

MBARA F k x 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 ø

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 ø

Diver Bottom Time on Survey: :60

Water Temp: Surface: 87F Bottom: 70F

Water Visibility: Surface: 4 2 ø Bottom: 25 ø

Thermocline Depth: 6 2 ø

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 ø 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	
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-
Blenny, Tessallated		
Butterflyfish, Reef		
Butterflyfish, Spotfin	4	1-
Cardinalfish, Twospot	15	
Cobia (Ling)		
Cowfish, Scrawled		
Croaker, Atlantic		
Chromis Purple Reef fish		
Chromis Yellowtail Reef fish		
Damselfish Cocoa	20	.5-2
Damselfish sp?		
Dolphin, sp?		
Drum- Cubbyu	50	2-
Eel, Conger	2	15-20
Flounder, Gulf	4	
Frogfish, Ocellated		
Goby, Blue		
Goby, Bridled		
Goby, spotted	2	
Grouper, Gag	40	12-22
Grouper, Goliath		
Grouper, Red	3	
Grouper, Rock Hind		

Grouper, Scamp	10	
Grunt-Tomtate	1,000	1-
Grunt, White		
Grunt, sp?		
Jack Blue Runner (Hard Tail)		
Jack-Greater Amberjack		
Jack sp?		
Jack, Almaco (Lesser)		
Jack, Lookdown		
Jack, Rainbow Runner		
Lizardfish, Bridled		
Mackeral, King		
Mackeral, Spanish		
Mahi		
Porgy Saucereye		
Porgy Sheepshead		
Porgy	4	
Puffer-Balloonfish		
Puffer, Sharpnose		
Ray, Manta		
Ray, Southern Stingray		
Remora (Sharksucker)		
Sailfish		
Seabass Sand Perch	2	
Seabass, Belted Sandfish	10	
Shark, sp		
Snapper, Bigeye		
Snapper, Gray (Black)		
Snapper, Red	6	1-
Snapper, Vermillion (Mingo)		
Soapfish, Whitespotted	4	4-6
Spadefish, Atlantic		
Toadfish, Leopard	1	18"
Triggerfish, Gray	20	8-
Wrasse Slippery Dick	30	1-

Other:

Description of Biological Growth on Reef:

Species	Quantity/ Area of Coverage (% of area or dimension)	Size	Color
Algae			
Barnacles			
Christmas Tree Worm			
Coral- Colorful Sea Whip	20	12-	red
Coral- unkgorgonian	5		Red
Coral- White Telesto	5		Peach
Bulb Anemone	5		
Tube Anemone	1		grey
Hard Coral Assorted			
Mussels			
Oyster, sp			
Scallops sp?			
Sponges	2%	1-	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-
Crab, species?		
Lobster, Shovelnose		
Lobster, spny		
Sea Cucumber	1	6
Sea Slug, Species?		
Sea Urchin	50	
Snail- Atlantic Harry Triton		
Snail- Giant Eastern Murex		
Snail- Nettid 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:







