

MBARA Diver's Reef Survey Form

Updated 8 Aug 2010

Reef Site Name: MB 2 Steve Mason Memorial

Position Readings:

GPS Manufacturer & model: Garmin 188C

N Lat.: 29 55.036

W Lon.: 85 24.437

Sonar Depth: 25'

Survey Date & Time: 10 Sep 2010/1000

Weather conditions and sea state: Sunny/Calm

Boat Name: BobCat

Boat Captain: Bob Cox

Dive Leader: Bob Cox

Dive Team Members: Carol Cox

Diver Observations

Computer/Depth Gauge Depth: 25'

Diver Bottom Time on Survey: :35

Water Temp: Surface: 87F Bottom: 87F

Water Visibility: Surface: 5' Bottom: 3'

Thermocline Depth: None

Current direction and speed: None

Other noted water column characteristics (plankton, algae, jellyfish, turbidity, etc): Low tide. Very turbid with out flow from St Joe Bay.

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

Sand and silt.

Description of Reef Materials & Quantity: 3 Small ARI Pyramids

Reef Height (highest point): 3'

Reef Physical Condition (Durability and Stability): Excellent. Some subsidence observed.

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 - Round Scad (Cigar Minnows)		
Baitfish – Glass Minnow (Bay Anchovy)		
Baitfish - Menhaden		
Baitfish - Pinfish		
Baitfish, species?		
Barracuda - Guaguanche		
Barracuda-Great		
Batfish, Polka-Dot		
Blenny, Molly Miller		
Blenny, Seaweed	3	1"
Blenny, Tessallated		
Bonito		
Butterflyfish, Reef		
Butterflyfish, Spotfin		
Cardinalfish, Two-Spot		
Cobia (Ling)		
Cowfish, Scrawled		
Croaker, Atlantic		
Chromis - Purple Reeffish		
Chromis - Yellowtail Reeffish		
Damselfish - Cocoa		
Damselfish sp?		
Dolphin, sp?		
Drum - Cubbyu	1	8"
Eel, species?		
Flounder, Gulf	1	12"
Frogfish, Ocellated		
Goby, Blue		
Goby, Bridled		
Goby, species?		
Grouper, Gag	2	8-10"
Grouper, Goliath		
Grouper, Red		
Grouper, Rock Hind		

Grouper, Scamp		
Grunt - Tomtate	5	6"
Grunt, White	2	8"
Grunt, sp?		
Jack – Blue Runner (Hard Tail)		
Jack - Greater Amberjack		
Jack sp?		
Jack, Almaco (Lesser)		
Jack, Lookdown		
Jack, Rainbow Runner		
Lizardfish, Blue-Lined		
Mackeral, King		
Mackeral, Spanish		
Mahi		
Margate, Black		
Porgy, Saucereye		
Porgy - Sheepshead	1	14"
Puffer - Balloonfish		
Puffer, Sharpnose		
Ray, Manta		
Ray, Southern Stingray		
Remora (Sharksucker)		
Sailfish		
Seabass, Bank		
Seabass, Belted Sandfish		
Shark, sp?		
Snapper, Bigeye		
Snapper, Gray (Black)		
Snapper, Red		
Snapper, Vermillion (Mingo)		
Soapfish, Whitespotted		
Spadefish, Atlantic	30	4-6"
Toadfish, Leopard		
Triggerfish, Gray		
Wrasse - Slippery Dick		

Other:

Description of Biological Growth on Reef:

Species	Quantity/Area of Coverage (% of area or dimensions)	Size	Color
Algae			
Barnacles	30%	.5"	
Christmas Tree Worm			
Coral - Colorful Sea Whip			
Coral - unk gorgonian			
Coral - White Telesto			
Bulb Anemone			
Tube Anemone			
Hard Corals-Assorted	80%	2-3"	Brn
Mussells			
Oyster, sp?			
Scallops sp?			
Sponges	5%	8"	Pink

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, Spiny		
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		
Invertebrate, species?		

Other: Unknown Snails

30

1"

Marine Amphibians:

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

Other:

Other Observations:





