

MBARA F k x Reef Survey Form

Updated 4 April 2010

Reef Site Name: MB-16 Mike Neel Memorial Reef #1

Position Readings:

GPS Manufacturer & model: Garmin 188C

N Lat.: 29.53.934 W Lon.: 85.30.670

Sonar Depth: 43 ft

Survey Date & Time: 19 Sep 2010 1700

Weather conditions and sea state: Calm and Sunny

Boat Name: Bobcat

Boat Captain: Bob Cox

Dive Leader: Bob Cox

Dive Team Members: Carol Cox

Diver Observations

Computer/Depth Gauge Depth: 43 feet

Diver Bottom Time on Survey: :40

Water Temp: Surface: 87F Bottom: 80F

Water Visibility: Surface: 20ft Bottom: 30ft

Thermocline Depth: NA

Current direction and speed: NA

Other noted water column characteristics (plankton, algae, jellyfish, turbidity, etc): organic material, comb jellyfish

Description of Bottom Composition: sand

Description of Reef Materials & Quantity: 5 Reefballs

Reef Height (highest point): 3 ft

Reef Physical Condition (Durability and Stability):

Storm damage or movement? If yes, describe: Some sinking

Other damage or movement? If yes, describe: Two have large holes ô probably anchor damage

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	1		
Coral- unkgorgonian	2		
Coral- White Telesto			
BulbAnemone			
Tube Anemone	1		
Hard Coral- Assorted			
Mussels			
Oyster, sp			
Scallops sp?			
Sponges			

Other:

Description of Invertebrates on Reef:

Species	Quantity	Size
Cowry Atlantic Deer		
Cowry Spotted Cyphoma		
Crab, Blue		
Crab, Stone	1	
Crab, SargassuSwimming		
Crab, Stareye Hermit		
Crab, Yellowline Arrow	5	1-
Crab, species?	1	
Lobster, Shovelnose		
Lobster, pny		
Sea Cucumber	1	
Sea Slug, Species?		
Sea Urchin	50	
Snail- Atlantic Harry Triton		
Snail- Giant Eastern Murex		
Snail- Netted Olive		
Snail- Queen Helmet		
Snail- Spiny Murex	1	
Snail- True Tulip		
Snail Florida Horse Conch		
Invertibrate, species?		

Other: Moon Jellyfish

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