

# MBARA Diver's Reef Survey Form

Updated 25 Oct 2010

Reef Number/Name: MB 67 Smurfit Stone Reef #3

Position: 29.53.829 85.32.560

GPS manufacturer & model: Garmin 188C

Sonar Depth: 66 ft

Survey Date & Time: 15 Oct 2010 1330

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

Boat Name: Bobcat

Boat Captain: Bob Cox

Dive Leader: Bob Cox

Dive Team Members: Carol Cox

Depth Gauge Depth: 71 ft

Diver Bottom Time: :50

Water Temp: Surface: 78F Bottom: 73F

Water Visibility: Surface: 25 ft Bottom: 20 ft

Thermocline Depth:

Current direction and speed: .5 kt, NW

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

salps

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

sand

Reef Materials & Quantity: 2 metal digesters, 10' x 24'

Reef Highest Point: 10 ft

Physical Condition (Durability, stability, storm damage, other damage or movement): Excellent. Net embedded on the reef. Suspect shrimp trawling in this area.

## Marine Amphibians:

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

## Fish Count:

Species:	Quantity	Size
Angelfish, Queen		
Anglefish, Blue	2	1 4 "
Barracuda - Guaguanche		
Barracuda-Great		
Batfish, Polka-Dot		
Blenny, Molly Miller		
Blenny, Seaweed	10	2 "
Blenny?		
Butterflyfish, Spotfin	10	1-3 "
Butterflyfish?		
Cardinalfish, Two-Spot	10	1 "
Cobia (Ling)		
Cowfish, Scrawled		
Chromis - Purple Reeffish		
Chromis - Yellowtail Reeffish		
Damselfish - Cocoa	20	1-2 "
Damselfish? Bicolor	1	1 "
Dolphin?		
Drum , Cubbyu		
Drum, Jackknifefish		
Eel?		
Flounder, Gulf	20	10-2 4 "
Frogfish, Ocellated		
Goby, Spotted	5	2 "
Goby? Blue	1	3 "
Grouper, Gag		
Grouper, Goliath		
Grouper, Red		
Grouper, Rock Hind		
Grouper, Scamp		
Grunt, Tomtate	100+	2-8 "
Grunt , White		
Grunt?		

Jack, Almaco (Lesser)	2	1 8 "
Jack - Blue Runner	20	9 "
Jack - Greater Amberjack	10	2 4 "
Jack, Lookdown		
Jack, Rainbow Runner		
Jack, Round Scad	1,000+	1-2 "
Jack?		
Lizardfish, Blue-Lined		
Mackeral, King		
Mackeral, Spanish	20	1 8 "
Mahi		
Pinfish		
Porgy? Saucereye	4	1 2 "
Porgy - Sheepshead	3	12-1 6 "
Puffer, Striped Burrfish	1	
Puffer, Sharpnose		
Puffer, Bandtail	2	3 "
Ray?		
Remora or Sharksucker	1	1 0 "
Sand Perch		
Seabass, Bank		
Seabass, Belted Sandfish	30	1-2 "
Seabass, Pygmy		
Snapper, Gray (Black)	20	1 5 "
Snapper, Lane		
Snapper, Red	80	12-2 0 "
Snapper, Vermillion	42	3 "
Snapper?		
Soapfish, Whitespotted	8	6 "
Spadefish, Atlantic	12	9 "
Toadfish, Leopard		
Triggerfish, Gray	10	1 4 "
Wrasse - Slippery Dick	30	2-4 "
Glass Minnows	1,000+	1 "
Shark?		

## Description of Biological Growth on Reef:

Species	Quantity/Area of Coverage (% of area or dimensions)	Size	Color
Algae			
Barnacles	40%		
Feather Duster worms			
Coral - Colorful Sea Whip	15%		
Coral - unk gorgonian	5%		
Coral - White Telesto			
Bulb Anemone	<1%		
Tube Anemone			
Hard Corals-Assorted	Oculina 1%		
Mussels			
Oyster, sp?			
Scallops sp?			
Sponges			

**Other: Tunicates, condominium?**

## Description of Invertebrates on Reef:

Species	Quantity	Size
Cowry - Atlantic Deer		
Cowry - Spotted Cyphoma	2	1 "
Crab, Blue		
Crab, Stone		
Crab, Sargassum Swimming		
Crab, Stareye Hermit	1	2 "
Crab, Yellowline Arrow	30	1-3 "
Crab?		
Lobster, Shovelnose		
Lobster, Spiny		
Sea Cucumber		
Sea Slug? Warty Dorid	2	2 "
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		
?		

**Other:**

Other Observations/Photos:





