MBARA Diver's Reef Survey Form Rev 11 May 2013

Reef Number and Name 107 MB-107 unnamed Latitude | 29 46.270 Longitude Was published lat/lon correct? No 85 42.154 $(00\ 00.000)$ $(00\ 00.000)$ GPS Manufacturer & Model: Garmin 188C Sonar Depth (feet) 98 Survey Date Jun 7, 2015 Time 12:25 Weather Conditions Sunny Sea Condition calm Boat Captain Bob Cox **Boat Name** Bob Cat Dive Leader Carol Cox Dive Team Members Bob Cox Depth Gauge Depth (feet) 98 Diver Bottom Time (minutes) 35 Water Temp Surface (Fahrenheit) 85 Water Temp Bottom (Fahrenheit) 76 Water Visibility Surface (feet) 10 Water Visibility Bottom (feet) 25 Thermocline Depth (feet) **Current Direction Current Speed (knots)** Other Water Column Characteristics (check all that apply) □ Plankton □ Algae \boxtimes Jellyfish **⊠** Turbid □ Other Bottom Composition (check all that apply) □ Silt 🖵 Gravel 🗖 Shell \boxtimes Sand ⊢ Mud □ Other Reef Materials & Quantity 3 FLAR, 2 GU 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 \bigcirc Minor damage \bigcirc Moderate damage ○ Major damage ○ Minor movement ○ Moderate movement No movement Major movement Explain damage/movement and suspected cause

Clear Form

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

Angelfish-Blue	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
Angelfish-Queen	01	○ 2-10	0 () 11-100	○ 101+	Length (inches)	Comments
Barracuda-Great	01	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
Barracuda-Guaguanche	O 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
Batfish-Polka-Dot	01	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
Blenny-Molly-Miller	01	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
✓ Blenny-Seaweed	01	2-10	○ 11-100	○ 101+	Length (inches)	Comments
Blenny-Tessellated	01	○ 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
<u> <u> Chromis-Yellowtail-</u> <u> Reeffish</u> </u>	○ 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	01	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
Filefish?	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
Frogfish-Ocellated	O 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments
Goby-Spotted	○ 1	2-10	○ 11-100	○ 101+	Length (inches)	Comments
Goby?	01	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments

Grouper-Gag	○ 1	○ 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Grouper-Goliath	○ 1	O 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Grouper-Graysby	○ 1	○ 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Grouper-Red	○ 1	O 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
K Grunt-Juvenile	○ 1	O 2-10	○ 11-100 ④ 101+	Length (inches)	Comments
Grunt-Tomtate	○ 1	○ 2-10	○ 11-100 ④ 101+	Length (inches)	Comments
Grunt-White	○ 1	○ 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Grunt?	<u> </u>	○ 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	O 2-10	11-100 \(C) 101+	Length (inches)	Comments
Jack-Blue-Runner	○ 1	O 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	O 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Jack-Round-Scad-Cigar- <u>Minnow</u>	○ 1	O 2-10	11-100 \(C) 101+	Length (inches)	Comments
Jack?	O 1	O 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
✓ Lionfish	○ 1	○ 2-10	11-100 () 101+	Length (inches)	Comments 12 killed
Lizardfish?	○ 1	○ 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Mackeral-King	○ 1	○ 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Mackeral-Spanish	○ 1	O 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Mahi	○ 1	O 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Minnows-Glass-Small-Fry	O 1	O 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Pinfish?	○ 1	O 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Porgy-Saucereye	○ 1	O 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Porgy-Sheepshead-Porgy	○ 1	O 2-10	○ 11-100 ○ 101+	Length (inches)	Comments

