

MBARA Diver's Reef Survey Form

Updated 4 April 2010

Reef Site Name: MB 114

Position Readings:

GPS Manufacturer & model:

N Lat.: 29 54.401

W Lon.: 85 32.170

Sonar Depth: 56'

Survey Date & Time: 19 Jun 2010, 1600

Weather conditions and sea state: Cloudy, 2-ft seas

Boat Name: Bobcat

Boat Captain: Bob Cox

Dive Leader: Bob Cox

Dive Team Members: Carol Cox

Diver Observations

Computer/Depth Gauge Depth: 60'

Diver Bottom Time on Survey: :40

Water Temp: Surface: 88F Bottom: 74F

Water Visibility: Surface: 50' Bottom: 30'

Thermocline Depth: 30' and 50'

Current direction and speed: West, .5 knots

Other noted water column characteristics (plankton, algae, jellyfish, turbidity, etc): suspended particles

Description of Bottom Composition (sand, silt, mud, gravel, shell, etc):

Sand

Description of Reef Materials & Quantity:

Located only 5 of 12 ARI Pyramid modules due to wide disbursement.

Reef Height (highest point):

6-7 feet

Reef Physical Condition (Durability and Stability): Excellent

Storm damage or movement? If yes, describe: none

Other damage or movement? If yes, describe: none

Fish Count:

Species:	Quantity	Size
Angelfish, Queen		
Angelfish, Blue		
Baitfish - Mackerel Scad (Cigar Minnows)		
Baitfish - Menhaden		
Baitfish - Pinfish		
Baitfish, species?		
Barracuda - Guaguanche		
Barracuda-Great		
Batfish, Polka-Dot		
Blenny, unk	5	2"
Blenny, Seaweed	40	1-2"
Blenny, Tessallated		
Butterflyfish, Reef		
Butterflyfish, Spotfin		
Cardinalfish, Two-Spot		
Cobia (Ling)		
Cowfish, Honeycomb		
Croaker, Atlantic		
Damselfish - Beaugregory		
Damselfish - Cocoa	10	.5"
Damselfish - Purple Reeffish		
Damselfish - Yellowtail Reeffish		
Damselfish species unknown?		
Dolphin, Bottlenose		
Drum - Cubbyu		
Eel, species?		
Flounder, Gulf	3	10-14"
Frogfish, Ocellated		
Goby, Blue		
Goby, Bridled		
Goby, species?		
Grouper, Gag	50	2-20"
Grouper, Goliath		
Grouper, Red		

Grouper, Rock Hind		
Grouper, Scamp		
Grunt - Tomtate	100	1"
Grunt, species?		
Grunt, White		
Jack - Bluefish		
Jack - Greater Amberjack	30	18-24"
Jack species unknown		
Jack, Almaco (Lesser)		
Jack, Lookdown		
Jack, Rainbow Runner		
Lizardfish, Blue-Lined		
Mackerel, King		
Mackerel, Spanish		
Mahi		
Porgy species unknown	4	10"
Porgy - Sheepshead	6	12-18"
Puffer - Balloonfish		
Puffer, Sharpnose		
Ray, Manta		
Ray, Southern Stingray		
Remora (Sharksucker)	2	24"
Sailfish		
Seabass, Bank		
Seabass, Belted		
Shark, species?		
Snapper, Bigeye		
Snapper, Gray (Black)	50	10-20"
Snapper, Red	150	10-24"
Snapper, Vermillion (Mingo)		
Soapfish, Whitespotted	20	6"
Spadefish, Atlantic	60	10-16"
Toadfish, Leopard		
Triggerfish, Gray	20	8-16"
Wrasse - Slippery Dick		

Other:

Description of Biological Growth on Reef:

Species	Quantity/Area of Coverage (% of area or dimensions)	Size	Color
Algae			
Barnacles			
Christmas Tree Worm			
Coral - Colorful Sea Whip	3	18"	red
Coral - unidentified gorgonian			
Coral - White Telesto			
Corkscrew Anemone			
Tube Anemone			
Hard Corals-Assorted			
Mussels			
Oyster, species?			
Sea Scallop			
Sponges			

Other:

Description of Invertebrates on Reef:

Species	Quantity	Size
Cowry - Atlantic Deer		
Cowry - Spotted Cyphoma		
Crab, Blue		
Crab, Rock		
Crab, Sargassum Swimming		
Crab, Stareye Hermit		
Crab, Yellowline Arrow		
Crab, species?		
Lobster, Shovelnose		
Lobster, Spinny		
Sea Cucumber		
Sea Slug, Species?		
Sea Urchin		
Snail - Atlantic Harry Triton		
Snail - Giant Eastern Murex		
Snail - Netted Olive		
Snail - Queen Helmet		
Snail - Spiny Murex		
Snail - True Tulip		
Snail- Florida Horse Conch		
Shrimp, unk gorgonian shrimp	3	.5 cm

Other: West Indian Simnia 2 .5" red

Marine Amphibians:

Species	Quantity	Size	Color
Turtle, Loggerhead			
Turtle, Green			
Turtle, Leatherback			
Turtle, Species?			

Other:

Other Observations:







