

MBARA Diver's Reef Survey Form

Updated 8 Aug 2010

Reef Site Name: MB 33 Bainbridge

Position Readings:

GPS Manufacturer & model: Garmin 188C

N Lat.: 29 53.300

W Lon.: 85 31.483

Sonar Depth: 51'

Survey Date & Time: 10 Sep 2010/1300

Weather conditions and sea state: Sunny/Calm

Boat Name: BobCat

Boat Captain: Bob Cox

Dive Leader: Bob Cox

Dive Team Members: Carol Cox

Diver Observations

Computer/Depth Gauge Depth: 53'

Diver Bottom Time on Survey: :60

Water Temp: Surface: 87F Bottom: 80F

Water Visibility: Surface: 40' Bottom: 80F

Thermocline Depth: None

Current direction and speed: None

Other noted water column characteristics (plankton, algae, jellyfish, turbidity, etc): Clear, small jellyfish and cone jellies.

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

Sand

Description of Reef Materials & Quantity: Two Reef Balls.

Reef Height (highest point): 3'

Reef Physical Condition (Durability and Stability): Excellent. Some subsidence.

Storm damage or movement? If yes, describe: None

Other damage or movement? If yes, describe: None

Fish Count:

Species:	Quantity	Size
Angelfish, Queen	1	1"
Anglefish, Blue	2	.5"
Baitfish - Round Scad (Cigar Minnows)		
Baitfish – Glass Minnow (Bay Anchovy)		
Baitfish - Menhaden		
Baitfish - Pinfish		
Baitfish, species?		
Barracuda - Guaguanche		
Barracuda-Great		
Batfish, Polka-Dot		
Blenny, Molly Miller		
Blenny, Seaweed	6	1"
Blenny, Tessallated		
Bonito		
Butterflyfish, Reef		
Butterflyfish, Spotfin	1	.5"
Cardinalfish, Two-Spot	1	1"
Cobia (Ling)		
Cowfish, Scrawled		
Croaker, Atlantic		
Chromis - Purple Reeffish		
Chromis - Yellowtail Reeffish		
Damselfish - Cocoa	12	.5-2"
Damselfish sp?		
Dolphin, sp?		
Drum - Cubbyu	6	.5-2"
Eel, species?		
Flounder, Gulf		
Frogfish, Ocellated		
Goby, Seminole	6	2"
Goby, Bridled		
Goby, species?		
Grouper, Gag		
Grouper, Goliath		
Grouper, Red		
Grouper, Rock Hind		
Grouper, Scamp		
Grunt - Tomtate	100	1-2"

Grunt, White		
Grunt, sp?		
Jack – Blue Runner (Hard Tail)		
Jack - Greater Amberjack		
Jack sp?		
Jack, Almaco (Lesser)	1	9"
Jack, Lookdown		
Jack, Rainbow Runner		
Lizardfish, Blue-Lined		
Mackeral, King		
Mackeral, Spanish		
Mahi		
Margate, Black		
Porgy, Saucereye		
Porgy - Sheepshead		
Puffer - Balloonfish		
Puffer, Sharpnose		
Ray, Manta		
Ray, Southern Stingray		
Remora (Sharksucker)		
Sailfish		
Seabass, Bank		
Seabass, Belted Sandfish	10	2"
Shark, sp?		
Snapper, Bigeye		
Snapper, Gray (Black)	1	12"
Snapper, Red	40	1-2"
Snapper, Vermillion (Mingo)	10	2"
Soapfish, Whitespotted		
Spadefish, Atlantic		
Toadfish, Leopard		
Triggerfish, Gray	5	12-16"
Wrasse - Slippery Dick	20	1-4"

Other:

Jackknife Fish	1	1"
Unknown Razorfish?	6	1"
Pygmy Sea Bass	8	1"
Juvenile French Angelfish	1	½ "

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			
Coral - unk gorgonian			
Coral - White Telesto			
Bulb Anemone			
Tube Anemone			
Hard Corals-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, Rock		
Crab, Sargassum Swimming		
Crab, Stareye Hermit		
Crab, Yellowline Arrow	6	1-4"
Crab, species?		
Lobster, Shovelnose		
Lobster, Spiny		
Sea Cucumber		
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:

Shrimps (<i>Lysmata ankeri</i>)	4	2"
Hermit Crab	2	1"
Mantis Shrimp	2	4"

Marine Amphibians:

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

Other:

Other Observations:







