MBARA Diver's Reef Survey Form Rev 11 May 2013 Clear Form								
Reef Number and Name 129 Tennessee Chuck McKibbon Reef								
Latitude (00 00.000) 29 55.222 Longitude (00 00.000) 85 32.558 Was published lat/lon correct? Yes								
GPS Manufacturer & Model: Garmin 188C								
Sonar Depth (feet) 58 Survey Date Sep 9, 2013 Time 1500								
Weather Conditions Sunny Sea Condition 1 ft								
Boat Name Bobcat Boat Captain Bob Cox								
Dive Leader Bob Cox								
Dive Team Members Carol Cox								
Depth Gauge Depth (feet) 57 Diver Bottom Time (minutes) 45								
Water Temp Surface (Fahrenheit) 86 Water Temp Bottom (Fahrenheit) 83								
Water Visibility Surface (feet) 10 Water Visibility Bottom (feet) 5								
Thermocline Depth (feet) Current Direction Current Speed (knots)								
Other Water Column Characteristics (check all that apply)								
\square Plankton \square Algae \boxtimes Jellyfish \boxtimes Turbid \square Other								
Bottom Composition (check all that apply)								
⊠ Sand ☐ Silt ☐ Mud ☐ Gravel ☐ Shell ☐ Other ☐								
Reef Materials & Quantity 1 FLAR, 3 GR, 1 Eco								
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								
Explain damage/movement and suspected cause								

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

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Angelfish-Blue	O 1	O 2-10	<u> </u>	<u> </u>	Length (inches)	Comments
Angelfish-Queen	O 1	O 2-10	<u> </u>	O 101+	Length (inches)	Comments
Barracuda-Great	<u> </u>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Barracuda-Guaguanche	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Batfish-Polka-Dot	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Blenny-Molly-Miller	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
▼ Blenny-Seaweed	O 1	2-10	<u> </u>	O 101+	Length (inches)	Comments
Blenny-Tessellated	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Blenny?	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Butterflyfish-Spotfin	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Butterflyfish?	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
✓ Cardinalfish-Two-Spot	O 1	2-10	<u> </u>	O 101+	Length (inches)	Comments
Chromis-Purple-Reeffish	O 1	O 2-10	<u> </u>	O 101+	Length (inches)	Comments
Chromis-Yellowtail- Reeffish	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
✓ Cobia (Ling)	1	O 2-10	<u> </u>	O 101+	Length (inches) 26	Comments
Cowfish-Scrawled	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Damselfish-Cocoa	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Damselfish?	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Dolphin?	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
✓ Drum-Cubbyu	O 1	2-10	<u> </u>	O 101+	Length (inches)	Comments
Drum-Jackknifefish	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Eel?	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Flounder-Gulf	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Filefish?	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Frogfish-Ocellated	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Goby-Spotted	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Goby?	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments

✓ Grouper-Gag	O 1	2-10	<u> </u>	O 101+	Length (inches) 18-30	Comments
Grouper-Goliath	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Grouper-Graysby	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Grouper-Red	<u> </u>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Grouper-Rock-Hind	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
✓ Grouper-Scamp	<u> </u>	2-10	<u> </u>	O 101+	Length (inches)	Comments
Grunt-Juvenile	<u> </u>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
✓ Grunt-Tomtate	O 1	<u> </u>	<u> </u>	101+	Length (inches)	Comments
Grunt-White	<u> </u>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Grunt?	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Hogfish	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Hogfish-Spanish	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Jack-Almaco-Lesser-AJ	<u> </u>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
☐ Jack-Blue-Runner	<u> </u>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
 ✓ Jack-Greater-Amberjack	O 1	<u> </u>	11-100	O 101+	Length (inches)	Comments
☐ <u>Jack-Lookdown</u>	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
<u>Jack-Rainbow-Runner</u>	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Jack-Round-Scad-Cigar- Minnow	<u> </u>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
□Jack?	<u> </u>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Lionfish	1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments collected
Lizardfish?	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Mackeral-King	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Mackeral-Spanish	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
<u>Mahi</u>	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Minnows-Glass-Small-Fry	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Pinfish?	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Porgy-Saucereye	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
✓ Porgy-Sheepshead-Porgy	O 1	2-10	<u> </u>	O 101+	Length (inches)	Comments

Porgy-Sheepshead	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Porgy?	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
✓ Puffer-Bandtail	1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Puffer-Sharpnose	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Puffer?	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Ray?	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Shark?	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Sharksucker-Sharksucker	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Sharksucker-Whitefin	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Sand-Perch	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Seabass-Bank	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
✓ Seabass-Belted-Sandfish	O 1	2-10	<u> </u>	O 101+	Length (inches)	Comments
Seabass-Black	<u> </u>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
✓ Seabass-Pygmy	1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Seabass?	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
✓ Snapper-Gray	O 1	2-10	<u> </u>	O 101+	Length (inches)	Comments
Snapper-Lane	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
✓ Snapper-Red	O 1	<u> </u>	11-100	O 101+	Length (inches) 10-28	Comments
Snapper-Vermillion	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Snapper?	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
✓ Soapfish-Whitespotted	O 1	2-10	<u> </u>	O 101+	Length (inches)	Comments
Spadefish-Atlantic	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Toadfish-Leopard	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
▼ Triggerfish-Gray	O 1	<u> </u>	11-100	O 101+	Length (inches)	Comments
✓ Wrasse-Slippery-Dick	O 1	2-10	O 11-100	O 101+	Length (inches)	Comments
Unlisted-See-Comments	O 1	<u> </u>	O 11-100	O 101+	Length (inches)	Comments
Unlisted-See-Comments	O 1	<u> </u>	O 11-100	O 101+	Length (inches)	Comments
Unlisted-See-Comments	O 1	<u> </u>	<u> </u>	O 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 ● 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 Sponges 1-25% 26-50% 51-75% 76-100% Size (inches) Describe ○ 1-25% ○ 26-50% ○ 51-75% ○ 76-100% Size (inches) □Unlisted-See-Comments Describe Invertebrates at Reef (Click on the hyper-links below for identification) Cowry-Spotted-Cyphoma 1 O 2-10 O 11-100 O 101+ Size (inches) Comments Cowry-West-Indian-Simnia 1 O 2-10 O 11-100 O 101+ Comments Size (inches) 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) \bigcirc 1 ● 2-10 ○ 11-100 ○ 101+ Size (inches) Comments O 2-10 O 11-100 O 101+ Comments | Giant Hermit Crab ✓ Crab? 1 Size (inches) Lobster-Shovelnose \bigcirc 1 O 2-10 O 11-100 O 101+ Size (inches) Comments Lobster-Spiny \bigcirc 1 Size (inches) Comments Octopus ○ 2-10 ○ 11-100 ○ 101+ \bigcirc 1 Size (inches) Comments **✓** Sea-Cucumber O 2-10 O 11-100 O 101+ 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	<u> </u>	<u> </u>	O 101+	Size (inches)	Comments
Snail-Murex	O 1	<u> </u>	<u> </u>	O 101+	Size (inches)	Comments
Snail-Netted-Olive	O 1	<u> </u>	<u> </u>	O 101+	Size (inches)	Comments
Snail-Florida-Horse-Conch	O 1	<u> </u>	<u> </u>	O 101+	Size (inches)	Comments
✓ Unlisted-See-Comments	O 1	2-10	<u> </u>	O 101+	Size (inches)	Comments Gulf Top Snails
Turtles and Air Bre	athers,	/Mamn	nals (Clic	k on the	hyper-linl	ks below for identification)
Turtle-Green	O 1	<u> </u>	<u> </u>	O 101+	Size (inches)	Comments
Turtle-Leatherback	O 1	<u> </u>	<u> </u>	O 101+	Size (inches)	Comments
Turtle-Loggerhead	O 1	<u> </u>	<u> </u>	O 101+	Size (inches)	Comments
Turtle?	O 1	<u> </u>	<u> </u>	O 101+	Size (inches)	Comments
Whale?	O 1	<u> </u>	<u> </u>	O 101+	Size (inches)	Comments
Unlisted-See-Comments	O 1	<u> </u>	<u> </u>	O 101+	Size (inches)	Comments
Unlisted-See-Comments	O 1	<u> </u>	<u> </u>	O 101+	Size (inches)	Comments
Unlisted-See-Comments	O 1	<u> </u>	<u> </u>	O 101+	Size (inches)	Comments
Other Observatio	ns/Pho	tos:				
Observations						
Photos? Yes Attached?	Yes					
Video? Yes						

Print Form



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