MBARA Diver's Reef Survey Form Rev 11 May 2013

Clear Form

Reef Number and Name: 135 MB-135 Unnamed

Latitude (00 00.000): 29 43.514 Longitude (00 00.000): 85 28.498 Was published lat/lon correct? Yes

GPS Manufacturer & Model: Garmin 188C

Sonar Depth (feet): 60 Survey Date: Jun 27, 2013 Time: 1600

Weather Conditions: Mostly sunny Sea Condition: 2 ft

Boat Name: Bobcat Boat Captain: Bob Cox

Dive Leader: Bob Cox

Dive Team Members: Carol Cox

Depth Gauge Depth (feet): 61 Diver Bottom Time (minutes): 45

Water Temp Surface (Fahrenheit): 85 Water Temp Bottom (Fahrenheit): 77

Water Visibility Surface (feet): 8 Water Visibility Bottom (feet): 20

Thermocline Depth (feet): Current Direction: Current Speed (knots):

Other Water Column Characteristics (check all that apply)

☐ Plankton ☐ Algae ☐ Jellyfish ☒ Turbid ☐ Other

Bottom Composition (check all that apply)

☒ Sand ☐ Silt ☐ Mud ☐ Gravel ☐ Shell ☐ Other

Reef Materials & Quantity: 3 FLAR, 1 GR

Reef Height at Highest Point (measured from base to top of the reef)(feet): 8

Physical Condition (Durability, stability, storm damage, other damage or movement):

◉ No damage ○ Minor damage ○ Moderate damage ○ Major damage

◉ No movement ○ Minor movement ○ Moderate movement ○ Major movement

Explain damage/movement and suspected cause:

Fish Counts (Click on the hyper-links below for identification)

☐ Angelfish-Blue	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☐ Angelfish-Queen	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☐ Barracuda-Great	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☐ Barracuda-Guaguanche	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☐ Batfish-Polka-Dot	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☐ Blenny-Molly-Miller	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☑ Blenny-Seaweed	○ 1	◉ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☐ Blenny-Tessellated	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☐ Blenny?	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☐ Butterflyfish-Spotfin	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☐ Butterflyfish?	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☐ Cardinalfish-Two-Spot	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☐ Chromis-Purple-Reeffish	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☐ Chromis-Yellowtail-Reeffish	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☐ Cobia (Ling)	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☐ Cowfish-Scrawled	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☑ Damselfish-Cocoa	○ 1	◉ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☐ Damselfish?	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☐ Dolphin?	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☐ Drum-Cubbyu	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☐ Drum-Jackknifefish	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☐ Eel?	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☐ Flounder-Gulf	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☐ Filefish?	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☐ Frogfish-Ocellated	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☐ Goby-Spotted	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☐ Goby?	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	

☐ Grouper-Gag	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Grouper-Goliath	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Grouper-Graysby	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Grouper-Red	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Grouper-Rock-Hind	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Grouper-Scamp	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Grunt-Juvenile	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☑ Grunt-Tomtate	○ 1	○ 2-10	◉ 11-100	○ 101+	Length (inches)	Comments
☑ Grunt-White	◉ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Grunt?	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Hogfish	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Hogfish-Spanish	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Jack-Almaco-Lesser-AJ	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☑ Jack-Blue-Runner	○ 1	○ 2-10	◉ 11-100	○ 101+	Length (inches)	Comments
☑ Jack-Greater-Amberjack	○ 1	◉ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☑ Jack-Lookdown	○ 1	◉ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Jack-Rainbow-Runner	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Jack-Round-Scad-Cigar-Minnow	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☑ Jack?	○ 1	○ 2-10	○ 11-100	◉ 101+	Length (inches)	Comments Atlantic bumper
☐ Lionfish	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Lizardfish?	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Mackeral-King	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Mackeral-Spanish	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Mahi	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Minnows-Glass-Small-Fry	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Pinfish?	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Porgy-Saucereye	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Porgy-Sheepshead-Porgy	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments

☐ Porgy-Sheepshead	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Porgy?	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Puffer-Bandtail	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Puffer-Sharpnose	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Puffer?	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Ray?	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☑ Shark?	○ 1	◉ 2-10	○ 11-100	○ 101+	Length (inches)	Comments 2 unidentified
☐ Sharksucker-Sharksucker	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Sharksucker-Whitefin	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Sand-Perch	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Seabass-Bank	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Seabass-Belted-Sandfish	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☑ Seabass-Black	○ 1	◉ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Seabass-Pygmy	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Seabass?	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☑ Snapper-Gray	○ 1	◉ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Snapper-Lane	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Snapper-Red	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Snapper-Vermillion	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Snapper?	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☐ Soapfish-Whitespotted	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☑ Spadefish-Atlantic	○ 1	○ 2-10	◉ 11-100	○ 101+	Length (inches)	Comments
☐ Toadfish-Leopard	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☑ Triggerfish-Gray	○ 1	◉ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☑ Wrasse-Slippery-Dick	○ 1	◉ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
☑ Unlisted-See-Comments	○ 1	○ 2-10	○ 11-100	◉ 101+	Length (inches)	Comments scaled sardine
☑ Unlisted-See-Comments	○ 1	○ 2-10	○ 11-100	◉ 101+	Length (inches)	Comments Atlantic moonfish
☑ Unlisted-See-Comments	◉ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments Butterfish

