

MBARA Diver's Reef Survey Form

Updated 25 Oct 2010

Reef Number/Name: MB 37 Baxter Reef #1

Position: N29 54.839 W85 32.629

GPS manufacturer & model: Garmin 188C

Sonar Depth: 59ft

Survey Date & Time: 16 Oct 2010 1430

Weather conditions and sea state: Sunny and calm

Boat Name: Bobcat

Boat Captain: Bob Cox

Dive Leader: Bob Cox

Dive Team Members: Carol Cox

Depth Gauge Depth: 60ft

Diver Bottom Time: :30

Water Temp: Surface: 76F Bottom: 71F

Water Visibility: Surface: 30' Bottom: 20'

Thermocline Depth:

Current direction and speed:

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

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

sand

Reef Materials & Quantity:

Found 2 reef balls

Reef Highest Point:

3ft

Physical Condition (Durability, stability, storm damage, other damage or movement): Good. One reef ball cracked.

Marine Amphibians:

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

Fish Count:

Species:	Quantity	Size
Angelfish, Queen		
Angelfish, Blue		
Barracuda - Guaguanche		
Barracuda-Great		
Batfish, Polka-Dot		
Blenny, Molly Miller		
Blenny, Seaweed		
Blenny?		
Butterflyfish, Spotfin		
Butterflyfish?		
Cardinalfish, Two-Spot		
Cobia (Ling)		
Cowfish, Scrawled		
Chromis - Purple Reeffish		
Chromis - Yellowtail Reeffish		
Damselfish - Cocoa		
Damselfish?		
Dolphin?		
Drum , Cubbyu	4	4"
Drum, Jackknifefish		
Eel?		
Flounder, Gulf		
Frogfish, Ocellated		
Goby, Spotted		
Goby?		
Grouper, Gag		
Grouper, Goliath		
Grouper, Red		
Grouper, Rock Hind		
Grouper, Scamp		
Grunt, Tomtate	20	4-8"
Grunt , White		
Grunt?		

Jack, Almaco (Lesser)		
Jack – Blue Runner		
Jack - Greater Amberjack		
Jack, Lookdown		
Jack, Rainbow Runner		
Jack, Round Scad		
Jack?		
Lizardfish, Blue-Lined		
Mackeral, King		
Mackeral, Spanish		
Mahi		
Pinfish		
Sheepshead Porgy	1	8"
Porgy - Sheepshead		
Puffer, Bandtail		
Puffer, Sharpnose		
Puffer?		
Ray?		
Remora or Sharksucker		
Sand Perch	10	5-7"
Seabass, Bank		
Seabass, Belted Sandfish		
Seabass, Pygmy		
Snapper, Gray (Black)		
Snapper, Lane		
Snapper, Red		
Snapper, Vermillion		
Snapper?		
Soapfish, Whitespotted	2	6"
Spadefish, Atlantic		
Toadfish, Leopard		
Triggerfish, Gray	1	10"
Wrasse - Slippery Dick	1	4"
Glass Minnows	100	2"
Shark?		

Growth on Reef (Include names if known):

Species	Quantity/Area of Coverage (% of area or dimensions)	Size	Color
Algae			
Barnacles			
Feather Duster worms			
Anemone			
Coral - White Telesto			
Coral - Colorful Sea Whip			
Coral - gorgonian			
Hard Coral			
Bivalves			
Sponges			

Invertebrates on Reef (Names if known):

Species	Quantity	Size
Cowry – West Indian Simnia		
Cowry - Spotted Cyphoma		
Crab, Stone		
Crab, Sargassum Swimming		
Crab, Stareye Hermit		
Crab, Yellowline Arrow		
Lobster, Shovelnose		
Lobster, Spiny		
Sea Cucumber		
Sea Slug		
Sea Star		
Sea Urchin		
Snail - Atlantic Hairy Triton		
Snail - Murex		
Snail - Netted Olive		
Snail- Florida Horse Conch		

Other Observations/Photos:

