MBARA Diver's Reef Survey Form Rev 11 May 2013 Clear Form								
Reef Number and Name 12 Capt. Tom Hudson Memorial Reef								
Latitude (00 00.000) 29 54.113 Longitude (00 00.000) 85 27.595 Was published lat/lon correct? Yes								
GPS Manufacturer & Model: Garmin 188C								
Sonar Depth (feet) 24 Survey Date Jun 25, 2013 Time 11:10								
Weather Conditions Sunny Sea Condition Calm								
Boat Name Bobcat Boat Captain Bob Cox								
Dive Leader Bob Cox								
Dive Team Members Carol Cox								
Depth Gauge Depth (feet) 24 Diver Bottom Time (minutes) 93								
Water Temp Surface (Fahrenheit) 84 Water Temp Bottom (Fahrenheit) 83								
Water Visibility Surface (feet) 25 Water Visibility Bottom (feet) 25								
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 10 reefballs								
Reef Height at Highest Point (measured from base to top of the reef)(feet) 2								
Physical Condition (Durability, stability, storm damage, other damage or movement):								
 ○ No damage								
Explain damage/movement and suspected cause Partially submerged reefballs								

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

S. P.						
Angelfish-Blue	\bigcirc 1	O 2-10	O 11-100	○ 101+	Length (inches)	Comments
Angelfish-Queen	01	O 2-10	O 11-100	○ 101+	Length (inches)	Comments
▼ Barracuda-Great	1	O 2-10	<u> </u>	○ 101+	Length (inches)	Comments
Barracuda-Guaguanche	O 1	O 2-10	O 11-100	○ 101+	Length (inches)	Comments
Batfish-Polka-Dot	O 1	O 2-10	O 11-100	○ 101+	Length (inches)	Comments
Blenny-Molly-Miller	O 1	C 2-10	O 11-100	○ 101+	Length (inches)	Comments
✓ Blenny-Seaweed	01	O 2-10	11-100	O 101+	Length (inches)	Comments
Blenny-Tessellated	O 1	C 2-10	O 11-100	○ 101+	Length (inches)	Comments
⊠ <u>Blenny?</u>	1	O 2-10	O 11-100	○ 101+	Length (inches)	Comments barred blenny
Butterflyfish-Spotfin	\bigcirc 1	O 2-10	O 11-100	O 101+	Length (inches)	Comments
Butterflyfish?	O 1	O 2-10	O 11-100	O 101+	Length (inches)	Comments
✓ Cardinalfish-Two-Spot	O 1	2-10	O 11-100	○ 101+	Length (inches)	Comments
Chromis-Purple-Reeffish	01	C 2-10	O 11-100	○ 101+	Length (inches)	Comments
Chromis-Yellowtail- Reeffish	O 1	C 2-10	O 11-100	○ 101+	Length (inches)	Comments
Cobia (Ling)	\bigcirc 1	O 2-10	O 11-100	○ 101+	Length (inches)	Comments
Cowfish-Scrawled	01	O 2-10	O 11-100	○ 101+	Length (inches)	Comments
✓ Damselfish-Cocoa	O 1	O 2-10	11-100	○ 101+	Length (inches)	Comments
Damselfish?	01	O 2-10	O 11-100	○ 101+	Length (inches)	Comments
Dolphin?	01	O 2-10	O 11-100	○ 101+	Length (inches)	Comments
✓ <u>Drum-Cubbyu</u>	O 1	C 2-10	11-100	○ 101+	Length (inches)	Comments
Drum-Jackknifefish	01	O 2-10	O 11-100	○ 101+	Length (inches)	Comments
Eel?	O 1	C 2-10	O 11-100	○ 101+	Length (inches)	Comments
Flounder-Gulf	01	O 2-10	<u> </u>	○ 101+	Length (inches)	Comments
Filefish?	O 1	O 2-10	O 11-100	O 101+	Length (inches)	Comments
Frogfish-Ocellated	O 1	O 2-10	O 11-100	○ 101+	Length (inches)	Comments
Goby-Spotted	01	O 2-10	O 11-100	○ 101+	Length (inches)	Comments
Goby?	01	O 2-10	O 11-100	O 101+	Length (inches)	Comments