✓ Porgy-Sheepshead	01	2-10	0 () 11-100 () 101+	Length (inches)	Comments
Porgy?	01	○ 2-10	0 () 11-100 () 101+	Length (inches)	Comments
Puffer-Bandtail	01	○ 2-10	0 (11-100 (101+	Length (inches)	Comments
✓ Puffer-Sharpnose	01	2-10	0 (11-100 (101+	Length (inches)	Comments
<u> Puffer?</u>	• 1	○ 2-10	0 (11-100 (101+	Length (inches)	Comments Goldface Toby
Ray?	O 1	○ 2-10	0 (11-100 (101+	Length (inches)	Comments
Shark?	○ 1	○ 2-10	0 () 11-100 () 101+	Length (inches)	Comments
Sharksucker-Sharksucker	O 1	○ 2-10	0 () 11-100 () 101+	Length (inches)	Comments
Sharksucker-Whitefin	O 1	○ 2-10	0 (11-100 (101+	Length (inches)	Comments
Sand-Perch	O 1	○ 2-10	0 (11-100 (101+	Length (inches)	Comments
<u>Seabass-Bank</u>	O 1	○ 2-10	0 (11-100 (101+	Length (inches)	Comments
Seabass-Belted-Sandfish	O 1	2-10	0 (11-100 (101+	Length (inches)	Comments
Seabass-Black	<u> </u>	○ 2-10	0 (11-100 (101+	Length (inches)	Comments
Seabass-Pygmy	O 1	○ 2-10	0 (11-100 (101+	Length (inches)	Comments
Seabass?	○ 1	○ 2-10	0 () 11-100 () 101+	Length (inches)	Comments
✓ Snapper-Gray	O 1	2-10	0 (11-100 (101+	Length (inches) 16-20	Comments
Snapper-Lane	○ 1	○ 2-10	0 () 11-100 () 101+	Length (inches)	Comments
✓ Snapper-Red	O 1	○ 2-10	• • 11-100 \(101+	Length (inches) 12-26	Comments
Snapper-Vermillion	○ 1	2-10	0 () 11-100 () 101+	Length (inches) 2	Comments
Snapper?	O 1	○ 2-10	0 (11-100 (101+	Length (inches)	Comments
Soapfish-Whitespotted	O 1	2-10	0 (11-100 (101+	Length (inches)	Comments
Spadefish-Atlantic	O 1	○ 2-10	0 (11-100 (101+	Length (inches)	Comments
Toadfish-Leopard	○ 1	○ 2-10	0 () 11-100 () 101+	Length (inches)	Comments
Triggerfish-Gray	O 1	○ 2-10	0 (11-100 (101+	Length (inches)	Comments
Wrasse-Slippery-Dick	○ 1	○ 2-10	0 (11-100 (101+	Length (inches)	Comments
✓ Unlisted-See-Comments	O 1	○ 2-10	• • 11-100 () 101+	Length (inches)	Comments painted wrasse
Unlisted-See-Comments	O 1	○ 2-10	0 () 11-100 () 101+	Length (inches)	Comments
Unlisted-See-Comments	○ 1	○ 2-10	0 () 11-100 () 101+	Length (inches)	Comments

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 tunicates	

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

Cowry-Spotted-Cyphoma	<u> </u>	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Cowry-West-Indian-Simnia	0 1	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Crab-Swimming	<u> </u>	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Crab-Stareye-Hermit	O 1	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Crab-Stone	O 1	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Crab-Yellowline-Arrow	O 1	O 2-10	11-100	○ 101+	Size (inches)	Comments
Crab?	O 1	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Lobster-Shovelnose	O 1	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Lobster-Spiny	O 1	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Octopus	<u> </u>	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Sea-Cucumber	01	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Sea-Slug	01	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Sea-Star	<u> </u>	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Sea-Urchin	O 1	O 2-10	11-100	○ 101+	Size (inches)	Comments

Snail-Atlantic-Hairy-Triton	<u> </u>	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Snail-Murex	○ 1	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Snail-Netted-Olive	○ 1	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Snail-Florida-Horse-Conch	○ 1	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments
✓ Unlisted-See-Comments	○ 1	O 2-10	11-100	○ 101+	Size (inches)	Comments snails
Turtles and Air Bre	athers	/Mamm	nals (Clic	k on the	hyper-links bel	ow for identification)
Turtle-Green	○ 1	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Turtle-Leatherback	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Turtle-Loggerhead	○ 1	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Turtle?	○ 1	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Whale?	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Unlisted-See-Comments	○ 1	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Unlisted-See-Comments	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Unlisted-See-Comments	01	○ 2-10	○ 11-100	○ 101+	Size (inches)	Comments

Other Observations/Photos:

Observations	
Photos?	Attached?
Photos? Yes	Attached? Yes
Video? No	

Print Form

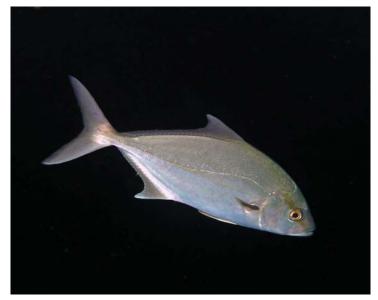




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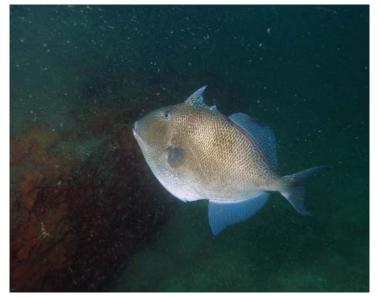


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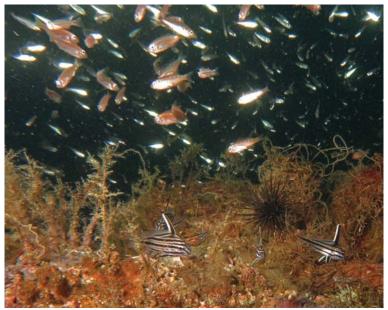




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