MBARA Diver's Reef Survey Form

Updated 8 Aug 2010

Reef Site Name: MB 25 Jerry Combs

Position Readings:

GPS Manufacturer & model: Garmin 188C

N Lat.: 29 53.968 W Lon.: 85 31.614

Sonar Depth: 51'

Survey Date & Time: 12 Sep 2010/1430

Weather conditions and sea state: Sunny/2-3'

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: 1:20

Water Temp: Surface: 86F Bottom: 80F Water Visibility: Surface: 50' Bottom: 70'

Thermocline Depth: None

Current direction and speed: None

Other noted water column characteristics (plankton, algae, jellyfish,

turbidity, etc): Clear with small jellyfish

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

Sand

Description of Reef Materials & Quantity: 100 ton of culverts

Reef Height (highest point): 4'

Reef Physical Condition (Durability and Stability): Good. Much of the material has appeared to have subsided.

Storm damage or movement? If yes, describe: None

Other damage or movement? If yes, describe: Net on the reef

Fish Count:

Angelfish, Queen 1 1" Anglefish, Blue 5 1" Baitfish - Round Scad (Cigar Minnows) 1000+ 2-3" Baitfish - Glass Minnow (Bay Anchovy) 1000+ 1-2" Baitfish - Pinfish 1000+ 1-2" Baitfish - Pinfish 1000+ 1-2" Baitfish, species? Barracuda - Guaguanche 1000+ 1-2" Baitfish, Polka-Dot 1000+ 10	Species:	Quantity	Size
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 Bonito Butterflyfish, Reef Butterflyfish, Spotfin Cardinalfish, Two-Spot Cobia (Ling) Cowfish, Scrawled Croaker, Atlantic Chromis - Purple Reeffish Chromis - Yellowtail Reeffish Damselfish - Cocoa Damselfish sp? Dolphin, sp? Drum - Cubbyu Eel, species? Flounder, Gulf Frogfish, Ocellated Goby, Blue Goby, Bridled Goby, Seminole Grouper, Rock Hind Grouper, Rock Hind Grouper, Rock Hind Grouper, Scamp	Angelfish, Queen	1	1"
Cigar Minnows 1000+ 2-3" Baitfish - Glass Minnow (Bay Anchovy) 1000+ 1-2" Baitfish - Menhaden Baitfish - Pinfish Baitfish, species? Barracuda - Guaguanche Barracuda-Great Batfish, Polka-Dot Blenny, Molly Miller Blenny, Seaweed 30 1-2" Blenny, Tessallated Bonito Butterflyfish, Reef Butterflyfish, Spotfin 5 1-3" Cardinalfish, Two-Spot 4 2" Cobia (Ling) Cowfish, Scrawled Croaker, Atlantic Chromis - Purple Reeffish Chromis - Purple Reeffish Chromis - Yellowtail Reeffish Damselfish sp? Dolphin, sp? Drum - Cubbyu 4 3" Eel, species? Flounder, Gulf 5 9-16" Frogfish, Ocellated Goby, Bridled Goby, Seminole 6 2" Grouper, Gag Grouper, Goliath Grouper, Red Grouper, Rock Hind Grouper, Scamp Cooling Co	Anglefish, Blue	5	1"
Baitfish – Glass Minnow (Bay Anchovy) Baitfish - Menhaden Baitfish - Pinfish Baitfish, species? Barracuda - Guaguanche Barracuda-Great Batfish, Polka-Dot Blenny, Molly Miller Blenny, Seaweed Bonito Butterflyfish, Reef Butterflyfish, Spotfin Cardinalfish, Two-Spot Cobia (Ling) Cowfish, Scrawled Croaker, Atlantic Chromis - Purple Reeffish Chromis - Yellowtail Reeffish Damselfish sp? Dolphin, sp? Drum - Cubbyu Eel, species? Flounder, Gulf Frogfish, Ocellated Goby, Bridled Goby, Seminole Grouper, Gag Grouper, Gag Grouper, Rock Hind Grouper, Scamp	Baitfish - Round Scad		
Baitfish - Menhaden	(Cigar Minnows)	1000+	2-3"
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Blenny, Molly Miller Blenny, Seaweed 30 1-2" Blenny, Tessallated Bonito Butterflyfish, Reef Butterflyfish, Spotfin 5 1-3" Cardinalfish, Two-Spot 4 2" Cobia (Ling) Cowfish, Scrawled Croaker, Atlantic Chromis - Purple Reeffish Chromis - Yellowtail Reeffish Damselfish - Cocoa 30 .5-2" Damselfish sp? Dolphin, sp? Drum - Cubbyu 4 3" Eel, species? Flounder, Gulf 5 9-16" Frogfish, Ocellated Goby, Blue Goby, Bridled Goby, Seminole 6 2" Grouper, Gag Grouper, Goliath Grouper, Red Grouper, Rock Hind Grouper, Scamp	Barracuda-Great		
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Cowfish, Scrawled Croaker, Atlantic Chromis - Purple Reeffish Chromis - Yellowtail Reeffish Damselfish - Cocoa 30 .5-2" Damselfish sp? Dolphin, sp? Drum - Cubbyu 4 3" Eel, species? Flounder, Gulf 5 9-16" Frogfish, Ocellated Goby, Blue Goby, Bridled Goby, Seminole 6 2" Grouper, Gag Grouper, Goliath Grouper, Red Grouper, Rock Hind Grouper, Scamp			
Croaker, Atlantic Chromis - Purple Reeffish Chromis - Yellowtail Reeffish Damselfish - Cocoa Damselfish sp? Dolphin, sp? Drum - Cubbyu 4 3" Eel, species? Flounder, Gulf Frogfish, Ocellated Goby, Blue Goby, Blue Goby, Bridled Goby, Seminole Grouper, Gag Grouper, Gag Grouper, Red Grouper, Rock Hind Grouper, Scamp	· •		
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Drum - Cubbyu 4 3" Eel, species? Flounder, Gulf 5 9-16" Frogfish, Ocellated Goby, Blue Goby, Bridled Goby, Seminole 6 2" Grouper, Gag Grouper, Goliath Grouper, Red Grouper, Rock Hind Grouper, Scamp	Damselfish sp?		
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Frogfish, Ocellated Goby, Blue Goby, Bridled Goby, Seminole Grouper, Gag Grouper, Goliath Grouper, Red Grouper, Rock Hind Grouper, Scamp	Eel, species?		
Goby, Blue Goby, Bridled Goby, Seminole Grouper, Gag Grouper, Goliath Grouper, Red Grouper, Rock Hind Grouper, Scamp	Flounder, Gulf	5	9-16"
Goby, Bridled Goby, Seminole 6 2" Grouper, Gag Grouper, Goliath Grouper, Red Grouper, Rock Hind Grouper, Scamp	Frogfish, Ocellated		
Goby, Seminole 6 2" Grouper, Gag Grouper, Goliath Grouper, Red Grouper, Rock Hind Grouper, Scamp	Goby, Blue		
Grouper, Gag Grouper, Goliath Grouper, Red Grouper, Rock Hind Grouper, Scamp	Goby, Bridled		
Grouper, Gag Grouper, Goliath Grouper, Red Grouper, Rock Hind Grouper, Scamp	Goby, Seminole	6	2"
Grouper, Goliath Grouper, Red Grouper, Rock Hind Grouper, Scamp			
Grouper, Red Grouper, Rock Hind Grouper, Scamp			
Grouper, Rock Hind Grouper, Scamp	-		
Grouper, Scamp	•		
	•		
	Grunt - Tomtate	1000+	1-9"

