

MBARA Diver's Reef Survey Form

Updated 4 April 2010

Reef Site Name: MB 46 Joe Rizzie Memorial Reef

Position Readings: 29.53.718 85.32.401

GPS Manufacturer & model: Garmin 188C

Sonar Depth: 65 ft

Survey Date & Time: 15 Oct 2010 1530

Weather conditions and sea state: Calm and Sunny

Boat Name: Bobcat

Boat Captain: Bob Cox

Dive Leader: Bob Cox

Dive Team Members: Carol Cox

Diver Computer/Depth Gauge Depth: 66ft

Diver Bottom Time on Survey: :60

Water Temp: Surface: 78F Bottom: 73F

Water Visibility: Surface: 25 ft Bottom: 25 ft

Thermocline Depth:

Current direction and speed:

Other water column characteristics (plankton, algae, jellyfish, turbidity):

Salps

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

Reef Materials & Quantity: 2 ARI pyramids, both on side

Reef Highest Point: 6 ft

Physical Condition (Durability, stability, storm damage, other damage or movement): Excellent. Pyramids found 350 feet North of previous coordinates laying on their sides. Suspect movement by shrimp trawler nets dragging.

Marine Amphibians:

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

Fish Count:

Species:	Quantity	Size
Angelfish, Queen		
Angelfish, Blue		
Baitfish - Round Scad (Cigar Minnows)	1,000+	2"
Baitfish – Glass Minnow (Bay Anchovy)	1,000+	1"
Baitfish - Pinfish		
Baitfish, species?		
Barracuda - Guaguanche		
Barracuda-Great		
Batfish, Polka-Dot		
Blenny, Molly Miller		
Blenny, Seaweed	5	1"
Blenny?		
Butterflyfish, Spotfin	1	1"
Butterflyfish?		
Cardinalfish, Two-Spot	15	1"
Cobia (Ling)		
Cowfish, Scrawled		
Chromis - Purple Reeffish		
Chromis - Yellowtail Reeffish		
Damselfish - Cocoa	30	½ - 2"
Damselfish sp? Bicolor	1	1"
Dolphin, sp?		
Drum - Cubbyu	1	4"
Eel?		
Flounder, Gulf	3	14"
Frogfish, Ocellated		
Goby, Spotted		
Goby?		
Grouper, Gag		
Grouper, Goliath		
Grouper, Red		
Grouper, Rock Hind		
Grouper, Scamp		

Grunst - Tomtate	50	2"
Grunst, White		
Grunst?		
Jack – Blue Runner (Hard Tail)		
Jack - Greater Amberjack		
Jack?		
Jack, Almaco (Lesser)		
Jack, Lookdown		
Jack, Rainbow Runner		
Lizardfish, Blue-Lined		
Mackeral, King		
Mackeral, Spanish		
Mahi		
Porgy? Saucereye	20	12"
Porgy - Sheepshead		
Puffer, Sharpnose		
Puffer?		
Ray, Manta		
Ray, Southern Stingray		
Remora or Sharksucker	1	9"
Sand Perch	15	2-4"
Seabass, Bank	10	4"
Seabass, Belted Sandfish	25	1"
Shark, Nurse	1	6'
Snapper, Gray (Black)		
Snapper, Red	20	1-18"
Snapper, Vermillion (Mingo)	10	3"
Snapper? Lane	20	1-10"
Soapfish, Whitespotted	4	3"
Spadefish, Atlantic	10	9"
Toadfish, Leopard		
Triggerfish, Gray	1	10"
Wrasse - Slippery Dick	30	3"

Other:

Pygmy Sea Bass	10	1"
Green Razorfish	3	1-2"

Description of Biological Growth on Reef:

Species	Quantity/Area of Coverage (% of area or dimensions)	Size	Color
Algae			
Barnacles			
Feather Duster worms			
Coral - Colorful Sea Whip			
Coral - unk gorgonian			
Coral - White Telesto			
Bulb Anemone			
Tube Anemone			
Hard Corals-Assorted			
Mussels			
Oyster, sp?			
Scallops sp?			
Sponges	5%, encrusting		Org/Ylw

Other:

Description of Invertebrates on Reef:

Species	Quantity	Size
Cowry - Atlantic Deer		
Cowry - Spotted Cyphoma		
Crab, Blue		
Crab, Stone		
Crab, Sargassum Swimming	1	3"
Crab, Stareye Hermit		
Crab, Yellowline Arrow	25	1-4"
Crab? Giant Hermit Crab	6	3"
Lobster, Shovelnose		
Lobster, Spiny		
Sea Cucumber		
Brittle Starfish	1	5"
Sea Urchin	40	3"
Snail - Atlantic Harry Triton		
Snail - Giant Eastern Murex		
Snail - Netted Olive		
Snail - Queen Helmet		
Snail - Spiny Murex		
Snail?	10	2"
Snail- Florida Horse Conch	1	10"
Shrimp, Lysmata ankeri	6	1"

Other:

Other Observations/Photos:











