MBARA Diver's Reef Survey Form Rev 8 Jun 2011 Clear Form								
Reef Number and Name 48 Triggerfish Reef #2								
Latitude 29 54.012 Longitude 85 32.661 Was published lat/lon correct? ⋉ Yes □ No								
GPS Manufacturer & Model: Garmin 188C								
Sonar Depth (feet) 65 Survey Date Jun 23, 2011 Time 1500								
Weather Conditions Cloudy Sea Condition 2-3 ft								
Boat Name Bobcat Boat Captain Bob Cox								
Dive Leader Bob Cox								
Dive Team Members Carol Cox								
Depth Gauge Depth (feet) 65 Diver Bottom Time (minutes) 30								
Water Temp Surface (Fahrenheit) 84 Water Temp Bottom (Fahrenheit) 71								
Water Visibility Surface (feet) 30 Water Visibility Bottom (feet) 15								
Thermocline Depth (feet) 40 Current Direction E Current Speed (knots) .5								
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 Found 4 Reef Balls								
Reef Height at Highest Point (measured from base to top of the reef)(feet) 3.5								
Physical Condition (Durability, stability, storm damage, other damage or movement):								
 No damage								

Explain damage/movement and suspected cause

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

Angelfish-Blue	O 1	2-10	<u> </u>	O 101+	Length (inches) 15	Comments
Angelfish-Queen	<u> </u>	<u> </u>	<u> </u>	<u> </u>	Length (inches)	Comments
Barracuda-Great	<u> </u>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Barracuda-Guaguanche	<u> </u>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Batfish-Polka-Dot	<u> </u>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Blenny-Molly-Miller	<u> </u>	O 2-10	<u> </u>	O 101+	Length (inches)	Comments
Blenny-Seaweed	<u> </u>	2-10	<u> </u>	<u> </u>	Length (inches) 2	Comments
Blenny-Tessellated	<u> </u>	<u> </u>	<u> </u>	<u> </u>	Length (inches)	Comments
Blenny?	<u> </u>	<u> </u>	<u> </u>	<u> </u>	Length (inches)	Comments
Butterflyfish-Spotfin	<u> </u>	2-10	<u> </u>	O 101+	Length (inches) 2	Comments
Butterflyfish?	<u> </u>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
<u>Cardinal fish-Two-Spot</u>	<u> </u>	<u> </u>	11-100	O 101+	Length (inches) 2	Comments
<u>Chromis-Purple-Reeffish</u>	<u> </u>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Chromis-Yellowtail-Reeffish	<u> </u>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Cobia (Ling)	<u> </u>	O 2-10	<u> </u>	O 101+	Length (inches)	Comments
Cowfish-Scrawled	<u> </u>	O 2-10	<u> </u>	<u> </u>	Length (inches)	Comments
<u>Damselfish-Cocoa</u>	<u> </u>	<u> </u>	11-100	<u> </u>	Length (inches) 1	Comments
Damselfish?	<u> </u>	<u> </u>	<u> </u>	<u> </u>	Length (inches)	Comments
Dolphin?	<u> </u>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Drum-Cubbyu	<u> </u>	<u> </u>	11-100	O 101+	Length (inches) 1-8	Comments
<u>Drum-Jackknifefish</u>	<u> </u>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
<u>Eel?</u>	<u> </u>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Flounder-Gulf	<u> </u>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Filefish?	<u> </u>	O 2-10	<u> </u>	O 101+	Length (inches)	Comments
Frogfish-Ocellated	O 1	O 2-10	<u> </u>	O 101+	Length (inches)	Comments
Goby-Spotted	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Goby?	<u> </u>	O 2-10	O 11-100	O 101+	Length (inches)	Comments

<u>Grouper-Gag</u>	O 1	•	2-10	\bigcirc	11-100	O 101+	Length (inches) 10-12	Comments
Grouper-Goliath	<u> </u>	\circ	2-10	\bigcirc	11-100	O 101+	Length (inches)	Comments
Grouper-Red	<u> </u>	\circ	2-10	\bigcirc	11-100	O 101+	Length (inches)	Comments
Grouper-Rock-Hind	<u> </u>	\circ	2-10	\bigcirc	11-100	O 101+	Length (inches)	Comments
<u>Grouper-Scamp</u>	<u> </u>	\circ	2-10	\bigcirc	11-100	<u> </u>	Length (inches)	Comments
<u>Grunt-Tomtate</u>	<u> </u>	\circ	2-10	\circ	11-100	101+	Length (inches) 1-6	Comments
<u>Grunt-White</u>	<u> </u>	\circ	2-10	\bigcirc	11-100	<u> </u>	Length (inches)	Comments
Grunt?	<u> </u>	\circ	2-10	\bigcirc	11-100	<u> </u>	Length (inches)	Comments
Jack-Almaco-Lesser-AJ	O 1	\circ	2-10	\bigcirc	11-100	<u> </u>	Length (inches)	Comments
<u>Jack-Blue-Runner</u>	<u> </u>	•	2-10	\circ	11-100	O 101+	Length (inches) 7	Comments
Jack-Greater-Amberjack	O 1	\circ	2-10	\bigcirc	11-100	O 101+	Length (inches)	Comments
<u>Jack-Lookdown</u>	O 1	0	2-10	\bigcirc	11-100	O 101+	Length (inches)	Comments
Jack-Rainbow-Runner	<u> </u>	0	2-10	\circ	11-100	O 101+	Length (inches)	Comments
<u>Jack-Round-Scad-Cigar-</u> <u>Minnow</u>	O 1	0	2-10	\bigcirc	11-100	O 101+	Length (inches)	Comments
Jack?	<u> </u>	\circ	2-10	\bigcirc	11-100	O 101+	Length (inches)	Comments
Lizardfish?	<u> </u>	\circ	2-10	\bigcirc	11-100	O 101+	Length (inches)	Comments
Mackeral-King	O 1	0	2-10	\bigcirc	11-100	O 101+	Length (inches)	Comments
Mackeral-Spanish	O 1	0	2-10	\bigcirc	11-100	O 101+	Length (inches)	Comments
<u>Mahi</u>	O 1	0	2-10	\bigcirc	11-100	O 101+	Length (inches)	Comments
Minnows-Glass-Small-Fry	<u> </u>	\circ	2-10	\circ	11-100	101+	Length (inches) 1	Comments
Pinfish?	<u> </u>	\circ	2-10	\circ	11-100	O 101+	Length (inches)	Comments
<u>Porgy-Saucereye</u>	<u> </u>	\circ	2-10	\circ	11-100	O 101+	Length (inches)	Comments
Porgy-Sheepshead-Porgy	<u> </u>	•	2-10	\circ	11-100	O 101+	Length (inches) 12	Comments
Porgy-Sheepshead	<u> </u>	\circ	2-10	\circ	11-100	O 101+	Length (inches)	Comments
Porgy?	<u> </u>	\circ	2-10	\bigcirc	11-100	O 101+	Length (inches)	Comments
<u>Puffer-Bandtail</u>	<u> </u>	\circ	2-10	0	11-100	O 101+	Length (inches)	Comments
<u>Puffer-Sharpnose</u>	<u> </u>	0	2-10	\circ	11-100	O 101+	Length (inches)	Comments
Puffer?	<u> </u>	\circ	2-10	\circ	11-100	O 101+	Length (inches)	Comments

Ray?	\bigcirc	1 (0	2-10	\bigcirc	11-100	\bigcirc	101+	Length (inches)	Comments
Shark?	\bigcirc	1 (0	2-10	\bigcirc	11-100	\circ	101+	Length (inches)	Comments
<u>Sharksucker-Sharksucker</u>	\bigcirc	1 (0	2-10	\bigcirc	11-100	\circ	101+	Length (inches)	Comments
Sharksucker-Whitefin	\bigcirc	1 (0	2-10	\circ	11-100	\bigcirc	101+	Length (inches)	Comments
Sand-Perch	\bigcirc	1 (0	2-10	•	11-100	\bigcirc	101+	Length (inches) 3	Comments
<u>Seabass-Bank</u>	\bigcirc	1 (•	2-10	\bigcirc	11-100	\bigcirc	101+	Length (inches) 3	Comments
Seabass-Belted-Sandfish	•	1 (0	2-10	\bigcirc	11-100	\bigcirc	101+	Length (inches) 3	Comments
<u>Seabass-Black</u>	\bigcirc	1 (0	2-10	\bigcirc	11-100	\bigcirc	101+	Length (inches) 8	Comments
<u>Seabass-Pygmy</u>	\bigcirc	1 (0	2-10	\bigcirc	11-100	0	101+	Length (inches) 1	Comments
Seabass?	\bigcirc	1 (0	2-10	\bigcirc	11-100	\bigcirc	101+	Length (inches)	Comments
<u>Snapper-Gray</u>	\bigcirc	1 (0	2-10	\bigcirc	11-100	0	101+	Length (inches)	Comments
<u>Snapper-Lane</u>	\bigcirc	1 (0	2-10	\bigcirc	11-100	\circ	101+	Length (inches)	Comments
Snapper-Red	\bigcirc	1 (0	2-10	\bigcirc	11-100	0	101+	Length (inches)	Comments
<u>Snapper-Vermillion</u>	\bigcirc	1 (0	2-10	\bigcirc	11-100	\bigcirc	101+	Length (inches)	Comments
Snapper?	\bigcirc	1 (0	2-10	\bigcirc	11-100	\circ	101+	Length (inches)	Comments
Soapfish-Whitespotted	\bigcirc	1 (0	2-10	•	11-100	\bigcirc	101+	Length (inches) 6	Comments
Spadefish-Atlantic	\bigcirc	1 (0	2-10	0	11-100	\bigcirc	101+	Length (inches)	Comments
<u>Toadfish-Leopard</u>	\bigcirc	1 (0	2-10	\bigcirc	11-100	\bigcirc	101+	Length (inches)	Comments
<u>Triggerfish-Gray</u>	\bigcirc	1 (•	2-10	\bigcirc	11-100	\bigcirc	101+	Length (inches) 12	Comments
Wrasse-Slippery-Dick	\bigcirc	1 (0	2-10	•	11-100	\bigcirc	101+	Length (inches) 1	Comments
<u>Unlisted</u> Bluelined	•	1 (0	2-10	\bigcirc	11-100	\bigcirc	101+	Length (inches) 4	Comments
<u>Unlisted</u>	\bigcirc	1 (0	2-10	\bigcirc	11-100	\bigcirc	101+	Length (inches)	Comments
<u>Unlisted</u>	\bigcirc	1 (0	2-10	\bigcirc	11-100	\bigcirc	101+	Length (inches)	Comments
<u>Unlisted</u>	\bigcirc	1 (0	2-10	\bigcirc	11-100	\bigcirc	101+	Length (inches)	Comments
<u>Unlisted</u>	0	1 (0	2-10	\circ	11-100	0	101+	Length (inches)	Comments
<u>Unlisted</u>	\circ	1 (0	2-10	0	11-100	0	101+	Length (inches)	Comments
<u>Unlisted</u>	\circ	1 (\circ	2-10	\bigcirc	11-100	\circ	101+	Length (inches)	Comments
<u>Unlisted</u>	0	1 (0	2-10	\circ	11-100	0	101+	Length (inches)	Comments

Growth on Reef (Click on the hyper-links below for identification) ○ 1-25% ○ 26-50% ○ 51-75% ○ 76-100% Size (inches) Algae Describe 1-25% • 26-50% 51-75% 76-100% Size (inches) Anemone Describe ○ 1-25% ○ 26-50% ○ 51-75% ○ 76-100% Size (inches) **Barnacles** Describe ○ 1-25% ○ 26-50% ○ 51-75% ○ 76-100% Size (inches) **Bivalves** 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 ○ 1-25% ○ 26-50% ○ 51-75% ○ 76-100% Size (inches) Coral-Occulina 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 ● 1-25% ○ 26-50% ○ 51-75% ○ 76-100% Size (inches) **Sponges** Describe Describe Unlisted Invertebrates at Reef (Click on the hyper-links below for identification) Cowry-Spotted-Cyphoma \bigcirc 1 O 2-10 O 11-100 O 101+ Size (inches) Comments Cowry-West-Indian-Simnia \bigcirc 1 O 2-10 O 11-100 O 101+ Size (inches) Comments **Crab-Swimming** O 2-10 O 11-100 O 101+ \bigcirc 1 Size (inches) Comments Crab-Stareye-Hermit \bigcirc 1 ○ 2-10 ○ 11-100 ○ 101+ Comments Size (inches) Crab-Stone \bigcirc 1 ○ 2-10 ○ 11-100 ○ 101+ Comments Size (inches) Crab-Yellowline-Arrow \bigcirc 1 ○ 2-10 ○ 11-100 ○ 101+ Size (inches) Comments \bigcirc 1 ● 2-10 ○ 11-100 ○ 101+ Crab? | Mantis Shrimp Size (inches) Comments Lobster-Shovelnose \bigcirc 1 ○ 2-10 ○ 11-100 ○ 101+ Size (inches) Comments **Lobster-Spiny** O 2-10 O 11-100 O 101+ \bigcirc 1 Size (inches) Comments ○ 2-10 ○ 11-100 ○ 101+ Octopus 1 Size (inches) Comments Sea-Cucumber O 2-10 O 11-100 O 101+ \bigcirc 1 Size (inches) Comments Sea-Slug \bigcirc 1 O 2-10 O 11-100 O 101+ Comments Size (inches) Sea-Star O 2-10 O 11-100 O 101+ \bigcirc 1 Comments Size (inches) Sea-Urchin O 2-10 O 11-100 O 101+ \bigcirc 1 Comments Size (inches)

Snail-Atlantic-Hairy-Triton	O 1	○ 2-10 ○ 11-100 ○ 101+	Size (inches)	Comments			
<u>Snail-Murex</u>	<u> </u>	O 2-10 O 11-100 O 101+	Size (inches)	Comments			
Snail-Netted-Olive	O 1	○ 2-10 ○ 11-100 ○ 101+	Size (inches)	Comments			
Snail-Florida-Horse-Conch	O 1	○ 2-10 ○ 11-100 ○ 101+	Size (inches)	Comments			
<u>Unlisted</u> Snails	<u> </u>	○ 2-10 11-100 ○ 101+	Size (inches) 2	Comments			
Turtles and Air Bre	eathers,	/Mammals (Click on the	hyper-links below	v for identification)			
<u>Turtle-Green</u>	O 1	○ 2-10 ○ 11-100 ○ 101+	Size (inches)	Comments			
Turtle-Leatherback	<u> </u>	O 2-10 O 11-100 O 101+	Size (inches)	Comments			
Turtle-Loggerhead	O 1	○ 2-10 ○ 11-100 ○ 101+	Size (inches)	Comments			
Turtle?	<u> </u>	○ 2-10 ○ 11-100 ○ 101+	Size (inches)	Comments			
Whale?	<u> </u>	○ 2-10 ○ 11-100 ○ 101+	Size (inches)	Comments			
<u>Unlisted</u>	<u> </u>	○ 2-10 ○ 11-100 ○ 101+	Size (inches)	Comments			
<u>Unlisted</u>	<u> </u>	○ 2-10 ○ 11-100 ○ 101+	Size (inches)	Comments			
<u>Unlisted</u>	<u> </u>	○ 2-10 ○ 11-100 ○ 101+	Size (inches)	Comments			
Other Observation	s/Phot	os:					
Observations Bottom visi	ihility low	Reef Balls scattered. Had to use cave-	reel-line to find four reef ba	ls			
Photos? Yes No Attached? Yes No							
Video?							



Image Field

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Image Field

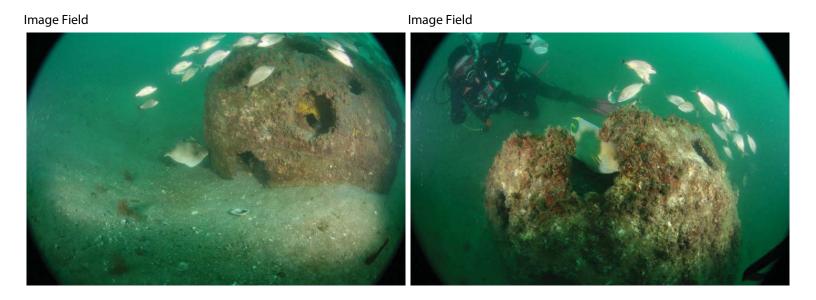


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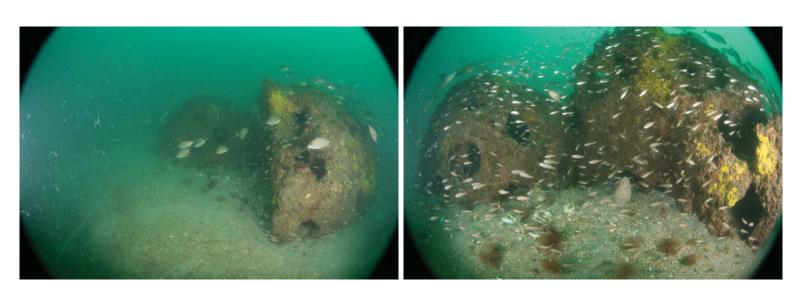






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