

MBARA Diver's Reef Survey Form

Updated 4 April 2010

Reef Site Name: MB-77 Bobby Guildford Reef

Position Readings:

GPS Manufacturer & model: Garmin 188C

N Lat.: 29 53.234 W Lon.: 85 32.620

Sonar Depth: 69'

Survey Date & Time: 24 Aug 2010/1430

Weather conditions and sea state: 1-2 ft seas, overcast

Boat Name: Bob Cat

Boat Captain: Bob Cox

Dive Leader: Bob Cox

Dive Team Members: Carol Cox

Diver Observations

Computer/Depth Gauge Depth: 70'

Diver Bottom Time on Survey: :60

Water Temp: Surface: 87F Bottom: 70F

Water Visibility: Surface: 40' Bottom: 25'

Thermocline Depth: 40'

Current direction and speed: SW .5kt

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

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

Description of Reef Materials & Quantity: Concrete Poles and Rubble

Reef Height (highest point): 8' at upright rebar

Reef Physical Condition (Durability and Stability): Good

Storm damage or movement? If yes, describe: None

Other damage or movement? If yes, some material submerged in sand.

Fish Count:

Species:	Quantity	Size
Angelfish, Queen		
Angelfish, Blue	1	1"
Baitfish - Round Scad (Cigar Minnows)	1	2"
Baitfish – Glass Minnow (Bay Anchovy)		
Baitfish - Menhaden		
Baitfish - Pinfish		
Baitfish, species?		
Barracuda - Guaguanche		
Barracuda-Great		
Batfish, Polka-Dot		
Blenny, Molly Miller		
Blenny, Seaweed	10	1-3"
Blenny, Tessallated		
Butterflyfish, Reef		
Butterflyfish, Spotfin	4	1-2"
Cardinalfish, Two-Spot	15	2"
Cobia (Ling)		
Cowfish, Scrawled		
Croaker, Atlantic		
Chromis - Purple Reeffish		
Chromis - Yellowtail Reeffish		
Damselfish - Cocoa	20	.5-2"
Damselfish sp?		
Dolphin, sp?		
Drum - Cubbyu	50	2-9"
Eel, Conger	2	15-20"
Flounder, Gulf	4	20"
Frogfish, Ocellated		
Goby, Blue		
Goby, Bridled		
Goby, spotted	2	2"
Grouper, Gag	40	12-22"
Grouper, Goliath		
Grouper, Red	3	10"
Grouper, Rock Hind		

Grouper, Scamp	10	12"
Grunt - Tomtate	1,000	1-8"
Grunt, White		
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		
Porgy, Saucereye		
Porgy – Sheepshead Porgy	4	10"
Puffer - Balloonfish		
Puffer, Sharpnose		
Ray, Manta		
Ray, Southern Stingray		
Remora (Sharksucker)		
Sailfish		
Seabass, Sand Perch	2	3"
Seabass, Belted Sandfish	10	2"
Shark, sp?		
Snapper, Bigeye		
Snapper, Gray (Black)		
Snapper, Red	6	1-15"
Snapper, Vermillion (Mingo)		
Soapfish, Whitespotted	4	4-6"
Spadefish, Atlantic		
Toadfish, Leopard	1	18"
Triggerfish, Gray	20	8-18"
Wrasse - Slippery Dick	30	1-5"

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	20	12-18"	red
Coral - unk gorgonian	5	12"	Red
Coral - White Telesto	5	4"	Peach
Bulb Anemone	5	3"	
Tube Anemone	1	4"	grey
Hard Corals-Assorted			
Mussels			
Oyster, sp?			
Scallops sp?			
Sponges	2%	1-24"	white

Other:

Description of Invertebrates on Reef:

Species	Quantity	Size
Cowry – West Indian Simnia		
Cowry - Spotted Cyphoma		
Crab, Blue		
Crab, Stone		
Crab, Sargassum Swimming		
Crab, Stareye Hermit		
Crab, Yellowline Arrow	20	1-5"
Crab, species?		
Lobster, Shovelnose		
Lobster, Spiny		
Sea Cucumber	1	6"
Sea Slug, Species?		
Sea Urchin	50	3"
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:

Marine Amphibians:

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

Other:







