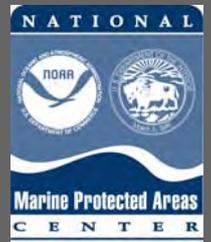


# Improving the MPA Inventory

## Fact Checking for New Natural and Cultural Resource Information for the Marine Protected Areas Inventory



### QAQC Report

These report data are accurate from:

Friday, January 25, 2013

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**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA058

**Site Name** Albert Gallatin Exempt Site

**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-alga.htm>

**Program Authority** Coastal Zone Management Act

#### Additional legal authority

**Designation** State

**ManagementType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Massachusetts General Law Chapter 6, sections 179-180, and Chapter 91, section 63

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

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## Species Resource Groups Present

Site_ID	Attribute
MA058	Benthic Invertebrates (mobile and sessile)

## Potential Species Resource Groups

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:

Friday, January 25, 2013

## Present Physical Resource Groups

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

MA058 CMECS (Neritic)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

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## Present Cultural Resource Groups

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

MA058 Archaeological Site (shipwreck)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA059

**Site Name** Alice M. Colburn Exempt Site

**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-amc.htm>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Massachusetts General Law Chapter 6, sections 179-180, and Chapter 91, section 63

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

## Species Resource Groups Present

No data found

## Potential Species Resource Groups

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:

Friday, January 25, 2013

## Present Physical Resource Groups

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

MA059 CMECS (Neritic)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Present Cultural Resource Groups

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

MA059 Archaeological Site (shipwreck)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA060

**Site Name** Alice M. Lawrence Exempt Site

**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-aml.htm>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Massachusetts General Law Chapter 6, sections 179-180, and Chapter 91, section 63

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

## Species Resource Groups Present

No data found

## Potential Species Resource Groups

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:

Friday, January 25, 2013

## Present Physical Resource Groups

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

MA060 CMECS (Neritic)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

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## Present Cultural Resource Groups

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

MA060 Archaeological Site (shipwreck)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA06I

**Site Name** Ardandhu Exempt Site

**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-arda.htm>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Massachusetts General Law Chapter 6, sections 179-180, and Chapter 91, section 63

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

## Species Resource Groups Present

No data found

## Potential Species Resource Groups

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:

Friday, January 25, 2013

## Present Physical Resource Groups

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

MA061 CMECS (Nearshore Marine)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

## QAQC Report

These report data are accurate from:

Friday, January 25, 2013

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### Present Cultural Resource Groups

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

MA061 Archaeological Site (shipwreck)

### Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA062

**Site Name** Barge and Crane Exempt Site

**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-b-c.htm>

**Program Authority** Coastal Zone Management Act

#### Additional legal authority

**Designation** State

**ManagmentType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Massachusetts General Law Chapter 6, sections 179-180, and Chapter 91, section 63

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

## Species Resource Groups Present

No data found

## Potential Species Resource Groups

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:

Friday, January 25, 2013

## Present Physical Resource Groups

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

MA062 CMECS (Neritic)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

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## Present Cultural Resource Groups

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

MA062 Archaeological Site (shipwreck)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA063

**Site Name** California Exempt Site

**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-calif.htm>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Massachusetts General Law Chapter 6, sections 179-180, and Chapter 91, section 63

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

## Species Resource Groups Present

No data found

## Potential Species Resource Groups

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:

Friday, January 25, 2013

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## Present Physical Resource Groups

Site_ID	Attribute
MA063	CMECS (Neritic)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

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## Present Cultural Resource Groups

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

MA063 Archaeological Site (shipwreck)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA064

**Site Name** Charles S. Haight Exempt Site

**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-csh.htm>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Massachusetts General Law Chapter 6, sections 179-180, and Chapter 91, section 63

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

## Species Resource Groups Present

No data found

## Potential Species Resource Groups

- 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:

Friday, January 25, 2013

## Present Physical Resource Groups

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

MA064 CMECS (Neritic)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

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## Present Cultural Resource Groups

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

MA064 Archaeological Site (shipwreck)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA065

**Site Name** Chester A. Poling Exempt Site

**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-cap.htm>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Massachusetts General Law Chapter 6, sections 179-180, and Chapter 91, section 63

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

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## Species Resource Groups Present

Site_ID	Attribute
MA065	Benthic Invertebrates (mobile and sessile)

## Potential Species Resource Groups

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:

Friday, January 25, 2013

## Present Physical Resource Groups

Site_ID	Attribute
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MA065 CMECS (Neritic)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

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## Present Cultural Resource Groups

Site_ID	Attribute
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MA065 Archaeological Site (shipwreck)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA066

**Site Name** Chelsea Exempt Site

**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-chels.htm>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Massachusetts General Law Chapter 6, sections 179-180, and Chapter 91, section 63

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

## Species Resource Groups Present

No data found

## Potential Species Resource Groups

- 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:

Friday, January 25, 2013

## Present Physical Resource Groups

Site_ID	Attribute
MA066	CMECS (Neritic)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Present Cultural Resource Groups

Site_ID	Attribute
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MA066 Archaeological Site (shipwreck)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA067

**Site Name** City of Salisbury Exempt Site

**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-citys.htm>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Massachusetts General Law Chapter 6, sections 179-180, and Chapter 91, section 63

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

## Species Resource Groups Present

No data found

## Potential Species Resource Groups

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:

Friday, January 25, 2013

## Present Physical Resource Groups

Site_ID	Attribute
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MA067 CMECS (Neritic)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Present Cultural Resource Groups

Site_ID	Attribute
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MA067 Archaeological Site (shipwreck)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA068

**Site Name** Corvan Exempt Site

**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-corvan.htm>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Massachusetts General Law Chapter 6, sections 179-180, and Chapter 91, section 63

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

Species Resource Groups Present

No data found

Potential Species Resource Groups

- 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:

Friday, January 25, 2013

## Present Physical Resource Groups

Site_ID	Attribute
MA068	CMECS (Neritic)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

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## Present Cultural Resource Groups

Site_ID	Attribute
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MA068 Archaeological Site (shipwreck)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA069

**Site Name** Dixie Sword Exempt Site

**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-dixsw.htm>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Massachusetts General Law Chapter 6, sections 179-180, and Chapter 91, section 63

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

## Species Resource Groups Present

No data found

## Potential Species Resource Groups

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:

Friday, January 25, 2013

## Present Physical Resource Groups

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

MA069 CMECS (Neritic)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Present Cultural Resource Groups

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

MA069 Archaeological Site (shipwreck)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA070

**Site Name** Edward Rich Exempt Site

**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-edric.htm>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Massachusetts General Law Chapter 6, sections 179-180, and Chapter 91, section 63

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

## Species Resource Groups Present

No data found

## Potential Species Resource Groups

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:

Friday, January 25, 2013

## Present Physical Resource Groups

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

MA070 CMECS (Neritic)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Present Cultural Resource Groups

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

MA070 Archaeological Site (shipwreck)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA07I

**Site Name** Henry Endicott Exempt Site

**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-henen.htm>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Massachusetts General Law Chapter 6, sections 179-180, and Chapter 91, section 63

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

## Species Resource Groups Present

No data found

## Potential Species Resource Groups

- 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:

Friday, January 25, 2013

## Present Physical Resource Groups

Site_ID	Attribute
MA071	CMECS (Neritic)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

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## Present Cultural Resource Groups

Site_ID	Attribute
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MA071 Archaeological Site (shipwreck)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA072

**Site Name** Herbert Exempt Site

**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-herb.htm>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Massachusetts General Law Chapter 6, sections 179-180, and Chapter 91, section 63

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

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## Species Resource Groups Present

Site_ID	Attribute
MA072	Benthic Invertebrates (mobile and sessile)

## Potential Species Resource Groups

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:

Friday, January 25, 2013

## Present Physical Resource Groups

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

MA072 CMECS (Neritic)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

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## Present Cultural Resource Groups

Site_ID	Attribute
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MA072 Archaeological Site (shipwreck)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA073

**Site Name** Herman Winter Exempt Site

**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-hw.htm>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Massachusetts General Law Chapter 6, sections 179-180, and Chapter 91, section 63

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

## Species Resource Groups Present

No data found

## Potential Species Resource Groups

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:

Friday, January 25, 2013

## Present Physical Resource Groups

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

MA073 CMECS (Neritic)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

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## Present Cultural Resource Groups

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

MA073 Archaeological Site (shipwreck)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA074

**Site Name** Hilda Garston Exempt Site

**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-hilda.htm>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Massachusetts General Law Chapter 6, sections 179-180, and Chapter 91, section 63

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Species Resource Groups Present

Site_ID	Attribute
MA074	Benthic Invertebrates (mobile and sessile)

## Potential Species Resource Groups

- 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:

Friday, January 25, 2013

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### Present Physical Resource Groups

Site_ID	Attribute
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MA074 CMECS (Neritic)

### Biological Use Resource Groups

Site_ID	Attribute
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MA074 Oyster/Shellfish beds

### Potential Resource Groups

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

### Potential Biological Uses Resource Groups

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  
Nursery grounds  
Marine Mammal Breeding area  
Endangered Species (ESA listed)  
Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

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## Present Cultural Resource Groups

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

MA074 Archaeological Site (shipwreck)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA075

**Site Name** James S. Longstreet Exempt Site

**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-jl.htm>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Massachusetts General Law Chapter 6, sections 179-180, and Chapter 91, section 63

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

## Species Resource Groups Present

No data found

## Potential Species Resource Groups

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:

Friday, January 25, 2013

## Present Physical Resource Groups

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

MA075 CMECS (Neritic)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

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## Present Cultural Resource Groups

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

MA075 Archaeological Site (shipwreck)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA076

**Site Name** John Dwight Exempt Site

**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-jd.htm>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagementType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Massachusetts General Law Chapter 6, sections 179-180, and Chapter 91, section 63

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

## Species Resource Groups Present

No data found

## Potential Species Resource Groups

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:

Friday, January 25, 2013

## Present Physical Resource Groups

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

MA076 CMECS (Neritic)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

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## Present Cultural Resource Groups

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

MA076 Archaeological Site (shipwreck)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA077

**Site Name** Kershaw Exempt Site

**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-kersh.htm>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Massachusetts General Law Chapter 6, sections 179-180, and Chapter 91, section 63

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

# QAQC Report

These report data are accurate from:

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## Species Resource Groups Present

Site_ID	Attribute
MA077	Fish (Demersal East Coast)

## Potential Species Resource Groups

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:

Friday, January 25, 2013

## Present Physical Resource Groups

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

MA077 CMECS (Neritic)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

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## Present Cultural Resource Groups

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

MA077 Archaeological Site (shipwreck)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA078

**Site Name** Kiowa Exempt Site

**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-kiowa.htm>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Massachusetts General Law Chapter 6, sections 179-180, and Chapter 91, section 63

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Species Resource Groups Present

Site_ID	Attribute
MA078	Fish (Demersal East Coast)

## Potential Species Resource Groups

- 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:

Friday, January 25, 2013

## Present Physical Resource Groups

Site_ID	Attribute
MA078	CMECS (Neritic)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Present Cultural Resource Groups

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

MA078 Archaeological Site (shipwreck)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA079

**Site Name** Lackawana Exempt Site

**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-lack.htm>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Massachusetts General Law Chapter 6, sections 179-180, and Chapter 91, section 63

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

## Species Resource Groups Present

No data found

## Potential Species Resource Groups

- 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:

Friday, January 25, 2013

## Present Physical Resource Groups

Site_ID	Attribute
MA079	CMECS (Neritic)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

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## Present Cultural Resource Groups

Site_ID	Attribute
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MA079 Archaeological Site (shipwreck)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA080

**Site Name** Lunet Exempt Site

**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-lunet.htm>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Massachusetts General Law Chapter 6, sections 179-180, and Chapter 91, section 63

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

## Species Resource Groups Present

No data found

## Potential Species Resource Groups

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:

Friday, January 25, 2013

## Present Physical Resource Groups

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

MA080 CMECS (Nearshore Marine)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

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## Present Cultural Resource Groups

Site_ID	Attribute
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MA080 Archaeological Site (shipwreck)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA08I

**Site Name** Mars Exempt Site

**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-mars.htm>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Massachusetts General Law Chapter 6, sections 179-180, and Chapter 91, section 63

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

## Species Resource Groups Present

No data found

## Potential Species Resource Groups

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

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## Present Physical Resource Groups

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

MA08I CMECS (Neritic)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

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## Present Cultural Resource Groups

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

MA081 Archaeological Site (shipwreck)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA082

**Site Name** Pemberton Exempt Site

**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-pemb.htm>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Massachusetts General Law Chapter 6, sections 179-180, and Chapter 91, section 63

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

## Species Resource Groups Present

No data found

## Potential Species Resource Groups

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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## Present Physical Resource Groups

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

MA082 CMECS (Neritic)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

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## Present Cultural Resource Groups

Site_ID	Attribute
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MA082 Archaeological Site (shipwreck)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA083

**Site Name** Pendleton Exempt Site

**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-pendleton.htm>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Massachusetts General Law Chapter 6, sections 179-180, and Chapter 91, section 63

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

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## Species Resource Groups Present

Site_ID	Attribute
MA083	Benthic Algae
MA083	Benthic Invertebrates (mobile and sessile)

## Potential Species Resource Groups

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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## Present Physical Resource Groups

Site_ID	Attribute
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MA083 CMECS (Nearshore Marine)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

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## Present Cultural Resource Groups

Site_ID	Attribute
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MA083 Archaeological Site (shipwreck)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA084

**Site Name** Pinthis Exempt Site

**Site URL** site under development

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Massachusetts General Law Chapter 6, sections 179-180, and Chapter 91, section 63

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

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## Species Resource Groups Present

Site_ID	Attribute
MA084	Benthic Invertebrates (mobile and sessile)
MA084	Benthic Algae
MA084	Fish (Demersal East Coast)

## Potential Species Resource Groups

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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### Present Physical Resource Groups

Site_ID	Attribute
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MA084 CMECS (Neritic)

### Potential Resource Groups

- 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

### Biological Use Resource Groups

No data found

### Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

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## Present Cultural Resource Groups

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

MA084 Archaeological Site (shipwreck)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA085

**Site Name** Port Hunter Exempt Site

**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-porth.htm>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Massachusetts General Law Chapter 6, sections 179-180, and Chapter 91, section 63

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

## Species Resource Groups Present

No data found

## Potential Species Resource Groups

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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## Present Physical Resource Groups

Site_ID	Attribute
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MA085 CMECS (Neritic)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

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## Present Cultural Resource Groups

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

MA085 Archaeological Site (shipwreck)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA086

**Site Name** Pottstown Exempt Site

**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-potts.htm>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Massachusetts General Law Chapter 6, sections 179-180, and Chapter 91, section 63

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

## Species Resource Groups Present

No data found

## Potential Species Resource Groups

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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## Present Physical Resource Groups

Site_ID	Attribute
MA086	CMECS (Neritic)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

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## Present Cultural Resource Groups

Site_ID	Attribute
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MA086 Archaeological Site (shipwreck)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA087

**Site Name** Romance Exempt Site

**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-roman.htm>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Massachusetts General Law Chapter 6, sections 179-180, and Chapter 91, section 63

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

## Species Resource Groups Present

No data found

## Potential Species Resource Groups

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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### Present Physical Resource Groups

Site_ID	Attribute
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MA087 CMECS (Neritic)

### Potential Resource Groups

- 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

### Biological Use Resource Groups

No data found

### Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

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These report data are accurate from:

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## Present Cultural Resource Groups

Site_ID	Attribute
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MA087 Archaeological Site (shipwreck)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA088

**Site Name** Seaconnet Exempt Site

**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-seaco.htm>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Massachusetts General Law Chapter 6, sections 179-180, and Chapter 91, section 63

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

## Species Resource Groups Present

No data found

## Potential Species Resource Groups

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:

Friday, January 25, 2013

## Present Physical Resource Groups

Site_ID	Attribute
MA088	CMECS (Neritic)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

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## Present Cultural Resource Groups

Site_ID	Attribute
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MA088 Archaeological Site (shipwreck)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA089

**Site Name** Trojan Exempt Site

**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-trojan.htm>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Massachusetts General Law Chapter 6, sections 179-180, and Chapter 91, section 63

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

## Species Resource Groups Present

No data found

## Potential Species Resource Groups

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:

Friday, January 25, 2013

## Present Physical Resource Groups

Site_ID	Attribute
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MA089 CMECS (Neritic)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Present Cultural Resource Groups

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

MA089 Archaeological Site (shipwreck)

## Present Management Activity Resource Groups

No data found

## Potential Cultural Resources Groups

- 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

## Potential Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources**Site ID** MA090**Site Name** U.S.S. Grouse Exempt Site**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-grouse.htm>**Program Authority** Coastal Zone Management Act**Additional legal authority****Designation** State**ManagementType** Exempt Shipwreck**AllowedUses** Habitat disturbance/removal**Authority Provided** Program**Legal Code Reference** federal Sunken Military Craft Act, 10 U.S.C. § 113 (2004), may apply to certain vessels on this list. This Act protects sunken U.S. military vessels, aircraft, and spacecraft, as well as the remains and personal effects of their crews from salvage, recovery, or other disturbance without authorization from the secretary of the military department concerned.**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

## Species Resource Groups Present

No data found

## Potential Species Resource Groups

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:

Friday, January 25, 2013

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## Present Physical Resource Groups

Site_ID	Attribute
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MA090 CMECS (Nearshore Marine)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Present Cultural Resource Groups

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

MA090 Archaeological Site (shipwreck)

## Present Management Activity Resource Groups

No data found

## Potential Cultural Resources Groups

- 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

## Potential Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources**Site ID** MA09I**Site Name** U.S.S. New Hampshire Exempt Site**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-hampshire.htm>**Program Authority** Coastal Zone Management Act**Additional legal authority****Designation** State**ManagementType** Exempt Shipwreck**AllowedUses** Habitat disturbance/removal**Authority Provided** Program**Legal Code Reference** federal Sunken Military Craft Act, 10 U.S.C. § 113 (2004), may apply to certain vessels on this list. This Act protects sunken U.S. military vessels, aircraft, and spacecraft, as well as the remains and personal effects of their crews from salvage, recovery, or other disturbance without authorization from the secretary of the military department concerned.**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

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## Species Resource Groups Present

Site_ID	Attribute
MA09I	Benthic Invertebrates (mobile and sessile)
MA09I	Benthic Algae

## Potential Species Resource Groups

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:

Friday, January 25, 2013

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### Present Physical Resource Groups

Site_ID	Attribute
MA09I	CMECS (Neritic)

### Potential Resource Groups

- 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

### Biological Use Resource Groups

No data found

### Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Present Cultural Resource Groups

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

MA091 Archaeological Site (shipwreck)

## Present Management Activity Resource Groups

No data found

## Potential Cultural Resources Groups

- 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

## Potential Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA092

**Site Name** U.S.S. Triana Exempt Site

**Site URL** site under development

**Program Authority** Coastal Zone Management Act

**Additional legal authority**

**Designation** State

**ManagementType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** federal Sunken Military Craft Act, 10 U.S.C. § 113 (2004), may apply to certain vessels on this list. This Act protects sunken U.S. military vessels, aircraft, and spacecraft, as well as the remains and personal effects of their crews from salvage, recovery, or other disturbance without authorization from the secretary of the military department concerned.

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

## Species Resource Groups Present

No data found

## Potential Species Resource Groups

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:

Friday, January 25, 2013

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## Present Physical Resource Groups

Site_ID	Attribute
MA092	CMECS (Neritic)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Present Cultural Resource Groups

Site_ID	Attribute
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MA092 Archaeological Site (shipwreck)

## Present Management Activity Resource Groups

No data found

## Potential Cultural Resources Groups

- 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

## Potential Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources**Site ID** MA093**Site Name** U.S.S. Yankee Exempt Site**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-yank.htm>**Program Authority** Coastal Zone Management Act**Additional legal authority****Designation** State**ManagementType** Exempt Shipwreck**AllowedUses** Habitat disturbance/removal**Authority Provided** Program**Legal Code Reference** federal Sunken Military Craft Act, 10 U.S.C. § 113 (2004), may apply to certain vessels on this list. This Act protects sunken U.S. military vessels, aircraft, and spacecraft, as well as the remains and personal effects of their crews from salvage, recovery, or other disturbance without authorization from the secretary of the military department concerned.**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

## Species Resource Groups Present

No data found

## Potential Species Resource Groups

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:

Friday, January 25, 2013

## Present Physical Resource Groups

Site_ID	Attribute
MA093	CMECS (Neritic)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Present Cultural Resource Groups

Site_ID	Attribute
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MA093 Archaeological Site (shipwreck)

## Present Management Activity Resource Groups

No data found

## Potential Cultural Resources Groups

- 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

## Potential Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources**Site ID** MA094**Site Name** U.S.S. YSD Exempt Site**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-ysd.htm>**Program Authority** Coastal Zone Management Act**Additional legal authority****Designation** State**ManagementType** Exempt Shipwreck**AllowedUses** Habitat disturbance/removal**Authority Provided** Program**Legal Code Reference** federal Sunken Military Craft Act, 10 U.S.C. § 113 (2004), may apply to certain vessels on this list. This Act protects sunken U.S. military vessels, aircraft, and spacecraft, as well as the remains and personal effects of their crews from salvage, recovery, or other disturbance without authorization from the secretary of the military department concerned.**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

## Species Resource Groups Present

No data found

## Potential Species Resource Groups

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:

Friday, January 25, 2013

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## Present Physical Resource Groups

Site_ID	Attribute
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MA094 CMECS (Nearshore Marine)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Present Cultural Resource Groups

Site_ID	Attribute
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MA094 Archaeological Site (shipwreck)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA095

**Site Name** H.M.C.S. Saint Francis Exempt Site

**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-fran.htm>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Massachusetts General Law Chapter 6, sections 179-180, and Chapter 91, section 63

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

## Species Resource Groups Present

No data found

## Potential Species Resource Groups

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:

Friday, January 25, 2013

## Present Physical Resource Groups

Site_ID	Attribute
MA095	CMECS (Neritic)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

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## Present Cultural Resource Groups

Site_ID	Attribute
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MA095 Archaeological Site (shipwreck)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA096

**Site Name** French Van Gilder Exempt Site

**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-fvg.htm>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Massachusetts General Law Chapter 6, sections 179-180, and Chapter 91, section 63

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

## Species Resource Groups Present

No data found

## Potential Species Resource Groups

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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### Present Physical Resource Groups

Site_ID	Attribute
MA096	CMECS (Neritic)

### Potential Resource Groups

- 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

### Biological Use Resource Groups

No data found

### Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

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## Present Cultural Resource Groups

Site_ID	Attribute
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MA096 Archaeological Site (shipwreck)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Board of Underwater Archaeological Resources

**Site ID** MA097

**Site Name** Vineyard Sound Lightship Exempt Site

**Site URL** <http://www.mass.gov/czm/buar/shipwrecks/ua-vsightship.htm>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Exempt Shipwreck

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Massachusetts General Law Chapter 6, sections 179-180, and Chapter 91, section 63

**Notes** The intent of creating an exempt shipwreck site is to preserve such sites for the continued enjoyment of the recreational diving community. Recreational diving activities on exempted shipwreck sites will not require a permit from the Board of Underwater Archaeological Resources. However, any major disruption of the site is prohibited. The recreational diving community is encouraged to protect these sites for the continued enjoyment of all.

## Species Resource Groups Present

No data found

## Potential Species Resource Groups

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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## Present Physical Resource Groups

Site_ID	Attribute
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MA097 CMECS (Neritic)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

No data found

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

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## Present Cultural Resource Groups

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

MA097 Archaeological Site (shipwreck)

## Present Management Activity Resource Groups

No data found

## Potential Cultural Resources Groups

- 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

## Potential Management Activity Resource Groups

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

**Review Agency** Massachusetts Department of Conservation and Recreation

**Site ID** MAI

**Site Name** Bourne Back River Area of Critical Environmental Concern

**Site URL** [http://www.mass.gov/dcr/stewardship/acec/acecs/designations/bbr\\_des.pdf](http://www.mass.gov/dcr/stewardship/acec/acecs/designations/bbr_des.pdf)

**Program Authority** Coastal Zone Management Act

**Additional legal authority**

**Designation** State

**ManagementType** Area of Critical Environmental Concern

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** Executive office of environmental affairs 301 CMR 12

**Notes**

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## Species Resource Groups Present

Site_ID	Attribute
MAI	Birds (Estuarine/Coastal)
MAI	Birds (Waterfowl)
MAI	Birds (Other)
MAI	Marine Mammals (Pinnipeds)
MAI	Benthic Invertebrates (mobile and sessile)
MAI	Fish (Anadromous)

## Potential Species Resource Groups

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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## Present Physical Resource Groups

Site_ID	Attribute
MAI	Wetlands/MudFlats
MAI	Rivers/Streams
MAI	CMECS (Estuary)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

Site_ID	Attribute
MAI	Fish spawning area
MAI	Nursery grounds
MAI	Endangered Species (ESA listed)
MAI	Bird nesting habitat
MAI	Bird migratory area

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

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## Present Cultural Resource Groups

No data found

## Potential Cultural Resources Groups

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 Management Activity Resource Groups

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

MAI Physical Monitoring Program

## Potential Management Activity Resource Groups

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

**Review Agency** Massachusetts Department of Conservation and Recreation

**Site ID** MAI0

**Site Name** Sandy Neck/Barnstable Harbor Area of Critical Environmental Concern

**Site URL** GBIF

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagementType** Area of Critical Environmental Concern

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** Executive office of environmental affairs 301 CMR 12

### Notes

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## Species Resource Groups Present

Site_ID	Attribute
MA10	Birds (Seabird)
MA10	Birds (Waterfowl)
MA10	Birds (Estuarine/Coastal)
MA10	Birds (Other)
MA10	Benthic Invertebrates (mobile and sessile)
MA10	Marine Mammals (Cetaceans)
MA10	Sea Turtle
MA10	Fish (Estuarine/Coastal Marine)

## Potential Species Resource Groups

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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## Present Physical Resource Groups

Site_ID	Attribute
MA10	Beach
MA10	Wetlands/MudFlats
MA10	CMECS (Nearshore Marine)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

Site_ID	Attribute
MA10	Bird migratory area
MA10	Bird nesting habitat
MA10	Fish spawning area
MA10	Nursery grounds
MA10	Endangered Species (ESA listed)
MA10	Oyster/Shellfish beds

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

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## Present Cultural Resource Groups

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

MA10 Historical Structures

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

MA10 Physical Monitoring Program

MA10 Volunteer Program

## Potential Management Activity Resource Groups

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

**Review Agency** Massachusetts Department of Conservation and Recreation

**Site ID** MA11

**Site Name** Waquoit Bay Area of Critical Environmental Concern

**Site URL** <http://www.mass.gov/dcr/stewardship/acec/acecs/descriptions/WaquoitBay.pdf>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagementType** Area of Critical Environmental Concern

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** Executive office of environmental affairs 301 CMR 12

### Notes

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### Species Resource Groups Present

Site_ID	Attribute
MA11	Fish (Demersal East Coast)
MA11	Fish (Anadromous)
MA11	Fish (Estuarine/Coastal Marine)
MA11	Birds (Estuarine/Coastal)
MA11	Benthic Invertebrates (mobile and sessile)
MA11	Benthic Algae

### Potential Species Resource Groups

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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## Present Physical Resource Groups

Site_ID	Attribute
MA I I	CMECS (Estuary)
MA I I	Wetlands/MudFlats
MA I I	Beach
MA I I	Sand Dunes
MA I I	Sea Grass

## Potential Resource Groups

- 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

## Biological Use Resource Groups

Site_ID	Attribute
MA I I	Fish spawning area
MA I I	Nursery grounds
MA I I	Endangered Species (ESA listed)
MA I I	Oyster/Shellfish beds
MA I I	Sea grass habitat

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

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## Present Cultural Resource Groups

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

MA11 Archaeological Site (prehistoric)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

- MA11 Interpretive signage
- MA11 Tours and Docents
- MA11 Science Center or Museum
- MA11 Volunteer Program
- MA11 Biological Monitoring Program
- MA11 Physical Monitoring Program

## Potential Management Activity Resource Groups

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

**Review Agency** Massachusetts Department of Conservation and Recreation

**Site ID** MA12

**Site Name** Weir River Area of Critical Environmental Concern

**Site URL** [http://www.uhi.umb.edu/pdf\\_files/weir\\_acec\\_nri\\_report.pdf](http://www.uhi.umb.edu/pdf_files/weir_acec_nri_report.pdf)

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Area of Critical Environmental Concern

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** Executive office of environmental affairs 301 CMR 12

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### Species Resource Groups Present

Site_ID	Attribute
MA12	Birds (Seabird)
MA12	Birds (Estuarine/Coastal)
MA12	Birds (Waterfowl)
MA12	Birds (Other)
MA12	Benthic Invertebrates (mobile and sessile)
MA12	Benthic Algae
MA12	Fish (Demersal East Coast)
MA12	Fish (Anadromous)
MA12	Fish (Estuarine/Coastal Marine)

### Potential Species Resource Groups

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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## Present Physical Resource Groups

Site_ID	Attribute
MA12	Wetlands/MudFlats
MA12	Sea Grass
MA12	CMECS (Nearshore Marine)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

Site_ID	Attribute
MA12	Bird migratory area
MA12	Bird nesting habitat
MA12	Nursery grounds
MA12	Endangered Species (ESA listed)
MA12	Oyster/Shellfish beds
MA12	Sea grass habitat

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

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## Present Cultural Resource Groups

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

MA12 Historical Structures

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

MA12 Physical Monitoring Program

MA12 Tours and Docents

## Potential Management Activity Resource Groups

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

**Review Agency** Massachusetts Department of Conservation and Recreation

**Site ID** MA13

**Site Name** Wellfleet Harbor Area of Critical Environmental Concern

**Site URL** <http://www.mass.gov/dcr/stewardship/acec/acecs/descriptions/WellfleetHarbor.pdf>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagementType** Area of Critical Environmental Concern

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** Executive office of environmental affairs 301 CMR 12

### Notes

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### Species Resource Groups Present

Site_ID	Attribute
MA13	Benthic Invertebrates (mobile and sessile)
MA13	Birds (Other)
MA13	Birds (Estuarine/Coastal)
MA13	Birds (Seabird)
MA13	Marine Mammals (Pinnipeds)
MA13	Sea Turtle

### Potential Species Resource Groups

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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## Present Physical Resource Groups

Site_ID	Attribute
MA13	Islands
MA13	Beach
MA13	Wetlands/MudFlats
MA13	CMECS (Estuary)
MA13	Rivers/Streams

## Potential Resource Groups

- 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

## Biological Use Resource Groups

Site_ID	Attribute
MA13	Oyster/Shellfish beds
MA13	Bird nesting habitat
MA13	Bird migratory area
MA13	Fish spawning area
MA13	Nursery grounds

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

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### Present Cultural Resource Groups

Site_ID	Attribute
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MA13 Archaeological Site (prehistoric)

### Potential Cultural Resources Groups

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 Management Activity Resource Groups

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

MA13 Biological Monitoring Program

MA13 Physical Monitoring Program

MA13 Science Center or Museum

MA13 Tours and Docents

### Potential Management Activity Resource Groups

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

## Review Agency Massachusetts Department of Conservation and Recreation

**Site ID** MA14

**Site Name** Weymouth/Hingham Back River Area of Critical Environmental Concern

**Site URL** [http://www.mass.gov/dcr/stewardship/acec/documents/WBR\\_NaturalResourceInventory1996.pdf](http://www.mass.gov/dcr/stewardship/acec/documents/WBR_NaturalResourceInventory1996.pdf)

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagementType** Area of Critical Environmental Concern

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** Executive office of environmental affairs 301 CMR 12

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### Species Resource Groups Present

Site_ID	Attribute
MA14	Fish (Estuarine/Coastal Marine)
MA14	Birds (Other)
MA14	Birds (Estuarine/Coastal)
MA14	Fish (Anadromous)
MA14	Fish (Demersal East Coast)
MA14	Benthic Invertebrates (mobile and sessile)

### Potential Species Resource Groups

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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## Present Physical Resource Groups

Site_ID	Attribute
MA14	Wetlands/MudFlats
MA14	CMECS (Nearshore Marine)
MA14	Beach

## Potential Resource Groups

- 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

## Biological Use Resource Groups

Site_ID	Attribute
MA14	Fish spawning area
MA14	Nursery grounds
MA14	Oyster/Shellfish beds
MA14	Bird nesting habitat
MA14	Bird migratory area
MA14	Endangered Species (ESA listed)

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

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## Present Cultural Resource Groups

Site_ID	Attribute
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MA14 Archaeological Site (prehistoric)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

MA14 Interpretive signage

## Potential Management Activity Resource Groups

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

**Review Agency** Massachusetts Department of Conservation and Recreation

**Site ID** MA15

**Site Name** Cape and Islands Ocean Sanctuary

**Site URL** <http://www.mass.gov/dcr/stewardship/rmp/downloads/WBNERR/vol1.pdf>

**Program Authority** Mass Ocean Sanctuaries Act

### Additional legal authority

**Designation** State

**ManagementType** Ocean Sanctuary

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Authorities: M.G.L. c. 132A, §§ 12A-16F, 18: Ocean Sanctuaries Act; 302 CMR 5.00: Ocean Sanctuaries.

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## Species Resource Groups Present

Site_ID	Attribute
MA15	Benthic Invertebrates (mobile and sessile)
MA15	Birds (Estuarine/Coastal)
MA15	Birds (Estuarine/Coastal)
MA15	Birds (Other)
MA15	Birds (Seabird)
MA15	Birds (Waterfowl)
MA15	Fish (Anadromous)
MA15	Fish (Coastal Pelagic)
MA15	Fish (Demersal East Coast)
MA15	Rocky Intertidal Invertebrates (Mobile/Sessile)

## Potential Species Resource Groups

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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## Present Physical Resource Groups

Site_ID	Attribute
MA15	Beach
MA15	Wetlands/MudFlats
MA15	Rivers/Streams
MA15	CMECS (Fresh Water Influenced)
MA15	CMECS (Estuary)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

Site_ID	Attribute
MA15	Nursery grounds
MA15	Fish spawning area
MA15	Bird nesting habitat
MA15	Bird migratory area
MA15	Oyster/Shellfish beds

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

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## Present Cultural Resource Groups

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

MA15 Archaeological Site (prehistoric)

MA15 Historical Structures

## Potential Cultural Resources Groups

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 Management Activity Resource Groups

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

MA15 Interpretive signage

MA15 Tours and Docents

MA15 Science Center or Museum

MA15 Volunteer Program

MA15 Biological Monitoring Program

MA15 Physical Monitoring Program

## Potential Management Activity Resource Groups

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

**Review Agency** Massachusetts Department of Conservation and Recreation

**Site ID** MA16

**Site Name** Cape Cod Bay Ocean Sanctuary

**Site URL** GBIF

**Program Authority** Mass Ocean Sanctuaries Act

### Additional legal authority

**Designation** State

**ManagementType** Ocean Sanctuary

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Authorities: M.G.L. c. 132A, §§ 12A-16F, 18: Ocean Sanctuaries Act; 302 CMR 5.00: Ocean Sanctuaries.

### Notes

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## Species Resource Groups Present

Site_ID	Attribute
MA16	Benthic Invertebrates (mobile and sessile)
MA16	Birds (Estuarine/Coastal)
MA16	Birds (Other)
MA16	Birds (Seabird)
MA16	Birds (Waterfowl)
MA16	Fish (Estuarine/Coastal Marine)
MA16	Marine Mammals (Cetaceans)
MA16	Sea Turtle

## Potential Species Resource Groups

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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## Present Physical Resource Groups

Site_ID	Attribute
MA16	Beach
MA16	Wetlands/MudFlats
MA16	CMECS (Nearshore Marine)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

Site_ID	Attribute
MA16	Bird migratory area
MA16	Bird nesting habitat
MA16	Fish spawning area
MA16	Nursery grounds
MA16	Endangered Species (ESA listed)
MA16	Oyster/Shellfish beds

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

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### Present Cultural Resource Groups

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

MA16 Historical Structures

### Potential Cultural Resources Groups

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 Management Activity Resource Groups

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

MA16 Physical Monitoring Program

MA16 Volunteer Program

### Potential Management Activity Resource Groups

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

**Review Agency** Massachusetts Department of Conservation and Recreation

**Site ID** MA17

**Site Name** Cape Cod Ocean Sanctuary

**Site URL** <http://www.nps.gov/caco/index.htm>

**Program Authority** Mass Ocean Sanctuaries Act

#### Additional legal authority

**Designation** State

**ManagementType** Ocean Sanctuary

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Authorities: M.G.L. c. 132A, §§ 12A-16F, 18: Ocean Sanctuaries Act; 302 CMR 5.00: Ocean Sanctuaries.

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## Species Resource Groups Present

Site_ID	Attribute
MA17	Benthic Invertebrates (mobile and sessile)
MA17	Birds (Estuarine/Coastal)
MA17	Birds (Other)
MA17	Birds (Seabird)
MA17	Marine Mammals (Pinnipeds)
MA17	Sea Turtle

## Potential Species Resource Groups

- 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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## Present Physical Resource Groups

Site_ID	Attribute
MA17	Beach
MA17	CMECS (Nearshore Marine)
MA17	Sea Grass

## Potential Resource Groups

- 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

## Biological Use Resource Groups

Site_ID	Attribute
MA17	Marine mammal haulout
MA17	Bird migratory area
MA17	Bird nesting habitat
MA17	Turtle nesting area
MA17	Endangered Species (ESA listed)
MA17	Oyster/Shellfish beds
MA17	Sea grass habitat

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

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## Present Cultural Resource Groups

Site_ID	Attribute
MA17	Historical Structures
MA17	Site of Cultural Significance

## Potential Cultural Resources Groups

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 Management Activity Resource Groups

Site_ID	Attribute
MA17	Biological Monitoring Program
MA17	Physical Monitoring Program
MA17	Science Center or Museum
MA17	Tours and Docents

## Potential Management Activity Resource Groups

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

**Review Agency** Massachusetts Department of Conservation and Recreation

**Site ID** MA18

**Site Name** North Shore Ocean Sanctuary

**Site URL** GBIF

**Program Authority** Mass Ocean Sanctuaries Act

### Additional legal authority

**Designation** State

**ManagementType** Ocean Sanctuary

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Authorities: M.G.L. c. 132A, §§ 12A-16F, 18: Ocean Sanctuaries Act; 302 CMR 5.00: Ocean Sanctuaries.

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## Species Resource Groups Present

Site_ID	Attribute
MA18	Birds (Seabird)
MA18	Birds (Waterfowl)
MA18	Birds (Estuarine/Coastal)
MA18	Birds (Other)
MA18	Marine Mammals (Cetaceans)
MA18	Benthic Invertebrates (mobile and sessile)
MA18	Fish (Estuarine/Coastal Marine)
MA18	Fish (Demersal East Coast)
MA18	Fish (Coastal Pelagic)
MA18	Fish (Highly Migratory Marine Species)
MA18	Benthic Algae

## Potential Species Resource Groups

- 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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## Present Physical Resource Groups

Site_ID	Attribute
MA18	Beach
MA18	Barrier Islands
MA18	Wetlands/MudFlats
MA18	Rivers/Streams
MA18	CMECS (Estuary)
MA18	CMECS (Fresh Water Influenced)
MA18	CMECS (Nearshore Marine)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

Site_ID	Attribute
MA18	Marine mammal haulout
MA18	Bird nesting habitat
MA18	Bird migratory area
MA18	Nursery grounds
MA18	Marine Mammal Breeding area
MA18	Endangered Species (ESA listed)

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

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## Present Cultural Resource Groups

No data found

## Potential Cultural Resources Groups

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 Management Activity Resource Groups

Site_ID	Attribute
MA18	Biological Monitoring Program
MA18	Tours and Docents
MA18	Interpretive signage
MA18	Science Center or Museum
MA18	Volunteer Program

## Potential Management Activity Resource Groups

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

**Review Agency** Massachusetts Department of Conservation and Recreation

**Site ID** MA19

**Site Name** South Essex Ocean Sanctuary

**Site URL** No Online Data

**Program Authority** Mass Ocean Sanctuaries Act

### Additional legal authority

**Designation** State

**ManagementType** Ocean Sanctuary

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Authorities: M.G.L. c. 132A, §§ 12A-16F, 18; Ocean Sanctuaries Act; 302 CMR 5.00: Ocean Sanctuaries.

### Notes

## Species Resource Groups Present

No data found

## Potential Species Resource Groups

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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### Present Physical Resource Groups

Site_ID	Attribute
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MA19 CMECS (Nearshore Marine)

### Potential Resource Groups

- 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

### Biological Use Resource Groups

No data found

### Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

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### Present Cultural Resource Groups

No data found

### Potential Cultural Resources Groups

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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Department of Conservation and Recreation

**Site ID** MA2

**Site Name** Ellisville Harbor Area of Critical Environmental Concern

**Site URL** <http://www.mass.gov/dcr/stewardship/acec/acecs/l-ellhar.htm>

**Program Authority** Coastal Zone Management Act

#### Additional legal authority

**Designation** State

**ManagementType** Area of Critical Environmental Concern

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** Executive office of environmental affairs 301 CMR 12

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### Species Resource Groups Present

Site_ID	Attribute
MA2	Birds (Waterfowl)
MA2	Birds (Seabird)
MA2	Birds (Other)
MA2	Birds (Estuarine/Coastal)
MA2	Benthic Invertebrates (mobile and sessile)

### Potential Species Resource Groups

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:

Friday, January 25, 2013

## Present Physical Resource Groups

Site_ID	Attribute
MA2	Beach
MA2	Wetlands/MudFlats
MA2	Sand Dunes
MA2	CMECS (Nearshore Marine)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

Site_ID	Attribute
MA2	Bird migratory area
MA2	Bird nesting habitat
MA2	Fish spawning area
MA2	Nursery grounds
MA2	Oyster/Shellfish beds

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Present Cultural Resource Groups

No data found

## Potential Cultural Resources Groups

- 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 Managment Activity Resource Groups

Site_ID	Attribute
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MA2 Physical Monitoring Program

MA2 Interpretive signage

## Potential Management Activity Resource Groups

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

**Review Agency** Massachusetts Department of Conservation and Recreation

**Site ID** MA29

**Site Name** Horseneck Beach State Reservation

**Site URL** Multiple Sites

**Program Authority** Coastal Zone Management Act

**Additional legal authority**

**Designation** State

**ManagmentType** State Park

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** PART I  
ADMINISTRATION OF THE GOVERNMENT  
TITLE XIV  
PUBLIC WAYS AND WORKS PREVNEXT  
CHAPTER 92  
METROPOLITAN SEWERS, WATER AND PARKS PREVNEXT  
Section 33  
Division of state parks and recreation; reservations; recreational areas water supplies.

**Notes**

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Species Resource Groups Present

Site_ID	Attribute
MA29	Fish (Anadromous)
MA29	Fish (Estuarine/Coastal Marine)
MA29	Birds (Estuarine/Coastal)
MA29	Birds (Seabird)
MA29	Birds (Other)

## Potential Species Resource Groups

- 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:

Friday, January 25, 2013

## Present Physical Resource Groups

Site_ID	Attribute
MA29	Wetlands/MudFlats
MA29	Beach
MA29	CMECS (Nearshore Marine)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

Site_ID	Attribute
MA29	Bird nesting habitat
MA29	Bird migratory area

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

## QAQC Report

These report data are accurate from:

Friday, January 25, 2013

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### Present Cultural Resource Groups

No data found

### Potential Cultural Resources Groups

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 Management Activity Resource Groups

Site_ID	Attribute
MA29	Interpretive signage
MA29	Tours and Docents

### Potential Management Activity Resource Groups

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

**Review Agency** Massachusetts Department of Conservation and Recreation

**Site ID** MA3

**Site Name** Herring River Watershed Area of Critical Environmental Concern

**Site URL** [http://www.mass.gov/dcr/stewardship/acec/acecs/designations/hr\\_des.pdf](http://www.mass.gov/dcr/stewardship/acec/acecs/designations/hr_des.pdf)

**Program Authority** Coastal Zone Management Act

#### Additional legal authority

**Designation** State

**ManagementType** Area of Critical Environmental Concern

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** Executive office of environmental affairs 301 CMR 12

**Notes**

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Species Resource Groups Present

Site_ID	Attribute
MA3	Birds (Seabird)
MA3	Birds (Estuarine/Coastal)
MA3	Birds (Waterfowl)
MA3	Birds (Other)
MA3	Benthic Invertebrates (mobile and sessile)
MA3	Fish (Anadromous)

## Potential Species Resource Groups

- 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:

Friday, January 25, 2013

## Present Physical Resource Groups

Site_ID	Attribute
MA3	Rivers/Streams
MA3	Wetlands/MudFlats
MA3	CMECS (Estuary)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

Site_ID	Attribute
MA3	Oyster/Shellfish beds
MA3	Fish spawning area
MA3	Nursery grounds
MA3	Bird nesting habitat
MA3	Bird migratory area

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Present Cultural Resource Groups

Site_ID	Attribute
MA3	Historical Structures

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Department of Conservation and Recreation

**Site ID** MA4

**Site Name** Inner Cape Cod Bay Area of Critical Environmental Concern

**Site URL** GBIF

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagementType** Area of Critical Environmental Concern

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** Executive office of environmental affairs 301 CMR 12

**Notes**

# QAQC Report

These report data are accurate from:

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## Species Resource Groups Present

Site_ID	Attribute
MA4	Benthic Invertebrates (mobile and sessile)
MA4	Birds (Estuarine/Coastal)
MA4	Birds (Other)
MA4	Birds (Seabird)
MA4	Birds (Waterfowl)
MA4	Fish (Estuarine/Coastal Marine)
MA4	Marine Mammals (Cetaceans)
MA4	Sea Turtle

## Potential Species Resource Groups

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:

Friday, January 25, 2013

## Present Physical Resource Groups

Site_ID	Attribute
MA4	Beach
MA4	Wetlands/MudFlats
MA4	CMECS (Nearshore Marine)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

Site_ID	Attribute
MA4	Bird migratory area
MA4	Bird nesting habitat
MA4	Fish spawning area
MA4	Nursery grounds
MA4	Endangered Species (ESA listed)
MA4	Oyster/Shellfish beds

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Present Cultural Resource Groups

Site_ID	Attribute
MA4	Historical Structures

## Potential Cultural Resources Groups

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 Management Activity Resource Groups

Site_ID	Attribute
MA4	Physical Monitoring Program
MA4	Volunteer Program

## Potential Management Activity Resource Groups

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

**Review Agency** Massachusetts Department of Conservation and Recreation

**Site ID** MA5

**Site Name** Neponset River Estuary Area of Critical Environmental Concern

**Site URL** [http://www.mass.gov/dcr/stewardship/acec/acecs/designations/nr\\_des.pdf](http://www.mass.gov/dcr/stewardship/acec/acecs/designations/nr_des.pdf)

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagementType** Area of Critical Environmental Concern

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** Executive office of environmental affairs 301 CMR 12

**Notes**

## QAQC Report

These report data are accurate from:

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### Species Resource Groups Present

Site_ID	Attribute
MA5	Birds (Seabird)
MA5	Birds (Estuarine/Coastal)
MA5	Birds (Waterfowl)
MA5	Birds (Other)
MA5	Fish (Estuarine/Coastal Marine)
MA5	Benthic Invertebrates (mobile and sessile)
MA5	Fish (Demersal East Coast)
MA5	Fish (Anadromous)

### Potential Species Resource Groups

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:

Friday, January 25, 2013

## Present Physical Resource Groups

Site_ID	Attribute
MA5	Wetlands/MudFlats
MA5	CMECS (Estuary)
MA5	Rivers/Streams

## Potential Resource Groups

- 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

## Biological Use Resource Groups

Site_ID	Attribute
MA5	Nursery grounds
MA5	Fish spawning area
MA5	Bird nesting habitat

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Present Cultural Resource Groups

Site_ID	Attribute
MA5	Archaeological Site (prehistoric)
MA5	Historical Structures

## Present Management Activity Resource Groups

Site_ID	Attribute
MA5	Volunteer Program

## Potential Cultural Resources Groups

- 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

## Potential Management Activity Resource Groups

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

**Review Agency** Massachusetts Department of Conservation and Recreation

**Site ID** MA53

**Site Name** Demarest Lloyd State Park

**Site URL** <http://www.mass.gov/dcr/parks/southeast/deml.htm>

**Program Authority** Coastal Zone Management Act

**Additional legal authority**

**Designation** State

**ManagmentType** State Park

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** PART I  
ADMINISTRATION OF THE GOVERNMENT  
TITLE XIV  
PUBLIC WAYS AND WORKS PREVNEXT  
CHAPTER 92  
METROPOLITAN SEWERS, WATER AND PARKS PREVNEXT  
Section 33  
Division of state parks and recreation; reservations; recreational areas water supplies.

**Notes**

# QAQC Report

These report data are accurate from:

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## Species Resource Groups Present

Site_ID	Attribute
MA53	Birds (Seabird)
MA53	Birds (Estuarine/Coastal)
MA53	Birds (Waterfowl)
MA53	Birds (Other)
MA53	Benthic Invertebrates (mobile and sessile)
MA53	Fish (Anadromous)
MA53	Fish (Estuarine/Coastal Marine)

## Potential Species Resource Groups

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:

Friday, January 25, 2013

## Present Physical Resource Groups

Site_ID	Attribute
MA53	Beach
MA53	Sand Dunes
MA53	Wetlands/MudFlats

## Potential Resource Groups

- 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

## Biological Use Resource Groups

Site_ID	Attribute
MA53	Oyster/Shellfish beds
MA53	Bird nesting habitat

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

## QAQC Report

These report data are accurate from:

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### Present Cultural Resource Groups

No data found

### Potential Cultural Resources Groups

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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Department of Conservation and Recreation

**Site ID** MA6

**Site Name** Parker River/Essex Bay Area of Critical Environmental Concern

**Site URL** Parker River NWR

**Program Authority** Coastal Zone Management Act

#### Additional legal authority

**Designation** State

**ManagementType** Area of Critical Environmental Concern

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** Executive office of environmental affairs 301 CMR 12

**Notes**

## QAQC Report

These report data are accurate from:

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### Species Resource Groups Present

Site_ID	Attribute
MA6	Benthic Invertebrates (mobile and sessile)
MA6	Birds (Estuarine/Coastal)
MA6	Birds (Other)
MA6	Birds (Seabird)
MA6	Birds (Waterfowl)
MA6	Fish (Anadromous)
MA6	Fish (Coastal Pelagic)
MA6	Fish (Estuarine/Coastal Marine)
MA6	Marine Mammals (Pinnipeds)
MA6	Rocky Intertidal (Algae)

### Potential Species Resource Groups

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:

Friday, January 25, 2013

## Present Physical Resource Groups

Site_ID	Attribute
MA6	Beach
MA6	Barrier Islands
MA6	Wetlands/MudFlats
MA6	Rivers/Streams
MA6	CMECS (Estuary)
MA6	CMECS (Fresh Water Influenced)
MA6	CMECS (Nearshore Marine)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

Site_ID	Attribute
MA6	Marine mammal haulout
MA6	Bird nesting habitat
MA6	Bird migratory area
MA6	Nursery grounds
MA6	Marine Mammal Breeding area
MA6	Endangered Species (ESA listed)

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

## QAQC Report

These report data are accurate from:

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### Present Cultural Resource Groups

No data found

### Potential Cultural Resources Groups

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 Management Activity Resource Groups

Site_ID	Attribute
MA6	Biological Monitoring Program
MA6	Tours and Docents
MA6	Interpretive signage
MA6	Science Center or Museum
MA6	Volunteer Program

### Potential Management Activity Resource Groups

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

**Review Agency** Massachusetts Department of Conservation and Recreation

**Site ID** MA7

**Site Name** Pleasant Bay Area of Critical Environmental Concern

**Site URL** <http://www.mass.gov/dcr/stewardship/acec/acecs/descriptions/PleasantBay.pdf>

**Program Authority** Coastal Zone Management Act

#### Additional legal authority

**Designation** State

**ManagementType** Area of Critical Environmental Concern

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** Executive office of environmental affairs 301 CMR 12

**Notes**

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Species Resource Groups Present

Site_ID	Attribute
MA7	Birds (Seabird)
MA7	Birds (Estuarine/Coastal)
MA7	Birds (Waterfowl)
MA7	Birds (Other)
MA7	Birds (Estuarine/Coastal)
MA7	Benthic Invertebrates (mobile and sessile)
MA7	Fish (Demersal East Coast)
MA7	Fish (Anadromous)

## Potential Species Resource Groups

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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### Present Physical Resource Groups

Site_ID	Attribute
MA7	Beach
MA7	Sand Dunes
MA7	CMECS (Estuary)
MA7	Wetlands/MudFlats

### Potential Resource Groups

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

### Biological Use Resource Groups

Site_ID	Attribute
MA7	Fish spawning area
MA7	Nursery grounds
MA7	Oyster/Shellfish beds
MA7	Bird nesting habitat
MA7	Bird migratory area
MA7	Endangered Species (ESA listed)

### Potential Biological Uses Resource Groups

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  
Nursery grounds  
Marine Mammal Breeding area  
Endangered Species (ESA listed)  
Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Present Cultural Resource Groups

Site_ID	Attribute
MA7	Archaeological Site (prehistoric)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

Site_ID	Attribute
MA7	Tours and Docents
MA7	Interpretive signage
MA7	Volunteer Program
MA7	Biological Monitoring Program
MA7	Physical Monitoring Program

## Potential Management Activity Resource Groups

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

**Review Agency** Massachusetts Department of Conservation and Recreation

**Site ID** MA8

**Site Name** Pocasset River Area of Critical Environmental Concern

**Site URL** <http://www.mass.gov/dcr/stewardship/acec/acecs/descriptions/PocassetRiver.pdf>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagementType** Area of Critical Environmental Concern

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** Executive office of environmental affairs 301 CMR 12

### Notes

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Species Resource Groups Present

Site_ID	Attribute
MA8	Birds (Seabird)
MA8	Birds (Estuarine/Coastal)
MA8	Birds (Waterfowl)
MA8	Birds (Other)
MA8	Benthic Invertebrates (mobile and sessile)
MA8	Benthic Invertebrates (mobile and sessile)

## Potential Species Resource Groups

- 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:

Friday, January 25, 2013

## Present Physical Resource Groups

Site_ID	Attribute
MA8	Wetlands/MudFlats
MA8	Rivers/Streams
MA8	CMECS (Estuary)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

Site_ID	Attribute
MA8	Bird nesting habitat
MA8	Bird migratory area
MA8	Nursery grounds
MA8	Fish spawning area
MA8	Endangered Species (ESA listed)
MA8	Oyster/Shellfish beds

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

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## Present Cultural Resource Groups

Site_ID	Attribute
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MA8 Archaeological Site (prehistoric)

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Department of Conservation and Recreation

**Site ID** MA9

**Site Name** Rumney Marshes Area of Critical Environmental Concern

**Site URL** [http://www.mass.gov/dcr/stewardship/acec/acecs/designations/rm\\_des.pdf](http://www.mass.gov/dcr/stewardship/acec/acecs/designations/rm_des.pdf)

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagementType** Area of Critical Environmental Concern

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** Executive office of environmental affairs 301 CMR 12

### Notes

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### Species Resource Groups Present

Site_ID	Attribute
MA9	Benthic Invertebrates (mobile and sessile)
MA9	Fish (Demersal East Coast)
MA9	Fish (Anadromous)
MA9	Fish (Estuarine/Coastal Marine)
MA9	Rocky Intertidal Invertebrates (Mobile/Sessile)
MA9	Birds (Waterfowl)
MA9	Birds (Other)
MA9	Birds (Estuarine/Coastal)
MA9	Birds (Seabird)

### Potential Species Resource Groups

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

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### Present Physical Resource Groups

Site_ID	Attribute
MA9	Wetlands/MudFlats
MA9	CMECS (Estuary)
MA9	Rivers/Streams
MA9	Rock Intertidal

### Potential Resource Groups

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

### Biological Use Resource Groups

Site_ID	Attribute
MA9	Endangered Species (ESA listed)
MA9	Fish spawning area
MA9	Nursery grounds
MA9	Oyster/Shellfish beds
MA9	Bird migratory area
MA9	Bird nesting habitat

### Potential Biological Uses Resource Groups

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  
Nursery grounds  
Marine Mammal Breeding area  
Endangered Species (ESA listed)  
Turtle nesting area

# QAQC Report

These report data are accurate from:

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## Present Cultural Resource Groups

No data found

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

MA9 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

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**Review Agency** Massachusetts Division of Fisheries and Wildlife

**Site ID** MA20

**Site Name** Billingsgate Island State Wildlife Sanctuary

**Site URL** Google Searches

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Wildlife Area

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** 321 CMR 7:00 Wildlife Sanctuaries

7.01: Wildlife Sanctuaries-- General.

### Notes

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### Species Resource Groups Present

Site_ID	Attribute
MA20	Marine Mammals (Pinnipeds)
MA20	Benthic Invertebrates (mobile and sessile)
MA20	Birds (Seabird)
MA20	Fish (Estuarine/Coastal Marine)
MA20	Fish (Anadromous)
MA20	Birds (Seabird)

### Potential Species Resource Groups

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:

Friday, January 25, 2013

## Present Physical Resource Groups

Site_ID	Attribute
MA20	Beach
MA20	Islands
MA20	CMECS (Nearshore Marine)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

Site_ID	Attribute
MA20	Marine mammal haulout
MA20	Oyster/Shellfish beds
MA20	Bird migratory area
MA20	Bird nesting habitat

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Present Cultural Resource Groups

Site_ID	Attribute
MA20	Historical Structures

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Division of Fisheries and Wildlife

**Site ID** MA25

**Site Name** Egg Rock (Henry Cabot Lodge) State Wildlife Sanctuary

**Site URL** Mass Audubon

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Wildlife Area

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** 321 CMR 7:00 Wildlife Sanctuaries

7.01: Wildlife Sanctuaries-- General.

### Notes

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## Species Resource Groups Present

Site_ID	Attribute
MA25	Birds (Seabird)
MA25	Birds (Estuarine/Coastal)

## Potential Species Resource Groups

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:

Friday, January 25, 2013

## Present Physical Resource Groups

Site_ID	Attribute
MA25	CMECS (Nearshore Marine)
MA25	Islands
MA25	Rock Intertidal

## Potential Resource Groups

- 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

## Biological Use Resource Groups

Site_ID	Attribute
MA25	Bird nesting habitat
MA25	Bird migratory area
MA25	Endangered Species (ESA listed)

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

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## Present Cultural Resource Groups

Site_ID	Attribute
MA25	Historical Structures

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Division of Fisheries and Wildlife

**Site ID** MA33

**Site Name** Milk Island (Knight) State Wildlife Sanctuary

**Site URL** <http://www.anewenglandlife.com/2009/09/milk-island-and-twin-lighthouses.html>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Wildlife Area

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** 321 CMR 7:00 Wildlife Sanctuaries

7.01: Wildlife Sanctuaries-- General.

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## Species Resource Groups Present

Site_ID	Attribute
MA33	Birds (Seabird)

## Potential Species Resource Groups

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:

Friday, January 25, 2013

## Present Physical Resource Groups

Site_ID	Attribute
MA33	Islands
MA33	Rock Intertidal
MA33	CMECS (Nearshore Marine)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

Site_ID	Attribute
MA33	Bird nesting habitat

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Present Cultural Resource Groups

Site_ID	Attribute
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MA33 Historical Structures

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Division of Fisheries and Wildlife

**Site ID** MA4I

**Site Name** Ram Island State Wildlife Sanctuary- Salisbury

**Site URL** [http://www.massaudubon.org/Birds\\_and\\_Birding/IBAs/site\\_summary.php?getsite=78](http://www.massaudubon.org/Birds_and_Birding/IBAs/site_summary.php?getsite=78)

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Wildlife Area

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** 321 CMR 7:00 Wildlife Sanctuaries

7.01: Wildlife Sanctuaries-- General.

### Notes

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## Species Resource Groups Present

Site_ID	Attribute
MA4I	Birds (Seabird)
MA4I	Birds (Other)
MA4I	Birds (Estuarine/Coastal)

## Potential Species Resource Groups

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:

Friday, January 25, 2013

## Present Physical Resource Groups

Site_ID	Attribute
MA4I	Wetlands/MudFlats
MA4I	Beach
MA4I	CMECS (Nearshore Marine)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

Site_ID	Attribute
MA4I	Bird nesting habitat

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

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### Present Cultural Resource Groups

No data found

### Potential Cultural Resources Groups

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 Management Activity Resource Groups

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

MA41 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

**Review Agency** Massachusetts Division of Fisheries and Wildlife

**Site ID** MA47

**Site Name** William Forward Wildlife Management Area

**Site URL** GBIF

**Program Authority** Coastal Zone Management Act

#### Additional legal authority

**Designation** State

**ManagementType** Wildlife Area

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** M.G.L. c. 131, §§ 10A-10D and 321 CMR 11.00.

#### Notes

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## Species Resource Groups Present

Site_ID	Attribute
MA47	Birds (Estuarine/Coastal)
MA47	Birds (Waterfowl)
MA47	Birds (Other)

## Potential Species Resource Groups

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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### Present Physical Resource Groups

Site_ID	Attribute
MA47	Wetlands/MudFlats
MA47	Rivers/Streams
MA47	CMECS (Estuary)

### Potential Resource Groups

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

### Biological Use Resource Groups

Site_ID	Attribute
MA47	Bird nesting habitat
MA47	Bird migratory area

### Potential Biological Uses Resource Groups

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  
Nursery grounds  
Marine Mammal Breeding area  
Endangered Species (ESA listed)  
Turtle nesting area

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### Present Cultural Resource Groups

No data found

### Potential Cultural Resources Groups

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 Management Activity Resource Groups

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

**Review Agency** Massachusetts Division of Marine Fisheries

**Site ID** MA5I

**Site Name** Winter Flounder Spawning Closure Area

**Site URL** (Parker River NWR)

**Program Authority** Coastal Zone Management Act

**Additional legal authority**

**Designation** State

**ManagmentType** Fishery Conservation Zone

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** MGL c.130 § 17

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## Species Resource Groups Present

Site_ID	Attribute
MA5I	Benthic Invertebrates (mobile and sessile)
MA5I	Birds (Estuarine/Coastal)
MA5I	Birds (Other)
MA5I	Birds (Seabird)
MA5I	Birds (Waterfowl)
MA5I	Fish (Anadromous)
MA5I	Fish (Coastal Pelagic)
MA5I	Fish (Estuarine/Coastal Marine)
MA5I	Marine Mammals (Pinnipeds)
MA5I	Rocky Intertidal (Algae)
MA5I	Fish (Demersal East Coast)

## Potential Species Resource Groups

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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### Present Physical Resource Groups

Site_ID	Attribute
MA5I	Beach
MA5I	Barrier Islands
MA5I	Wetlands/MudFlats
MA5I	Rivers/Streams
MA5I	CMECS (Estuary)
MA5I	CMECS (Fresh Water Influenced)
MA5I	CMECS (Nearshore Marine)

### Potential Resource Groups

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

### Biological Use Resource Groups

Site_ID	Attribute
MA5I	Marine mammal haulout
MA5I	Bird nesting habitat
MA5I	Bird migratory area
MA5I	Nursery grounds
MA5I	Marine Mammal Breeding area
MA5I	Endangered Species (ESA listed)
MA5I	Fish spawning area
MA5I	Nursery grounds

### Potential Biological Uses Resource Groups

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  
Nursery grounds  
Marine Mammal Breeding area  
Endangered Species (ESA listed)  
Turtle nesting area

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## Present Cultural Resource Groups

No data found

## Potential Cultural Resources Groups

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 Management Activity Resource Groups

Site_ID	Attribute
MA5I	Biological Monitoring Program
MA5I	Tours and Docents
MA5I	Interpretive signage
MA5I	Science Center or Museum
MA5I	Volunteer Program

## Potential Management Activity Resource Groups

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

### Review Agency **Massachusetts Division of Marine Fisheries**

**Site ID** MA52

**Site Name** North Shore Groundfish Closure Area

**Site URL** (Parker River NWR)

**Program Authority** Coastal Zone Management Act

#### Additional legal authority

**Designation** State

**ManagmentType** Fishery Conservation Zone

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** MGL c.130 § 17

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### Species Resource Groups Present

Site_ID	Attribute
MA52	Benthic Invertebrates (mobile and sessile)
MA52	Birds (Estuarine/Coastal)
MA52	Birds (Other)
MA52	Birds (Seabird)
MA52	Birds (Waterfowl)
MA52	Fish (Anadromous)
MA52	Fish (Coastal Pelagic)
MA52	Fish (Demersal East Coast)
MA52	Fish (Estuarine/Coastal Marine)
MA52	Marine Mammals (Pinnipeds)
MA52	Rocky Intertidal (Algae)

### Potential Species Resource Groups

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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## Present Physical Resource Groups

Site_ID	Attribute
MA52	Beach
MA52	Barrier Islands
MA52	Wetlands/MudFlats
MA52	Rivers/Streams
MA52	CMECS (Estuary)
MA52	CMECS (Fresh Water Influenced)
MA52	CMECS (Nearshore Marine)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

Site_ID	Attribute
MA52	Marine mammal haulout
MA52	Bird nesting habitat
MA52	Fish spawning area
MA52	Nursery grounds
MA52	Bird migratory area
MA52	Nursery grounds
MA52	Marine Mammal Breeding area
MA52	Endangered Species (ESA listed)

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

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### Present Cultural Resource Groups

No data found

### Potential Cultural Resources Groups

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 Management Activity Resource Groups

Site_ID	Attribute
MA52	Biological Monitoring Program
MA52	Tours and Docents
MA52	Interpretive signage
MA52	Science Center or Museum
MA52	Volunteer Program

### Potential Management Activity Resource Groups

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

## Review Agency Massachusetts Division of Marine Fisheries

**Site ID** MA54

**Site Name** Right Whale Critical Habitat and Adjacent Waters Restricted Gear Area

**Site URL** GBIF

**Program Authority** Magnuson-Stevens Fishery Conservation and Management Act

### Additional legal authority

**Designation** State

**ManagementType** Gear Restricted Area

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Federal Register 59 FR 28793

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### Species Resource Groups Present

Site_ID	Attribute
MA54	Birds (Seabird)
MA54	Birds (Estuarine/Coastal)
MA54	Birds (Other)
MA54	Birds (Waterfowl)
MA54	Marine Mammals (Cetaceans)
MA54	Fish (Coastal Pelagic)
MA54	Fish (Anadromous)
MA54	Fish (Demersal East Coast)
MA54	Fish (Estuarine/Coastal Marine)
MA54	Benthic Invertebrates (mobile and sessile)
MA54	Marine Mammals (Pinnipeds)
MA54	Sea Turtle

### Potential Species Resource Groups

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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## Present Physical Resource Groups

Site_ID	Attribute
MA54	Beach
MA54	Wetlands/MudFlats
MA54	Rivers/Streams
MA54	Sea Grass
MA54	CMECS (Estuary)
MA54	CMECS (Nearshore Marine)

## Potential Resource Groups

- 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

## Biological Use Resource Groups

Site_ID	Attribute
MA54	Bird migratory area
MA54	Bird nesting habitat
MA54	Fish spawning area
MA54	Nursery grounds
MA54	Endangered Species (ESA listed)
MA54	Oyster/Shellfish beds
MA54	Sea grass habitat

## Potential Biological Uses Resource Groups

- 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
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

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## Present Cultural Resource Groups

No data found

## Potential Cultural Resources Groups

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 Management Activity Resource Groups

Site_ID	Attribute
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MA54 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

**Review Agency** Massachusetts Division of Marine Fisheries

**Site ID** MA56

**Site Name** Cape Cod Bay Year-Round Fish Pot Trawl Floating Ground Line Prohibiti

**Site URL** GBIF

**Program Authority** Magnuson-Stevens Fishery Conservation and Management Act

### Additional legal authority

**Designation** State

**ManagmentType** Gear Restricted Area

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Federal Register 59 FR 28793

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### Species Resource Groups Present

Site_ID	Attribute
MA56	Benthic Invertebrates (mobile and sessile)
MA56	Birds (Estuarine/Coastal)
MA56	Birds (Other)
MA56	Birds (Seabird)
MA56	Birds (Waterfowl)
MA56	Fish (Anadromous)
MA56	Fish (Coastal Pelagic)
MA56	Fish (Demersal East Coast)
MA56	Fish (Estuarine/Coastal Marine)
MA56	Marine Mammals (Cetaceans)
MA56	Marine Mammals (Pinnipeds)
MA56	Sea Turtle

### Potential Species Resource Groups

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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### Present Physical Resource Groups

Site_ID	Attribute
MA56	Beach
MA56	Wetlands/MudFlats
MA56	Rivers/Streams
MA56	Sea Grass
MA56	CMECS (Estuary)
MA56	CMECS (Nearshore Marine)

### Potential Resource Groups

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

### Biological Use Resource Groups

Site_ID	Attribute
MA56	Bird migratory area
MA56	Bird nesting habitat
MA56	Fish spawning area
MA56	Nursery grounds
MA56	Endangered Species (ESA listed)
MA56	Oyster/Shellfish beds
MA56	Sea grass habitat

### Potential Biological Uses Resource Groups

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
Nursery grounds
Marine Mammal Breeding area
Endangered Species (ESA listed)
Turtle nesting area

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## Present Cultural Resource Groups

No data found

## Potential Cultural Resources Groups

- 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 Management Activity Resource Groups

Site_ID	Attribute
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MA56 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