Grunt, White		
Grunt, sp?		
Jack – Blue Runner (Hard		
Tail)		
Jack - Greater Amberjack	20	12-14"
Jack sp?		
Jack, Almaco (Lesser)		
Jack, Lookdown		
Jack, Rainbow Runner		
Lizardfish, Blue-Lined		
Mackeral, King		
Mackeral, Spanish		
Mahi		
Margate, Black		
Porgy, Saucereye	4	12"
Porgy - Sheepshead		
Puffer - Balloonfish		
Puffer, Sharpnose		
Ray, Manta		
Ray, Southern Stingray		
Remora (Sharksucker)	4	8-24"
Sailfish		
Seabass, Bank		
Seabass, Belted Sandfish	50	1-3"
Shark, sp?		
Snapper, Lane	1	14"
Snapper, Gray (Black)		
		1-16" 98%
Snapper, Red	100	Juveniles
Snapper, Vermillion		
(Mingo)	100	2-3"
Soapfish, Whitespotted	10	4-6"
Spadefish, Atlantic		
Toadfish, Leopard		
Triggerfish, Gray	10	10-14"
Wrasse - Slippery Dick	50	1-4"
Other:		
Pygmy Seabass	1	1"

Other:		
Pygmy Seabass	1	1"
Scorpionfish	1	3"
Planehead Filefish	1	1"
Razorfish unk	6	2"

Description of Biological Growth on Reef:

	Quantity/Area of Coverage		
Species	(% of area or dimensions)	Size	Color
Algae			
Barnacles			
Christmas Tree Worm			
Coral - Colorful Sea Whip	10%	1-2'	Reddish
Coral - unk gorgonian	5%	12"	Red
Coral - White Telesto			
Anemone	1	4"	
Tube Anemone			
Hard Corals-Assorted			
Mussells			
Oyster, Purse	20	3"	
Scallops sp?			
Sponges	5%	1"	Wht

Other: Tube Worms 50 1"

Description of Invertebrates on Reef:

Species	Quantity	Size
Cowry - Atlantic Deer		
Cowry - Spotted Cyphoma		
Cowry, West Indian Simnia	5	.5"
Crab, Blue		
Crab, Rock		
Crab, Sargassum Swimming		
Crab, Stareye Hermit		
Crab, Yellowline Arrow	40	1-3"
Crab, species?		
Lobster, Shovelnose		
Lobster, Spiny		
Sea Cucumber	1	14"
Sea Slug, Species?		
Sea Urchin	50	3"
Snail - Atlantic Harry Triton	1	2"
Snail - Giant Eastern Murex		
Snail - Netted Olive		
Snail - Queen Helmet		
Snail - Spiny Murex		
Snail - True Tulip		
Snail- Florida Horse Conch	1	8"
Invertibrate, species?		

Other:Banded Coral Shrimp22-3"Fireworms64-6"Octopus212-16"

Marine Amphibians:

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

Other:

Other Observations:



































