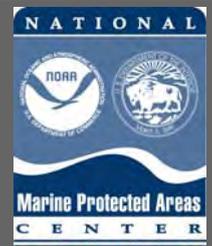


# Improving the MPA Inventory

## 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

Page 1 of 35

**Review Agency** Mariana Islands Division of Fish and Wildlife

**Site ID** MPI

**Site Name** Bird Island Marine Sanctuary

**Site URL** <http://www.dfw.gov.mp/Downloads/Conservation%20Area%20Management%20Plans/FINAL%20BIRD%20ISLAND%20MGT%20PLAN.pdf>

**Program Authority** Coastal Zone Management Act

#### Additional legal authority

**Designation** Territorial

**ManagementType** Natural Area Preserve

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** Bird Island  
Wildlife Conservation Area" (2 NMIAC §85-30.1-330 (c) (1))

#### Notes

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

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## Species Resource Groups Present

Site_ID	Attribute
MPI	Benthic Invertebrates (mobile and sessile)
MPI	Fish (Reef fish, tropical)
MPI	Birds (Other)
MPI	Birds (Estuarine/Coastal)
MPI	Birds (Seabird)
MPI	Sea Turtle
MPI	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

## Present Physical Resource Groups

Site_ID	Attribute
MPI	CoralReef
MPI	Beach
MPI	Sea Grass
MPI	CMECS (Nearshore Marine)
MPI	Islands

## 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
MPI	Coral Reef (Tropical)
MPI	Turtle nesting area
MPI	Endangered Species (ESA listed)
MPI	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:

Friday, January 25, 2013

## Present Cultural Resource Groups

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

MPI 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
---------	-----------

MPI Physical Monitoring Program  
MPI Biological Monitoring Program  
MPI Interpretive signage  
MPI 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** Mariana Islands Division of Fish and Wildlife

**Site ID** MPI I

**Site Name** Northern Marianas Islands Conservation Areas

**Site URL** <http://cnmicoralreef.net/>

**Program Authority** Antiquities Act of 1906

### Additional legal authority

**Designation** Territorial

**ManagementType** Wildlife Area

**AllowedUses** Species extraction/disturbance

**Authority Provided** Northern Marianas Islands Conservation Areas

**Legal Code Reference** CNMI Public Law 12-12

**Notes** 2 NMIAC § 85-30.1-330, apply to CNMI Wildlife Conservation Areas, including the Bird Island Wildlife Conservation Area.

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Species Resource Groups Present

Site_ID	Attribute
MPI I	Benthic Invertebrates (mobile and sessile)
MPI I	Sea Turtle
MPI I	Fish (Reef fish, tropical)
MPI I	Fish (Coastal Pelagic)

## 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
MPI I	CoralReef

### 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
MPI I	Coral Reef (Tropical)

### 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 Management Activity Resource Groups

Site_ID	Attribute
MPI I	Biological Monitoring Program
MPI I	Physical Monitoring Program
MPI I	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 **Mariana Islands Division of Fish and Wildlife**

**Site ID** MPI2

**Site Name** Bird Island Wildlife Conservation Area

**Site URL** <http://www.dfw.gov.mp/Downloads/Conservation%20Area%20Management%20Plans/FINAL%20BIRD%20ISLAND%20MGT%20PLAN.pdf>

**Program Authority** Coastal Zone Management Act

#### Additional legal authority

**Designation** Territorial

**ManagmentType** Wildlife Area

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** 2 NMIAC §85-30.1-330 (c) (1).

**Notes** 2 NMIAC § 85-30.1-330, apply to CNMI Wildlife Conservation Areas, including the Bird Island Wildlife Conservation Area.

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Species Resource Groups Present

Site_ID	Attribute
MP12	Benthic Invertebrates (mobile and sessile)
MP12	Birds (Seabird)
MP12	Birds (Other)
MP12	Birds (Estuarine/Coastal)
MP12	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

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### Present Physical Resource Groups

Site_ID	Attribute
MPI2	CoralReef
MPI2	Beach
MPI2	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
MPI2	Coral Reef (Tropical)
MPI2	Endangered Species (ESA listed)
MPI2	Turtle nesting area
MPI2	Nursery grounds
MPI2	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
---------	-----------

MPI2 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
---------	-----------

MPI2 Tours and Docents

MPI2 Interpretive signage

MPI2 Volunteer Program

MPI2 Biological Monitoring Program

MPI2 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** Mariana Islands Division of Fish and Wildlife

**Site ID** MPI3

**Site Name** Kagman Wildlife Conservation Area

**Site URL** <http://www.taotaotasi.com/search/label/Forbidden%20Island>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** Territorial

**ManagmentType** Wildlife Area

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** 2 NMIAC §85-30.1-330 (c) (1).

**Notes** 2 NMIAC § 85-30.1-330, apply to CNMI Wildlife Conservation Areas, including the Bird Island Wildlife Conservation Area.

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Species Resource Groups Present

Site_ID	Attribute
MP13	Birds (Seabird)
MP13	Benthic Invertebrates (mobile and sessile)
MP13	Birds (Other)
MP13	Sea Turtle
MP13	Fish (Reef fish, tropical)
MP13	Fish (Coastal Pelagic)

## 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
MPI3	Beach
MPI3	Rock Intertidal
MPI3	CoralReef

## 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
MPI3	Coral Reef (Tropical)
MPI3	Endangered Species (ESA listed)
MPI3	Bird nesting habitat
MPI3	Turtle nesting 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

Site_ID	Attribute
MPI3	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
MPI3	Tours and Docents
MPI3	Interpretive signage
MPI3	Volunteer Program
MPI3	Biological Monitoring Program
MPI3	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 Mariana Islands Division of Fish and Wildlife

**Site ID** MPI4

**Site Name** Bird Island Sea Cucumber Reserve

**Site URL** <http://www.dfw.gov.mp/Downloads/Conservation%20Area%20Management%20Plans/FINAL%20BIRD%20ISLAND%20MGT%20PLAN.pdf>

**Program Authority** Coastal Zone Management Act

### Additional legal authority

**Designation** Territorial

**ManagementType** Fishery Conservation Zone

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** 2 NMIAC §85-30.1-330 (c) (1).

### Notes

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Species Resource Groups Present

Site_ID	Attribute
MPI4	Benthic Invertebrates (mobile and sessile)
MPI4	Birds (Estuarine/Coastal)
MPI4	Birds (Other)
MPI4	Birds (Seabird)
MPI4	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
MPI4	CoralReef
MPI4	Beach
MPI4	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
MPI4	Coral Reef (Tropical)
MPI4	Endangered Species (ESA listed)
MPI4	Turtle nesting area
MPI4	Nursery grounds
MPI4	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
---------	-----------

MPI4 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
---------	-----------

MPI4 Tours and Docents

MPI4 Interpretive signage

MPI4 Volunteer Program

MPI4 Biological Monitoring Program

MPI4 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** Mariana Islands Division of Fish and Wildlife

**Site ID** MPI5

**Site Name** Tank Beach Trochus Reserve

**Site URL** Site offline

**Program Authority**

**Additional legal authority**

**Designation** State

**ManagmentType**

**AllowedUses**

**Authority Provided**

**Legal Code Reference**

**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

## QAQC Report

These report data are accurate from:

Friday, January 25, 2013

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### Present Physical Resource Groups

No data found

### 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

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** Mariana Islands Division of Fish and Wildlife

**Site ID** MP2

**Site Name** Forbidden Island Marine Sanctuary

**Site URL** <http://www.taotaotasi.com/search/label/Forbidden%20Island>

**Program Authority** Coastal Zone Management Act

**Additional legal authority**

**Designation** Territorial

**ManagmentType** Marine Reserve

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** 2 NMIAC §85-30.1-330 (c) (1).

**Notes** 2 NMIAC § 85-30.1-330, apply to CNMI Wildlife Conservation Areas, including the Kagman Wildlife Conservation Area.

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Species Resource Groups Present

Site_ID	Attribute
MP2	Benthic Invertebrates (mobile and sessile)
MP2	Birds (Other)
MP2	Birds (Seabird)
MP2	Sea Turtle
MP2	Fish (Reef fish, tropical)
MP2	Fish (Coastal Pelagic)

## 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
MP2	Beach
MP2	Rock Intertidal
MP2	CoralReef

## 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
MP2	Coral Reef (Tropical)
MP2	Endangered Species (ESA listed)
MP2	Bird nesting habitat
MP2	Turtle nesting 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
MP2	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
MP2	Tours and Docents
MP2	Interpretive signage
MP2	Volunteer Program
MP2	Biological Monitoring Program
MP2	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 **Mariana Islands Division of Fish and Wildlife**

**Site ID** MP3

**Site Name** Managaha Marine Conservation Area

**Site URL** <http://www.dfw.gov.mp/Downloads/Conservation%20Area%20Management%20Plans/Managaha%20Mgt%20Plan%20FINAL.pdf>

### Program Authority

#### Additional legal authority

**Designation** Territorial

**ManagementType** Wildlife Area

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** 2 NMIAC § 85-30.1-330, apply to CNMI Wildlife Conservation Areas, including the Kagman Wildlife Conservation Area.

**Notes** 2 NMIAC § 85-30.1-330, apply to CNMI Wildlife Conservation Areas, including the Bird Island Wildlife Conservation Area.

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### Species Resource Groups Present

Site_ID	Attribute
MP3	Birds (Seabird)
MP3	Birds (Estuarine/Coastal)
MP3	Fish (Coastal Pelagic)
MP3	Fish (Reef fish, tropical)
MP3	Benthic Invertebrates (mobile and sessile)
MP3	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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These report data are accurate from:

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## Present Physical Resource Groups

Site_ID	Attribute
MP3	CMECS (Nearshore Marine)
MP3	CoralReef

## 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
MP3	Coral Reef (Tropical)
MP3	Endangered Species (ESA listed)
MP3	Nursery grounds
MP3	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

## 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
MP3	Interpretive signage
MP3	Science Center or Museum
MP3	Biological Monitoring Program
MP3	Physical Monitoring Program
MP3	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** Mariana Islands Division of Fish and Wildlife**Site ID** MP4**Site Name** Lighthouse Reef Trochus Reserve**Site URL** [http://www.pdc.org/mde/full\\_metadata.jsp?docId=%7B905546E9-14E2-4ABB-8457-8407DDEA0F7E%7D](http://www.pdc.org/mde/full_metadata.jsp?docId=%7B905546E9-14E2-4ABB-8457-8407DDEA0F7E%7D)**Program Authority****Additional legal authority****Designation** State**ManagmentType****AllowedUses****Authority Provided****Legal Code Reference**

**Notes** Lighthouse Reef Trochus Sanctuary These sites were established by CNMI public law document number 2-51 (H.B. No. ??). The Saipan and Tinian nautical chart (No. 81067) was used to identify the lighthouse through which a East-West line was drawn. This line was buffered 1 mile south. The Sapain Lagoon LIDAR was used to generate the 40 ft. depth contour and the Saipan Bethic Habitat data was used to represent the inshore edge of the reef. The intersection points of these lines completed the boundary.

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## Species Resource Groups Present

Site_ID	Attribute
MP4	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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These report data are accurate from:

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## Present Physical Resource Groups

Site_ID	Attribute
MP4	CoralReef
MP4	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
MP4	Coral Reef (Tropical)

## 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** Mariana Islands Division of Fish and Wildlife

**Site ID** MP5

**Site Name** Laulau Bay Sea Cucumber Reserve

**Site URL** [http://www.youtube.com/watch?v=cEqOBFm6\\_tc](http://www.youtube.com/watch?v=cEqOBFm6_tc)

**Program Authority** Coastal Zone Management Act

#### Additional legal authority

**Designation** Territorial

**ManagementType** Fishery Conservation Zone

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** 2 NMIAC §85-30.1-330 (c) (1).

#### Notes

# QAQC Report

These report data are accurate from:

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## Species Resource Groups Present

Site_ID	Attribute
MP5	Benthic Invertebrates (mobile and sessile)
MP5	Fish (Reef fish, tropical)
MP5	Sea Turtle
MP5	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
MP5	CoralReef

## 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
MP5	Coral Reef (Tropical)

## 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** Mariana Islands Division of Fish and Wildlife

**Site ID** MP7

**Site Name** Sasanhaya Fish Reserve

**Site URL** <http://www.dfw.gov.mp/Fisheries/Sasanhaya.html#>

**Program Authority** Coastal Zone Management Act

#### Additional legal authority

**Designation** Territorial

**ManagementType** Fishery Conservation Zone

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** 2 NMIAC §85-30.1-330 (c) (1).

#### Notes

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## Species Resource Groups Present

Site_ID	Attribute
MP7	Fish (Reef fish, tropical)
MP7	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
MP7	CoralReef
MP7	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
MP7	Coral Reef (Tropical)

## 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