Growth on Reef (Click on the hyper-links below for identification)

☐ Algae	○ 1-25%	○ 26-50%	○ 51-75%	○ 76-100%	Size (inches)		Describe	
☐ Anemone	○ 1-25%	○ 26-50%	○ 51-75%	○ 76-100%	Size (inches)		Describe	
☐ Barnacles	○ 1-25%	○ 26-50%	○ 51-75%	○ 76-100%	Size (inches)		Describe	
☐ Bivalves	○ 1-25%	○ 26-50%	○ 51-75%	○ 76-100%	Size (inches)		Describe	
☑ Coral-Colorful-Sea-Whip	◉ 1-25%	○ 26-50%	○ 51-75%	○ 76-100%	Size (inches)		Describe	
☐ Coral-Hard-Unkown	○ 1-25%	○ 26-50%	○ 51-75%	○ 76-100%	Size (inches)		Describe	
☐ Coral-Gorgonian	○ 1-25%	○ 26-50%	○ 51-75%	○ 76-100%	Size (inches)		Describe	
☐ Coral-Occulina	○ 1-25%	○ 26-50%	○ 51-75%	○ 76-100%	Size (inches)		Describe	
☐ Coral-White-Telesto	○ 1-25%	○ 26-50%	○ 51-75%	○ 76-100%	Size (inches)		Describe	
☐ Feather-Duster-Worms	○ 1-25%	○ 26-50%	○ 51-75%	○ 76-100%	Size (inches)		Describe	
☐ Sponges	○ 1-25%	○ 26-50%	○ 51-75%	○ 76-100%	Size (inches)		Describe	
☐ Unlisted-See-Comments	○ 1-25%	○ 26-50%	○ 51-75%	○ 76-100%	Size (inches)		Describe	

Invertebrates at Reef (Click on the hyper-links below for identification)

☐ Cowry-Spotted-Cyphoma	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)		Comments	
☐ Cowry-West-Indian-Simnia	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)		Comments	
☐ Crab-Swimming	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)		Comments	
☐ Crab-Stareye-Hermit	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)		Comments	
☐ Crab-Stone	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)		Comments	
☐ Crab-Yellowline-Arrow	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)		Comments	
☐ Crab?	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)		Comments	
☐ Lobster-Shovelnose	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)		Comments	
☐ Lobster-Spiny	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)		Comments	
☐ Octopus	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)		Comments	
☐ Sea-Cucumber	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)		Comments	
☐ Sea-Slug	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)		Comments	
☐ Sea-Star	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)		Comments	
☐ Sea-Urchin	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)		Comments	

☐ Snail-Atlantic-Hairy-Triton	◯ 1	◯ 2-10	◯ 11-100	◯ 101+	Size (inches)		Comments	
☐ Snail-Murex	◯ 1	◯ 2-10	◯ 11-100	◯ 101+	Size (inches)		Comments	
☐ Snail-Netted-Olive	◯ 1	◯ 2-10	◯ 11-100	◯ 101+	Size (inches)		Comments	
☐ Snail-Florida-Horse-Conch	◯ 1	◯ 2-10	◯ 11-100	◯ 101+	Size (inches)		Comments	
☐ Unlisted-See-Comments	◯ 1	◯ 2-10	◯ 11-100	◯ 101+	Size (inches)		Comments	

Turtles and Air Breathers/Mammals (Click on the hyper-links below for identification)

☐ Turtle-Green	◯ 1	◯ 2-10	◯ 11-100	◯ 101+	Size (inches)		Comments	
☐ Turtle-Leatherback	◯ 1	◯ 2-10	◯ 11-100	◯ 101+	Size (inches)		Comments	
☐ Turtle-Loggerhead	◯ 1	◯ 2-10	◯ 11-100	◯ 101+	Size (inches)		Comments	
☐ Turtle?	◯ 1	◯ 2-10	◯ 11-100	◯ 101+	Size (inches)		Comments	
☐ Whale?	◯ 1	◯ 2-10	◯ 11-100	◯ 101+	Size (inches)		Comments	
☐ Unlisted-See-Comments	◯ 1	◯ 2-10	◯ 11-100	◯ 101+	Size (inches)		Comments	
☐ Unlisted-See-Comments	◯ 1	◯ 2-10	◯ 11-100	◯ 101+	Size (inches)		Comments	
☐ Unlisted-See-Comments	◯ 1	◯ 2-10	◯ 11-100	◯ 101+	Size (inches)		Comments	

✔ Other Observations/Photos:

Observations: Vis was very poor from the bottom to 7-ft above the bottom. Much better above that.

Photos? Yes Attached? Yes

Video? Yes

Print Form Submit by E-mail

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