

# MBARA F k x Reef Survey Form

Updated 4 April 2010

Reef Site Name: MB 74 Octswctfvøu " Dctig

Position Readings:

GPS Manufacturer & model: Garmin 188C

N Lat.: 29 53.523 W Lon.: 85 32.413

Sonar Depth: 8 8 ø

Survey Date & Time: 17 Jun 2010 1400

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

Boat Name: Bobcat

Boat Captain: Bob Cox

Dive Leader: Bob Cox

Dive Team Members: Carol Cox

Diver Observations

Computer/Depth Gauge Depth: 9 2 ø

Diver Bottom Time on Survey: :50

Water Temp: Surface: 88F Bottom: 70F

Water Visibility: Surface: 9 2 ø Bottom: 7 2 ø

Thermocline Depth: 4 7 ø " c p f " 6 2 ø

Current direction and speed:

Other noted water column characteristics (plankton, algae, jellyfish, turbidity, etc): Salps, organic drifters

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

Sand

Description of Reef Materials & Quantity: Barge

Reef Height (highest point): 8 ø

Reef Physical Condition (Durability and Stability): Excellent

Storm damage or movement? If yes, describe: None

Other damage or movement? If yes, describe: Rusting at seams.

Minor hull cracks.

## Fish Count:

Species:	Quantity	Size
Angelfish, Queen		
Angelfish, Blue	8	-
Baitfish Mackerel Scad (Cigar Minnows)		
Baitfish Menhaden		
Baitfish Pinfish		
Baitfish, species?	1,000+	
Barracuda Guaguanche	6	-
Barracuda Great		
Batfish, Polka Dot		
Blenny, Molly Miller		
Blenny, Seaweed	30	
Blenny, Tessallated		
Butterflyfish, Reef		
Butterflyfish, Spotfin		
Cardinalfish, Twospot		
Cobia (Ling)		
Cowfish, Honeycomb		
Croaker, Atlantic		
Damselfish Beaugregory		
Damselfish Cocoa	5	-
Damselfish Purple Reeffish		
Damselfish Yellowtail Reeffish		
Damselfish species unknown?		
Dolphin, Bottlenose		
Drum- Cubbyu	50	-
Eel, species?		
Flounder, Gulf	10	-
Frogfish, Ocellated		
Goby, Blue		
Goby, Bridled		
Goby, species?		
Grouper, Gag	40	-
Grouper, Goliath		
Grouper, Red		

Grouper, Rock Hind		
Grouper, Scamp	4	
Grunt-Tomtate	600	-
Grunt, species?		
Grunt, White		
Jack- Bluefish		
Jack- Greater Amberjack	7	18-24
Jack species unknown		
Jack, Almaco (Lesser)		
Jack, Lookdown		
Jack, Rainbow Runner		
Lizardfish, Bluelined		
Mackerel, King		
Mackerel, Spanish		
Mahi		
Porgy species unknown	50	-
Porgy Sheepshead		
Puffer- Balloonfish		
Puffer, Sharpnose		
Ray, Manta		
Ray, Southern Stingray	1	10ft
Remora (Sharksucker)		
Sailfish		
Seabass, Bank		
Seabass, Belted Sandfish	8	-
Shark, species?		
Snapper, Bigeye		
Snapper, Gray (Black)	20	-
Snapper, Red	40	-
Snapper, Vermillion (Mingo)		
Soapfish, Whitespotted	8	-
Spadefish, Atlantic		
Toadfish, Leopard		
Triggerfish, Gray		
Wrasse Slippery Dick		

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	90%		purple, red
Coral- unidentified gorgonia			
Coral- White Telesto			
Corkscrew Anemone			
Tube Anemone	8	-	multi
Hard Coral- Assorted			
Mussels			
Oyster, species- Borse	75%	-	
Sea Scallop			
Sponges			

**Other: Bulb Anemone**

**30**

**5 ö**

## Description of Invertebrates on Reef:

Species	Quantity	Size
Cowry Atlantic Deer		
Cowry Spotted Cyprina	1	
Crab, Blue		
Crab, Rock		
Crab, Sargassum Swimming		
Crab, Stareye Hermit		
Crab, Yellowline Arrow		
Crab, species?		
Lobster, Shovelnose		
Lobster, Spinny		
Sea Cucumber	5	12-
Sea Slug, Species?		
Sea Urchin	100	
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:

## Other Observations:





