Transition Zones
- Oceanographic Fronts
- Oceanographic Gyres
- CMECS (Estuary)
- CMECS (Fresh Water Influenced)
- CMECS (Nearshore Marine)
- CMECS (Neritic)

**Site ID** BOEM06

**Site Name** Bright Bank

**Site URL** [http://flowergarden.noaa.gov/document\\_library/aboutdocs/fgbnmscoralcapspecies.pdf](http://flowergarden.noaa.gov/document_library/aboutdocs/fgbnmscoralcapspecies.pdf)

**Program Authority** Executive Order 13089 (Coral Reef Conservation)

**Additional legal authority**

**Designation** Federal

**ManagmentType** Conservation Area

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** President Clinton issued Executive Order (E.O.) 13089 (63 FR 32701-32703 (1998))

**Notes**

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# QAQC Report

These report data are accurate from:

Wednesday, November 21, 2012

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## Species Resource Groups Present

Site_ID	Attribute
BOEM06	Fish (Coastal Pelagic)
BOEM06	Benthic Invertebrates (mobile and sessile)
BOEM06	Fish (Reef fish, tropical)
BOEM06	Fish (Demersal East Coast)
BOEM06	Sea Turtle
BOEM06	Fish (Highly Migratory Marine Species)
BOEM06	Birds (Other)
BOEM06	Birds (Estuarine/Coastal)
BOEM06	Birds (Seabird)

## Potential Species Resource Group

Fish (Groundfish West Coast)  
Fish (Coastal Pelagic)  
Fish (Highly Migratory Marine Species)  
Birds (Seabird)  
Marine Mammals (Cetaceans)  
Marine Mammals (Pinnipeds)  
Marine Mammals (Fissipeds)  
Benthic Invertebrates (mobile and sessile)  
Benthic Algae  
Rocky Intertidal Invertebrates (Mobile/Sessile)  
Rocky Intertidal (Algae)  
Fish (Estuarine/Coastal Marine)  
Birds (Estuarine/Coastal)  
Fish (Anadromous)  
Sea Turtle  
Fish (Reef fish, tropical)  
Hydrothermal Vent Species  
Marine Mammals (Sirenia)  
Birds (Waterfowl)  
Birds (Other)  
Deepwater Species  
Fish (Demersal East Coast)  
Fish (Freshwater Demersal)  
Fish (Freshwater Pelagic)  
Coastal Marine Reptile

# QAQC Report

These report data are accurate from:

Wednesday, November 21, 2012

## Biological Use Resource Groups

Site_ID	Attribute
BOEM0	Coral Reef (Tropical)
BOEM0	Endangered Species (ESA listed)

## Potential Biological Uses Resource Group

- Coral Reef (Tropical)
- Coral Reef (Temperate)
- Sea grass habitat
- Kelp and Algae
- Oyster/Shellfish beds
- Marine mammal haulout
- Bird nesting habitat
- Bird migratory area
- Essential fish habitat (EFH) conservation area
- Floating/ Docked Historic Vessel
- Archaeological Site (shipwreck)
- Site of Cultural Significance
- Tribal use of Accustomed Areas
- Historical Structures
- Archaeological Site (aircraft)
- Archaeological Site (prehistoric)
- Traditional cultural property
- Site of traditional activities

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## Present Cultural Resource Groups

No data found

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## Present Management Activity Resource Group

Site_ID	Attribute
BOEM0	Biological Monitoring Program

## Potential Management Activity Resource Groups

- Tours and Docents
  - Interpretive signage
  - Science Center or Museum
  - Volunteer Program
  - Biological Monitoring Program
  - Physical Monitoring Program
-

## Present Physical Resource Groups

Site_ID	Attribute
BOEM0	CoralReef
BOEM0	Seamounts/Pinnacles
BOEM0	CMECS (Neritic)

## Potential Resource Group

- Beach
- Barrier Islands
- Islands
- Rocky Reefs
- Sand Dunes
- Seamounts/Pinnacles
- Submarine Canyons
- Wetlands/MudFlats
- Rivers/Streams
- Sea Grass
- Kelp Forest
- CoralReef
- Rock Intertidal
- Hydrothermal Vents/ Cold Seeps
- Upwelling Zones
- Transition Zones
- Oceanographic Fronts
- Oceanographic Gyres
- CMECS (Estuary)
- CMECS (Fresh Water Influenced)
- CMECS (Nearshore Marine)
- CMECS (Neritic)

**Site ID** BOEM07

**Site Name** Alderdice Bank

**Site URL** <http://www.mendeley.com/research/deep-reef-fish-surveys-submersible-alderdice-mcgrail-sonnier-banks-northwestern-gulf-mexico/>

**Program Authority** Executive Order 13089 (Coral Reef Conservation)

**Additional legal authority**

**Designation** Federal

**ManagmentType** Conservation Area

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** President Clinton issued Executive Order (E.O.) 13089 (63 FR 32701-32703 (1998))

**Notes**

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# QAQC Report

These report data are accurate from:

Wednesday, November 21, 2012

## Species Resource Groups Present

Site_ID	Attribute
BOEM07	Fish (Demersal East Coast)
BOEM07	Fish (Reef fish, tropical)
BOEM07	Benthic Invertebrates (mobile and sessile)

## Potential Species Resource Group

- Fish (Groundfish West Coast)
- Fish (Coastal Pelagic)
- Fish (Highly Migratory Marine Species)
- Birds (Seabird)
- Marine Mammals (Cetaceans)
- Marine Mammals (Pinnipeds)
- Marine Mammals (Fissipeds)
- Benthic Invertebrates (mobile and sessile)
- Benthic Algae
- Rocky Intertidal Invertebrates (Mobile/Sessile)
- Rocky Intertidal (Algae)
- Fish (Estuarine/Coastal Marine)
- Birds (Estuarine/Coastal)
- Fish (Anadromous)
- Sea Turtle
- Fish (Reef fish, tropical)
- Hydrothermal Vent Species
- Marine Mammals (Sirenia)
- Birds (Waterfowl)
- Birds (Other)
- Deepwater Species
- Fish (Demersal East Coast)
- Fish (Freshwater Demersal)
- Fish (Freshwater Pelagic)
- Coastal Marine Reptile

# QAQC Report

These report data are accurate from:

Wednesday, November 21, 2012

## Biological Use Resource Groups

Site_ID	Attribute
BOEM0	Coral Reef (Tropical)
BOEM0	Endangered Species (ESA listed)

## Potential Biological Uses Resource Group

- Coral Reef (Tropical)
- Coral Reef (Temperate)
- Sea grass habitat
- Kelp and Algae
- Oyster/Shellfish beds
- Marine mammal haulout
- Bird nesting habitat
- Bird migratory area
- Essential fish habitat (EFH) conservation area
- Floating/ Docked Historic Vessel
- Archaeological Site (shipwreck)
- Site of Cultural Significance
- Tribal use of Accustomed Areas
- Historical Structures
- Archaeological Site (aircraft)
- Archaeological Site (prehistoric)
- Traditional cultural property
- Site of traditional activities

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## Present Cultural Resource Groups

No data found

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## Present Management Activity Resource Group

Site_ID	Attribute
BOEM0	Biological Monitoring Program

## Potential Management Activity Resource Groups

- Tours and Docents
  - Interpretive signage
  - Science Center or Museum
  - Volunteer Program
  - Biological Monitoring Program
  - Physical Monitoring Program
-

# QAQC Report

These report data are accurate from:

Wednesday, November 21, 2012

## Present Physical Resource Groups

Site_ID	Attribute
BOEM0	CMECS (Neritic)
BOEM0	CoralReef
BOEM0	Seamounts/Pinnacles

## Potential Resource Group

- Beach
- Barrier Islands
- Islands
- Rocky Reefs
- Sand Dunes
- Seamounts/Pinnacles
- Submarine Canyons
- Wetlands/MudFlats
- Rivers/Streams
- Sea Grass
- Kelp Forest
- CoralReef
- Rock Intertidal
- Hydrothermal Vents/ Cold Seeps
- Upwelling Zones
- Transition Zones
- Oceanographic Fronts
- Oceanographic Gyres
- CMECS (Estuary)
- CMECS (Fresh Water Influenced)
- CMECS (Nearshore Marine)
- CMECS (Neritic)

**Site ID** BOEM08

**Site Name** VK 826: Lophelia Coral Habitat

**Site URL** <http://widgets.gbif.org/pa/area/312202/taxonomy/1046/1701/10>

**Program Authority** Executive Order 13089 (Coral Reef Conservation)

**Additional legal authority**

**Designation** Federal

**ManagmentType** Conservation Area

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** President Clinton issued Executive Order (E.O.) 13089 (63 FR 32701-32703 (1998))

**Notes**

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## Species Resource Groups Present

Site_ID	Attribute
BOEM08	Deepwater Species
BOEM08	Benthic Invertebrates (mobile and sessile)
BOEM08	Birds (Seabird)
BOEM08	Fish (Reef fish, tropical)
BOEM08	Fish (Coastal Pelagic)
BOEM08	Marine Mammals (Cetaceans)
BOEM08	Fish (Demersal East Coast)

## Potential Species Resource Group

- Fish (Groundfish West Coast)
- Fish (Coastal Pelagic)
- Fish (Highly Migratory Marine Species)
- Birds (Seabird)
- Marine Mammals (Cetaceans)
- Marine Mammals (Pinnipeds)
- Marine Mammals (Fissipeds)
- Benthic Invertebrates (mobile and sessile)
- Benthic Algae
- Rocky Intertidal Invertebrates (Mobile/Sessile)
- Rocky Intertidal (Algae)
- Fish (Estuarine/Coastal Marine)
- Birds (Estuarine/Coastal)
- Fish (Anadromous)
- Sea Turtle
- Fish (Reef fish, tropical)
- Hydrothermal Vent Species
- Marine Mammals (Sirenia)
- Birds (Waterfowl)
- Birds (Other)
- Deepwater Species
- Fish (Demersal East Coast)
- Fish (Freshwater Demersal)
- Fish (Freshwater Pelagic)
- Coastal Marine Reptile

# QAQC Report

These report data are accurate from:

Wednesday, November 21, 2012

## Biological Use Resource Groups

Site_ID	Attribute
BOEM0	Coral Reef (Temperate)
BOEM0	Endangered Species (ESA listed)

## Potential Biological Uses Resource Group

- Coral Reef (Tropical)
- Coral Reef (Temperate)
- Sea grass habitat
- Kelp and Algae
- Oyster/Shellfish beds
- Marine mammal haulout
- Bird nesting habitat
- Bird migratory area
- Essential fish habitat (EFH) conservation area
- Floating/ Docked Historic Vessel
- Archaeological Site (shipwreck)
- Site of Cultural Significance
- Tribal use of Accustomed Areas
- Historical Structures
- Archaeological Site (aircraft)
- Archaeological Site (prehistoric)
- Traditional cultural property
- Site of traditional activities

## Present Cultural Resource Groups

No data found

## Present Management Activity Resource Group

Site_ID	Attribute
BOEM0	Biological Monitoring Program

## Potential Management Activity Resource Groups

- Tours and Docents
- Interpretive signage
- Science Center or Museum
- Volunteer Program
- Biological Monitoring Program
- Physical Monitoring Program

## Present Physical Resource Groups

Site_ID	Attribute
---------	-----------

BOEM0 CoralReef

BOEM0 CMECS (Oceanic)

## Potential Resource Group

- Beach
- Barrier Islands
- Islands
- Rocky Reefs
- Sand Dunes
- Seamounts/Pinnacles
- Submarine Canyons
- Wetlands/MudFlats
- Rivers/Streams
- Sea Grass
- Kelp Forest
- CoralReef
- Rock Intertidal
- Hydrothermal Vents/ Cold Seeps
- Upwelling Zones
- Transition Zones
- Oceanographic Fronts
- Oceanographic Gyres
- CMECS (Estuary)
- CMECS (Fresh Water Influenced)
- CMECS (Nearshore Marine)
- CMECS (Neritic)

**Site ID** BOEM09

**Site Name** VK 862: Lophelia and Black Coral Habitat

**Site URL** [http://fl.biology.usgs.gov/pdf/2\\_CHAPTER\\_2\\_LOPHELIA\\_FISHES.pdf](http://fl.biology.usgs.gov/pdf/2_CHAPTER_2_LOPHELIA_FISHES.pdf)

**Program Authority** Executive Order 13089 (Coral Reef Conservation)

**Additional legal authority**

**Designation** Federal

**ManagmentType** Conservation Area

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** President Clinton issued Executive Order (E.O.) 13089 (63 FR 32701-32703 (1998))

**Notes**

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## Species Resource Groups Present

Site_ID	Attribute
BOEM09	Deepwater Species
BOEM09	Benthic Invertebrates (mobile and sessile)
BOEM09	Fish (Reef fish, tropical)
BOEM09	Fish (Coastal Pelagic)
BOEM09	Fish (Demersal East Coast)

## Potential Species Resource Group

- Fish (Groundfish West Coast)
- Fish (Coastal Pelagic)
- Fish (Highly Migratory Marine Species)
- Birds (Seabird)
- Marine Mammals (Cetaceans)
- Marine Mammals (Pinnipeds)
- Marine Mammals (Fissipeds)
- Benthic Invertebrates (mobile and sessile)
- Benthic Algae
- Rocky Intertidal Invertebrates (Mobile/Sessile)
- Rocky Intertidal (Algae)
- Fish (Estuarine/Coastal Marine)
- Birds (Estuarine/Coastal)
- Fish (Anadromous)
- Sea Turtle
- Fish (Reef fish, tropical)
- Hydrothermal Vent Species
- Marine Mammals (Sirenia)
- Birds (Waterfowl)
- Birds (Other)
- Deepwater Species
- Fish (Demersal East Coast)
- Fish (Freshwater Demersal)
- Fish (Freshwater Pelagic)
- Coastal Marine Reptile

# QAQC Report

These report data are accurate from:

Wednesday, November 21, 2012

## Biological Use Resource Groups

Site_ID	Attribute
BOEM0	Coral Reef (Temperate)
BOEM0	Endangered Species (ESA listed)

## Potential Biological Uses Resource Group

- Coral Reef (Tropical)
- Coral Reef (Temperate)
- Sea grass habitat
- Kelp and Algae
- Oyster/Shellfish beds
- Marine mammal haulout
- Bird nesting habitat
- Bird migratory area
- Essential fish habitat (EFH) conservation area
- Floating/ Docked Historic Vessel
- Archaeological Site (shipwreck)
- Site of Cultural Significance
- Tribal use of Accustomed Areas
- Historical Structures
- Archaeological Site (aircraft)
- Archaeological Site (prehistoric)
- Traditional cultural property
- Site of traditional activities

## Present Cultural Resource Groups

No data found

## Present Management Activity Resource Group

Site_ID	Attribute
BOEM0	Biological Monitoring Program

## Potential Management Activity Resource Groups

- Tours and Docents
- Interpretive signage
- Science Center or Museum
- Volunteer Program
- Biological Monitoring Program
- Physical Monitoring Program

## Present Physical Resource Groups

Site_ID	Attribute
---------	-----------

BOEM0 CoralReef

BOEM0 CMECS (Oceanic)

## Potential Resource Group

- Beach
- Barrier Islands
- Islands
- Rocky Reefs
- Sand Dunes
- Seamounts/Pinnacles
- Submarine Canyons
- Wetlands/MudFlats
- Rivers/Streams
- Sea Grass
- Kelp Forest
- CoralReef
- Rock Intertidal
- Hydrothermal Vents/ Cold Seeps
- Upwelling Zones
- Transition Zones
- Oceanographic Fronts
- Oceanographic Gyres
- CMECS (Estuary)
- CMECS (Fresh Water Influenced)
- CMECS (Nearshore Marine)
- CMECS (Neritic)

**Site ID** BOEM10

**Site Name** Bush Hill: Chemosynthetic Community

**Site URL** <http://www.boemre.gov/eppd/sciences/esp/hydrates/bush-hill.htm>

**Program Authority** Outer Continental Shelf Lands Act, 43 U.S.C. §§ 1331

**Additional legal authority**

**Designation** Federal

**ManagmentType** Conservation Area

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** TITLE 30--Mineral Resources  
CHAPTER II--BUREAU OF SAFETY AND ENVIRONMENTAL ENFORCEMENT,  
DEPARTMENT OF THE INTERIOR  
SUBCHAPTER B--OFFSHORE  
PART 250--OIL AND GAS AND SULPHUR OPERATIONS IN THE OUTER  
CONTINENTAL SHELF

**Notes**

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## Species Resource Groups Present

Site_ID	Attribute
BOEM10	Deepwater Species
BOEM10	Hydrothermal Vent Species

## Potential Species Resource Group

Fish (Groundfish West Coast)  
Fish (Coastal Pelagic)  
Fish (Highly Migratory Marine Species)  
Birds (Seabird)  
Marine Mammals (Cetaceans)  
Marine Mammals (Pinnipeds)  
Marine Mammals (Fissipeds)  
Benthic Invertebrates (mobile and sessile)  
Benthic Algae  
Rocky Intertidal Invertebrates (Mobile/Sessile)  
Rocky Intertidal (Algae)  
Fish (Estuarine/Coastal Marine)  
Birds (Estuarine/Coastal)  
Fish (Anadromous)  
Sea Turtle  
Fish (Reef fish, tropical)  
Hydrothermal Vent Species  
Marine Mammals (Sirenia)  
Birds (Waterfowl)  
Birds (Other)  
Deepwater Species  
Fish (Demersal East Coast)  
Fish (Freshwater Demersal)  
Fish (Freshwater Pelagic)  
Coastal Marine Reptile

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# QAQC Report

These report data are accurate from:

Wednesday, November 21, 2012

## Biological Use Resource Groups

Site_ID	Attribute
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BOEMI Endangered Species (ESA listed)

## Potential Biological Uses Resource Group

- Coral Reef (Tropical)
- Coral Reef (Temperate)
- Sea grass habitat
- Kelp and Algae
- Oyster/Shellfish beds
- Marine mammal haulout
- Bird nesting habitat
- Bird migratory area
- Essential fish habitat (EFH) conservation area
- Floating/ Docked Historic Vessel
- Archaeological Site (shipwreck)
- Site of Cultural Significance
- Tribal use of Accustomed Areas
- Historical Structures
- Archaeological Site (aircraft)
- Archaeological Site (prehistoric)
- Traditional cultural property
- Site of traditional activities

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## Present Cultural Resource Groups

No data found

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## Present Management Activity Resource Group

Site_ID	Attribute
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BOEMI Biological Monitoring Program

## Potential Management Activity Resource Groups

- Tours and Docents
  - Interpretive signage
  - Science Center or Museum
  - Volunteer Program
  - Biological Monitoring Program
  - Physical Monitoring Program
-

## Present Physical Resource Groups

Site_ID	Attribute
---------	-----------

BOEMI Hydrothermal Vents/ Cold Seeps

BOEMI CMECS (Oceanic)

## Potential Resource Group

- Beach
- Barrier Islands
- Islands
- Rocky Reefs
- Sand Dunes
- Seamounts/Pinnacles
- Submarine Canyons
- Wetlands/MudFlats
- Rivers/Streams
- Sea Grass
- Kelp Forest
- CoralReef
- Rock Intertidal
- Hydrothermal Vents/ Cold Seeps
- Upwelling Zones
- Transition Zones
- Oceanographic Fronts
- Oceanographic Gyres
- CMECS (Estuary)
- CMECS (Fresh Water Influenced)
- CMECS (Nearshore Marine)
- CMECS (Neritic)

**Site ID** BOEM11

**Site Name** GC 234: Chemosynthetic Community

**Site URL** [http://invertebrates.si.edu/boem/reports/CHEMO\\_voll.pdf](http://invertebrates.si.edu/boem/reports/CHEMO_voll.pdf)

**Program Authority** Outer Continental Shelf Lands Act, 43 U.S.C. §§ 1331

**Additional legal authority**

**Designation** Federal

**ManagmentType** Conservation Area

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** TITLE 30--Mineral Resources  
CHAPTER II--BUREAU OF SAFETY AND ENVIRONMENTAL ENFORCEMENT,  
DEPARTMENT OF THE INTERIOR  
SUBCHAPTER B--OFFSHORE  
PART 250--OIL AND GAS AND SULPHUR OPERATIONS IN THE OUTER  
CONTINENTAL SHELF

**Notes**

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## Species Resource Groups Present

Site_ID	Attribute
BOEM11	Hydrothermal Vent Species
BOEM11	Benthic Invertebrates (mobile and sessile)
BOEM11	Deepwater Species

## Potential Species Resource Group

Fish (Groundfish West Coast)  
Fish (Coastal Pelagic)  
Fish (Highly Migratory Marine Species)  
Birds (Seabird)  
Marine Mammals (Cetaceans)  
Marine Mammals (Pinnipeds)  
Marine Mammals (Fissipeds)  
Benthic Invertebrates (mobile and sessile)  
Benthic Algae  
Rocky Intertidal Invertebrates (Mobile/Sessile)  
Rocky Intertidal (Algae)  
Fish (Estuarine/Coastal Marine)  
Birds (Estuarine/Coastal)  
Fish (Anadromous)  
Sea Turtle  
Fish (Reef fish, tropical)  
Hydrothermal Vent Species  
Marine Mammals (Sirenia)  
Birds (Waterfowl)  
Birds (Other)  
Deepwater Species  
Fish (Demersal East Coast)  
Fish (Freshwater Demersal)  
Fish (Freshwater Pelagic)  
Coastal Marine Reptile

# QAQC Report

These report data are accurate from:

Wednesday, November 21, 2012

## Biological Use Resource Groups

Site_ID	Attribute
---------	-----------

BOEMI Endangered Species (ESA listed)

## Potential Biological Uses Resource Group

- Coral Reef (Tropical)
- Coral Reef (Temperate)
- Sea grass habitat
- Kelp and Algae
- Oyster/Shellfish beds
- Marine mammal haulout
- Bird nesting habitat
- Bird migratory area
- Essential fish habitat (EFH) conservation area
- Floating/ Docked Historic Vessel
- Archaeological Site (shipwreck)
- Site of Cultural Significance
- Tribal use of Accustomed Areas
- Historical Structures
- Archaeological Site (aircraft)
- Archaeological Site (prehistoric)
- Traditional cultural property
- Site of traditional activities

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## Present Cultural Resource Groups

No data found

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## Present Management Activity Resource Group

Site_ID	Attribute
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BOEMI Biological Monitoring Program

## Potential Management Activity Resource Groups

- Tours and Docents
  - Interpretive signage
  - Science Center or Museum
  - Volunteer Program
  - Biological Monitoring Program
  - Physical Monitoring Program
-

## Present Physical Resource Groups

Site_ID	Attribute
---------	-----------

BOEMI Hydrothermal Vents/ Cold Seeps

BOEMI CMECS (Oceanic)

## Potential Resource Group

- Beach
- Barrier Islands
- Islands
- Rocky Reefs
- Sand Dunes
- Seamounts/Pinnacles
- Submarine Canyons
- Wetlands/MudFlats
- Rivers/Streams
- Sea Grass
- Kelp Forest
- CoralReef
- Rock Intertidal
- Hydrothermal Vents/ Cold Seeps
- Upwelling Zones
- Transition Zones
- Oceanographic Fronts
- Oceanographic Gyres
- CMECS (Estuary)
- CMECS (Fresh Water Influenced)
- CMECS (Nearshore Marine)
- CMECS (Neritic)

**Site ID** BOEM12

**Site Name** GC 233: Brine Pool Chemosynthetic Community

**Site URL** [http://invertebrates.si.edu/boem/reports/CHEMO\\_voll.pdf](http://invertebrates.si.edu/boem/reports/CHEMO_voll.pdf)

**Program Authority** Outer Continental Shelf Lands Act, 43 U.S.C. §§ 1331

**Additional legal authority**

**Designation** Federal

**ManagmentType** Conservation Area

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** TITLE 30--Mineral Resources  
CHAPTER II--BUREAU OF SAFETY AND ENVIRONMENTAL ENFORCEMENT,  
DEPARTMENT OF THE INTERIOR  
SUBCHAPTER B--OFFSHORE  
PART 250--OIL AND GAS AND SULPHUR OPERATIONS IN THE OUTER  
CONTINENTAL SHELF

**Notes**

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# QAQC Report

These report data are accurate from:

Wednesday, November 21, 2012

## Species Resource Groups Present

Site_ID	Attribute
BOEM12	Benthic Invertebrates (mobile and sessile)
BOEM12	Deepwater Species
BOEM12	Hydrothermal Vent Species

## Potential Species Resource Group

- Fish (Groundfish West Coast)
- Fish (Coastal Pelagic)
- Fish (Highly Migratory Marine Species)
- Birds (Seabird)
- Marine Mammals (Cetaceans)
- Marine Mammals (Pinnipeds)
- Marine Mammals (Fissipeds)
- Benthic Invertebrates (mobile and sessile)
- Benthic Algae
- Rocky Intertidal Invertebrates (Mobile/Sessile)
- Rocky Intertidal (Algae)
- Fish (Estuarine/Coastal Marine)
- Birds (Estuarine/Coastal)
- Fish (Anadromous)
- Sea Turtle
- Fish (Reef fish, tropical)
- Hydrothermal Vent Species
- Marine Mammals (Sirenia)
- Birds (Waterfowl)
- Birds (Other)
- Deepwater Species
- Fish (Demersal East Coast)
- Fish (Freshwater Demersal)
- Fish (Freshwater Pelagic)
- Coastal Marine Reptile

# QAQC Report

These report data are accurate from:

Wednesday, November 21, 2012

## Biological Use Resource Groups

Site_ID	Attribute
---------	-----------

BOEMI Endangered Species (ESA listed)

## Potential Biological Uses Resource Group

- Coral Reef (Tropical)
- Coral Reef (Temperate)
- Sea grass habitat
- Kelp and Algae
- Oyster/Shellfish beds
- Marine mammal haulout
- Bird nesting habitat
- Bird migratory area
- Essential fish habitat (EFH) conservation area
- Floating/ Docked Historic Vessel
- Archaeological Site (shipwreck)
- Site of Cultural Significance
- Tribal use of Accustomed Areas
- Historical Structures
- Archaeological Site (aircraft)
- Archaeological Site (prehistoric)
- Traditional cultural property
- Site of traditional activities

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## Present Cultural Resource Groups

No data found

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## Present Management Activity Resource Group

Site_ID	Attribute
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BOEMI Biological Monitoring Program

## Potential Management Activity Resource Groups

- Tours and Docents
  - Interpretive signage
  - Science Center or Museum
  - Volunteer Program
  - Biological Monitoring Program
  - Physical Monitoring Program
-

## Present Physical Resource Groups

Site_ID	Attribute
---------	-----------

BOEMI Hydrothermal Vents/ Cold Seeps

BOEMI CMECS (Oceanic)

## Potential Resource Group

- Beach
- Barrier Islands
- Islands
- Rocky Reefs
- Sand Dunes
- Seamounts/Pinnacles
- Submarine Canyons
- Wetlands/MudFlats
- Rivers/Streams
- Sea Grass
- Kelp Forest
- CoralReef
- Rock Intertidal
- Hydrothermal Vents/ Cold Seeps
- Upwelling Zones
- Transition Zones
- Oceanographic Fronts
- Oceanographic Gyres
- CMECS (Estuary)
- CMECS (Fresh Water Influenced)
- CMECS (Nearshore Marine)
- CMECS (Neritic)

**Site ID** BOEM13

**Site Name** U-166 and Robert E. Lee Battle Site

**Site URL** <http://www.data.boem.gov/PI/PDFImages/ESPIS/4/4239.pdf>

**Program Authority** National Historic Preservation Act

**Additional legal authority**

**Designation** Federal

**ManagmentType** Shipwreck Preserve

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** The National Historic Preservation Act of 1966, As Amended

**Notes**

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## Species Resource Groups Present

Site_ID	Attribute
BOEM13	Benthic Invertebrates (mobile and sessile)
BOEM13	Deepwater Species
BOEM13	Fish (Demersal East Coast)

## Potential Species Resource Group

- Fish (Groundfish West Coast)
- Fish (Coastal Pelagic)
- Fish (Highly Migratory Marine Species)
- Birds (Seabird)
- Marine Mammals (Cetaceans)
- Marine Mammals (Pinnipeds)
- Marine Mammals (Fissipeds)
- Benthic Invertebrates (mobile and sessile)
- Benthic Algae
- Rocky Intertidal Invertebrates (Mobile/Sessile)
- Rocky Intertidal (Algae)
- Fish (Estuarine/Coastal Marine)
- Birds (Estuarine/Coastal)
- Fish (Anadromous)
- Sea Turtle
- Fish (Reef fish, tropical)
- Hydrothermal Vent Species
- Marine Mammals (Sirenia)
- Birds (Waterfowl)
- Birds (Other)
- Deepwater Species
- Fish (Demersal East Coast)
- Fish (Freshwater Demersal)
- Fish (Freshwater Pelagic)
- Coastal Marine Reptile

Biological Use Resource Groups

No data found

Potential Biological Uses Resource Group

- Coral Reef (Tropical)
- Coral Reef (Temperate)
- Sea grass habitat
- Kelp and Algae
- Oyster/Shellfish beds
- Marine mammal haulout
- Bird nesting habitat
- Bird migratory area
- Essential fish habitat (EFH) conservation area
- Floating/ Docked Historic Vessel
- Archaeological Site (shipwreck)
- Site of Cultural Significance
- Tribal use of Accustomed Areas
- Historical Structures
- Archaeological Site (aircraft)
- Archaeological Site (prehistoric)
- Traditional cultural property
- Site of traditional activities

Present Cultural Resource Groups

No data found

Present Management Activity Resource Group

Site_ID	Attribute
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BOEMI Biological Monitoring Program

Potential Management Activity Resource Groups

- Tours and Docents
- Interpretive signage
- Science Center or Museum
- Volunteer Program
- Biological Monitoring Program
- Physical Monitoring Program

## Present Physical Resource Groups

Site_ID	Attribute
---------	-----------

BOEMI CMECS (Oceanic)

## Potential Resource Group

- Beach
- Barrier Islands
- Islands
- Rocky Reefs
- Sand Dunes
- Seamounts/Pinnacles
- Submarine Canyons
- Wetlands/MudFlats
- Rivers/Streams
- Sea Grass
- Kelp Forest
- CoralReef
- Rock Intertidal
- Hydrothermal Vents/ Cold Seeps
- Upwelling Zones
- Transition Zones
- Oceanographic Fronts
- Oceanographic Gyres
- CMECS (Estuary)
- CMECS (Fresh Water Influenced)
- CMECS (Nearshore Marine)
- CMECS (Neritic)

**Site ID** BOEM14

**Site Name** USS Hatteras

**Site URL** <http://widgets.gbif.org/pa/area/312197/taxonomy/1939/3407/11>

**Program Authority** US Navy

**Additional legal authority**

**Designation** Federal

**ManagmentType** Conservation Area

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Owned by the US navy

**Notes**

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## Species Resource Groups Present

Site_ID	Attribute
BOEM14	Fish (Estuarine/Coastal Marine)
BOEM14	Fish (Coastal Pelagic)
BOEM14	Fish (Highly Migratory Marine Species)
BOEM14	Fish (Reef fish, tropical)
BOEM14	Fish (Demersal East Coast)

## Potential Species Resource Group

- Fish (Groundfish West Coast)
- Fish (Coastal Pelagic)
- Fish (Highly Migratory Marine Species)
- Birds (Seabird)
- Marine Mammals (Cetaceans)
- Marine Mammals (Pinnipeds)
- Marine Mammals (Fissipeds)
- Benthic Invertebrates (mobile and sessile)
- Benthic Algae
- Rocky Intertidal Invertebrates (Mobile/Sessile)
- Rocky Intertidal (Algae)
- Fish (Estuarine/Coastal Marine)
- Birds (Estuarine/Coastal)
- Fish (Anadromous)
- Sea Turtle
- Fish (Reef fish, tropical)
- Hydrothermal Vent Species
- Marine Mammals (Sirenia)
- Birds (Waterfowl)
- Birds (Other)
- Deepwater Species
- Fish (Demersal East Coast)
- Fish (Freshwater Demersal)
- Fish (Freshwater Pelagic)
- Coastal Marine Reptile

Biological Use Resource Groups

No data found

Potential Biological Uses Resource Group

- Coral Reef (Tropical)
- Coral Reef (Temperate)
- Sea grass habitat
- Kelp and Algae
- Oyster/Shellfish beds
- Marine mammal haulout
- Bird nesting habitat
- Bird migratory area
- Essential fish habitat (EFH) conservation area

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Present Cultural Resource Groups

No data found

- Floating/ Docked Historic Vessel
- Archaeological Site (shipwreck)
- Site of Cultural Significance
- Tribal use of Accustomed Areas
- Historical Structures
- Archaeological Site (aircraft)
- Archaeological Site (prehistoric)
- Traditional cultural property
- Site of traditional activities

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Present Management Activity Resource Group

No data found

Potential Management Activity Resource Groups

- Tours and Docents
  - Interpretive signage
  - Science Center or Museum
  - Volunteer Program
  - Biological Monitoring Program
  - Physical Monitoring Program
-

## Present Physical Resource Groups

Site_ID	Attribute
---------	-----------

BOEMI CMECS (Oceanic)

## Potential Resource Group

- Beach
- Barrier Islands
- Islands
- Rocky Reefs
- Sand Dunes
- Seamounts/Pinnacles
- Submarine Canyons
- Wetlands/MudFlats
- Rivers/Streams
- Sea Grass
- Kelp Forest
- CoralReef
- Rock Intertidal
- Hydrothermal Vents/ Cold Seeps
- Upwelling Zones
- Transition Zones
- Oceanographic Fronts
- Oceanographic Gyres
- CMECS (Estuary)
- CMECS (Fresh Water Influenced)
- CMECS (Nearshore Marine)
- CMECS (Neritic)

**Site ID** BOEM15

**Site Name** SS GulfPenn

**Site URL** <http://www.data.boem.gov/PI/PDFImages/ESPIS/4/4239.pdf>

**Program Authority** National Historic Preservation Act

**Additional legal authority**

**Designation** Federal

**ManagmentType** Shipwreck Preserve

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** The National Historic Preservation Act of 1966, As Amended

**Notes**

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## Species Resource Groups Present

Site_ID	Attribute
BOEM15	Deepwater Species
BOEM15	Fish (Demersal East Coast)
BOEM15	Benthic Invertebrates (mobile and sessile)
BOEM15	Fish (Reef fish, tropical)

## Potential Species Resource Group

- Fish (Groundfish West Coast)
- Fish (Coastal Pelagic)
- Fish (Highly Migratory Marine Species)
- Birds (Seabird)
- Marine Mammals (Cetaceans)
- Marine Mammals (Pinnipeds)
- Marine Mammals (Fissipeds)
- Benthic Invertebrates (mobile and sessile)
- Benthic Algae
- Rocky Intertidal Invertebrates (Mobile/Sessile)
- Rocky Intertidal (Algae)
- Fish (Estuarine/Coastal Marine)
- Birds (Estuarine/Coastal)
- Fish (Anadromous)
- Sea Turtle
- Fish (Reef fish, tropical)
- Hydrothermal Vent Species
- Marine Mammals (Sirenia)
- Birds (Waterfowl)
- Birds (Other)
- Deepwater Species
- Fish (Demersal East Coast)
- Fish (Freshwater Demersal)
- Fish (Freshwater Pelagic)
- Coastal Marine Reptile

# QAQC Report

These report data are accurate from:

Wednesday, November 21, 2012

## Biological Use Resource Groups

Site_ID	Attribute
BOEMI	Coral Reef (Temperate)
BOEMI	Endangered Species (ESA listed)

## Potential Biological Uses Resource Group

- Coral Reef (Tropical)
- Coral Reef (Temperate)
- Sea grass habitat
- Kelp and Algae
- Oyster/Shellfish beds
- Marine mammal haulout
- Bird nesting habitat
- Bird migratory area
- Essential fish habitat (EFH) conservation area
- Floating/ Docked Historic Vessel
- Archaeological Site (shipwreck)
- Site of Cultural Significance
- Tribal use of Accustomed Areas
- Historical Structures
- Archaeological Site (aircraft)
- Archaeological Site (prehistoric)
- Traditional cultural property
- Site of traditional activities

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## Present Cultural Resource Groups

No data found

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## Present Management Activity Resource Group

Site_ID	Attribute
BOEMI	Biological Monitoring Program

## Potential Management Activity Resource Groups

- Tours and Docents
  - Interpretive signage
  - Science Center or Museum
  - Volunteer Program
  - Biological Monitoring Program
  - Physical Monitoring Program
-

## Present Physical Resource Groups

Site_ID	Attribute
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BOEMI CoralReef

BOEMI CMECS (Oceanic)

## Potential Resource Group

- Beach
- Barrier Islands
- Islands
- Rocky Reefs
- Sand Dunes
- Seamounts/Pinnacles
- Submarine Canyons
- Wetlands/MudFlats
- Rivers/Streams
- Sea Grass
- Kelp Forest
- CoralReef
- Rock Intertidal
- Hydrothermal Vents/ Cold Seeps
- Upwelling Zones
- Transition Zones
- Oceanographic Fronts
- Oceanographic Gyres
- CMECS (Estuary)
- CMECS (Fresh Water Influenced)
- CMECS (Nearshore Marine)
- CMECS (Neritic)

**Site ID** BOEM16

**Site Name** Western Empire

**Site URL** <http://www.gomr.boemre.gov/homepg/whatsnew/newsreal/2003/030206.html>

**Program Authority** National Historic Preservation Act

**Additional legal authority**

**Designation** Federal

**ManagmentType** Shipwreck Preserve

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** The National Historic Preservation Act of 1966, As Amended

**Notes**

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## Species Resource Groups Present

Site_ID	Attribute
BOEM16	Deepwater Species
BOEM16	Fish (Demersal East Coast)
BOEM16	Benthic Invertebrates (mobile and sessile)
BOEM16	Fish (Reef fish, tropical)

## Potential Species Resource Group

- Fish (Groundfish West Coast)
- Fish (Coastal Pelagic)
- Fish (Highly Migratory Marine Species)
- Birds (Seabird)
- Marine Mammals (Cetaceans)
- Marine Mammals (Pinnipeds)
- Marine Mammals (Fissipeds)
- Benthic Invertebrates (mobile and sessile)
- Benthic Algae
- Rocky Intertidal Invertebrates (Mobile/Sessile)
- Rocky Intertidal (Algae)
- Fish (Estuarine/Coastal Marine)
- Birds (Estuarine/Coastal)
- Fish (Anadromous)
- Sea Turtle
- Fish (Reef fish, tropical)
- Hydrothermal Vent Species
- Marine Mammals (Sirenia)
- Birds (Waterfowl)
- Birds (Other)
- Deepwater Species
- Fish (Demersal East Coast)
- Fish (Freshwater Demersal)
- Fish (Freshwater Pelagic)
- Coastal Marine Reptile

Biological Use Resource Groups

No data found

Potential Biological Uses Resource Group

- Coral Reef (Tropical)
- Coral Reef (Temperate)
- Sea grass habitat
- Kelp and Algae
- Oyster/Shellfish beds
- Marine mammal haulout
- Bird nesting habitat
- Bird migratory area
- Essential fish habitat (EFH) conservation area

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Present Cultural Resource Groups

No data found

- Floating/ Docked Historic Vessel
- Archaeological Site (shipwreck)
- Site of Cultural Significance
- Tribal use of Accustomed Areas
- Historical Structures
- Archaeological Site (aircraft)
- Archaeological Site (prehistoric)
- Traditional cultural property
- Site of traditional activities

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Present Management Activity Resource Group

No data found

Potential Management Activity Resource Groups

- Tours and Docents
  - Interpretive signage
  - Science Center or Museum
  - Volunteer Program
  - Biological Monitoring Program
  - Physical Monitoring Program
-

## Present Physical Resource Groups

Site_ID	Attribute
---------	-----------

BOEMI CMECS (Oceanic)

## Potential Resource Group

- Beach
- Barrier Islands
- Islands
- Rocky Reefs
- Sand Dunes
- Seamounts/Pinnacles
- Submarine Canyons
- Wetlands/MudFlats
- Rivers/Streams
- Sea Grass
- Kelp Forest
- CoralReef
- Rock Intertidal
- Hydrothermal Vents/ Cold Seeps
- Upwelling Zones
- Transition Zones
- Oceanographic Fronts
- Oceanographic Gyres
- CMECS (Estuary)
- CMECS (Fresh Water Influenced)
- CMECS (Nearshore Marine)
- CMECS (Neritic)

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**Site ID** BOEM17

**Site Name** Anona

**Site URL** <http://widgets.gbif.org/pa/#!/area/312202>

**Program Authority** National Historic Preservation Act

**Additional legal authority**

**Designation** Federal

**ManagmentType** Shipwreck Preserve

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** The National Historic Preservation Act of 1966, As Amended

**Notes**

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# QAQC Report

These report data are accurate from:

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## Species Resource Groups Present

Site_ID	Attribute
BOEM17	Birds (Seabird)
BOEM17	Fish (Highly Migratory Marine Species)
BOEM17	Benthic Invertebrates (mobile and sessile)

## Potential Species Resource Group

- Fish (Groundfish West Coast)
- Fish (Coastal Pelagic)
- Fish (Highly Migratory Marine Species)
- Birds (Seabird)
- Marine Mammals (Cetaceans)
- Marine Mammals (Pinnipeds)
- Marine Mammals (Fissipeds)
- Benthic Invertebrates (mobile and sessile)
- Benthic Algae
- Rocky Intertidal Invertebrates (Mobile/Sessile)
- Rocky Intertidal (Algae)
- Fish (Estuarine/Coastal Marine)
- Birds (Estuarine/Coastal)
- Fish (Anadromous)
- Sea Turtle
- Fish (Reef fish, tropical)
- Hydrothermal Vent Species
- Marine Mammals (Sirenia)
- Birds (Waterfowl)
- Birds (Other)
- Deepwater Species
- Fish (Demersal East Coast)
- Fish (Freshwater Demersal)
- Fish (Freshwater Pelagic)
- Coastal Marine Reptile

# QAQC Report

These report data are accurate from:

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## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Group

- Coral Reef (Tropical)
- Coral Reef (Temperate)
- Sea grass habitat
- Kelp and Algae
- Oyster/Shellfish beds
- Marine mammal haulout
- Bird nesting habitat
- Bird migratory area
- Essential fish habitat (EFH) conservation area

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## Present Cultural Resource Groups

No data found

- Floating/ Docked Historic Vessel
- Archaeological Site (shipwreck)
- Site of Cultural Significance
- Tribal use of Accustomed Areas
- Historical Structures
- Archaeological Site (aircraft)
- Archaeological Site (prehistoric)
- Traditional cultural property
- Site of traditional activities

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## Present Management Activity Resource Group

Site\_ID Attribute

BOEMI Biological Monitoring Program

## Potential Management Activity Resource Groups

- Tours and Docents
- Interpretive signage
- Science Center or Museum
- Volunteer Program
- Biological Monitoring Program
- Physical Monitoring Program

## Present Physical Resource Groups

Site_ID	Attribute
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BOEMI CMECS (Neritic)

## Potential Resource Group

- Beach
- Barrier Islands
- Islands
- Rocky Reefs
- Sand Dunes
- Seamounts/Pinnacles
- Submarine Canyons
- Wetlands/MudFlats
- Rivers/Streams
- Sea Grass
- Kelp Forest
- CoralReef
- Rock Intertidal
- Hydrothermal Vents/ Cold Seeps
- Upwelling Zones
- Transition Zones
- Oceanographic Fronts
- Oceanographic Gyres
- CMECS (Estuary)
- CMECS (Fresh Water Influenced)
- CMECS (Nearshore Marine)
- CMECS (Neritic)

**Site ID** BOEM18

**Site Name** Santa Barbara Channel Ecological Preserve & Buffer

**Site URL** [http://www.boemre.gov/Id/XMLmetadata/pc\\_eco.htm#5](http://www.boemre.gov/Id/XMLmetadata/pc_eco.htm#5)

**Program Authority** Public Land Order 4587

**Additional legal authority** Submerged Lands Act

**Designation** Federal

**ManagmentType** Marine Preserve

**AllowedUses** n/a

**Authority Provided** Program

**Legal Code Reference** 30 Code of Federal Regulations (CFR) 256.8

**Notes** BOEM Drilling Zones

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## QAQC Report

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Species Resource Groups Present

No data found

Potential Species Resource Group

Fish (Groundfish West Coast)  
Fish (Coastal Pelagic)  
Fish (Highly Migratory Marine Species)  
Birds (Seabird)  
Marine Mammals (Cetaceans)  
Marine Mammals (Pinnipeds)  
Marine Mammals (Fissipeds)  
Benthic Invertebrates (mobile and sessile)  
Benthic Algae  
Rocky Intertidal Invertebrates (Mobile/Sessile)  
Rocky Intertidal (Algae)  
Fish (Estuarine/Coastal Marine)  
Birds (Estuarine/Coastal)  
Fish (Anadromous)  
Sea Turtle  
Fish (Reef fish, tropical)  
Hydrothermal Vent Species  
Marine Mammals (Sirenia)  
Birds (Waterfowl)  
Birds (Other)  
Deepwater Species  
Fish (Demersal East Coast)  
Fish (Freshwater Demersal)  
Fish (Freshwater Pelagic)  
Coastal Marine Reptile

Biological Use Resource Groups

No data found

Potential Biological Uses Resource Group

- Coral Reef (Tropical)
- Coral Reef (Temperate)
- Sea grass habitat
- Kelp and Algae
- Oyster/Shellfish beds
- Marine mammal haulout
- Bird nesting habitat
- Bird migratory area
- Essential fish habitat (EFH) conservation area

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Present Cultural Resource Groups

No data found

- Floating/ Docked Historic Vessel
- Archaeological Site (shipwreck)
- Site of Cultural Significance
- Tribal use of Accustomed Areas
- Historical Structures
- Archaeological Site (aircraft)
- Archaeological Site (prehistoric)
- Traditional cultural property
- Site of traditional activities

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Present Management Activity Resource Group

No data found

Potential Management Activity Resource Groups

- Tours and Docents
  - Interpretive signage
  - Science Center or Museum
  - Volunteer Program
  - Biological Monitoring Program
  - Physical Monitoring Program
-

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Present Physical Resource Groups

No data found

### Potential Resource Group

Beach  
Barrier Islands  
Islands  
Rocky Reefs  
Sand Dunes  
Seamounts/Pinnacles  
Submarine Canyons  
Wetlands/MudFlats  
Rivers/Streams  
Sea Grass  
Kelp Forest  
CoralReef  
Rock Intertidal  
Hydrothermal Vents/ Cold Seeps  
Upwelling Zones  
Transition Zones  
Oceanographic Fronts  
Oceanographic Gyres  
CMECS (Estuary)  
CMECS (Fresh Water Influenced)  
CMECS (Nearshore Marine)  
CMECS (Neritic)