✓ Grouper-Gag	O 1	O 2-10	11-100	O 101+	Length (inches) 14-32	Comments
✓ Grouper-Goliath	1	O 2-10	O 11-100	○ 101+	Length (inches)	Comments 3-5ft
Grouper-Graysby	O 1	O 2-10	O 11-100	○ 101+	Length (inches)	Comments
Grouper-Red	O 1	O 2-10	O 11-100	○ 101+	Length (inches)	Comments
Grouper-Rock-Hind	O 1	O 2-10	O 11-100	O 101+	Length (inches)	Comments
√ Grouper-Scamp	O 1	2-10	O 11-100	O 101+	Length (inches) 2	Comments
Grunt-Juvenile	O 1	O 2-10	O 11-100	O 101+	Length (inches)	Comments
✓ Grunt-Tomtate	O 1	O 2-10	O 11-100	101+	Length (inches)	Comments
Grunt-White	O 1	O 2-10	O 11-100	O 101+	Length (inches)	Comments
Grunt?	O 1	O 2-10	O 11-100	O 101+	Length (inches)	Comments
Hogfish	O 1	O 2-10	O 11-100	O 101+	Length (inches)	Comments
Hogfish-Spanish	O 1	O 2-10	O 11-100	O 101+	Length (inches)	Comments
Jack-Almaco-Lesser-AJ	O 1	O 2-10	O 11-100	O 101+	Length (inches)	Comments
Jack-Blue-Runner	O 1	O 2-10	O 11-100	O 101+	Length (inches)	Comments
 ✓ Jack-Greater-Amberjack	O 1	O 2-10	11-100	O 101+	Length (inches)	Comments
Jack-Lookdown	O 1	C 2-10	O 11-100	○ 101+	Length (inches)	Comments
Jack-Rainbow-Runner	O 1	O 2-10	O 11-100	○ 101+	Length (inches)	Comments
Jack-Round-Scad-Cigar- Minnow	O 1	O 2-10	O 11-100	• 101+	Length (inches)	Comments
Jack?	O 1	O 2-10	O 11-100	○ 101+	Length (inches)	Comments
Lionfish	1	C 2-10	O 11-100	○ 101+	Length (inches) 5	Comments killed
Lizardfish?	O 1	O 2-10	O 11-100	○ 101+	Length (inches)	Comments
Mackeral-King	O 1	O 2-10	O 11-100	O 101+	Length (inches)	Comments
✓ Mackeral-Spanish	O 1	2-10	O 11-100	O 101+	Length (inches)	Comments
<u> Mahi</u>	O 1	O 2-10	O 11-100	○ 101+	Length (inches)	Comments
Minnows-Glass-Small-Fry	O 1	C 2-10	O 11-100	○ 101+	Length (inches)	Comments
Pinfish?	O 1	O 2-10	O 11-100	O 101+	Length (inches)	Comments
Porgy-Saucereye	O 1	O 2-10	O 11-100	○ 101+	Length (inches)	Comments
Porgy-Sheepshead-Porgy						

Porgy-Sheepshead	O 1	O 2-10	O 11-100	○ 101+	Length (inches)	Comments
Porgy?	O 1	O 2-10	O 11-100	O 101+	Length (inches)	Comments
Puffer-Bandtail	O 1	O 2-10	O 11-100	○ 101+	Length (inches)	Comments
Puffer-Sharpnose	O 1	O 2-10	O 11-100	○ 101+	Length (inches)	Comments
Puffer?	O 1	C 2-10	O 11-100	O 101+	Length (inches)	Comments
Ray?	O 1	O 2-10	O 11-100	O 101+	Length (inches)	Comments
Shark?	O 1	C 2-10	O 11-100	O 101+	Length (inches)	Comments
Sharksucker-Sharksucker	01	O 2-10	O 11-100	○ 101+	Length (inches)	Comments
Sharksucker-Whitefin	O 1	O 2-10	O 11-100	O 101+	Length (inches)	Comments
Sand-Perch	O 1	2-10	O 11-100	○ 101+	Length (inches)	Comments
Seabass-Bank	O 1	O 2-10	O 11-100	○ 101+	Length (inches)	Comments
	O 1	2-10	O 11-100	O 101+	Length (inches)	Comments
√ Seabass-Black	O 1	2-10	O 11-100	O 101+	Length (inches)	Comments
Seabass-Pygmy	O 1	O 2-10	O 11-100	○ 101+	Length (inches)	Comments
Seabass?	O 1	O 2-10	O 11-100	○ 101+	Length (inches)	Comments
✓ Snapper-Gray	1	O 2-10	O 11-100	○ 101+	Length (inches)	Comments
✓ Snapper-Lane	O 1	2-10	O 11-100	O 101+	Length (inches)	Comments
Snapper-Red	O 1	O 2-10	O 11-100	○ 101+	Length (inches)	Comments
Snapper-Vermillion	O 1	O 2-10	O 11-100	○ 101+	Length (inches)	Comments
✓ Snapper?	O 1	O 2-10	11-100	○ 101+	Length (inches) 1	Comments unk juv. Probably
✓ Soapfish-Whitespotted	O 1	2-10	O 11-100	O 101+	Length (inches)	Comments
Spadefish-Atlantic	O 1	O 2-10	O 11-100	○ 101+	Length (inches)	Comments
Toadfish-Leopard	O 1	O 2-10	O 11-100	○ 101+	Length (inches)	Comments
Triggerfish-Gray	O 1	O 2-10	O 11-100	○ 101+	Length (inches)	Comments
Wrasse-Slippery-Dick	O 1	2-10	O 11-100	O 101+	Length (inches)	Comments
✓ Unlisted-See-Comments	O 1	O 2-10	11-100	○ 101+	Length (inches)	Comments unk juv
✓ Unlisted-See-Comments	1	O 2-10	O 11-100	O 101+	Length (inches) 2	Comments Squirrelfish
Unlisted-See-Comments	O 1	O 2-10	O 11-100	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 ✓ 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 1-25% 26-50% 51-75% 76-100% Size (inches) Sponges Describe ● 1-25% ○ 26-50% ○ 51-75% ○ 76-100% Size (inches) **✓** Unlisted-See-Comments Describe tunicates Invertebrates at Reef (Click on the hyper-links below for identification) Cowry-Spotted-Cyphoma 1 C 2-10 C 11-100 C 101+ Size (inches) Comments Cowry-West-Indian-Simnia (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 O 2-10 O 11-100 O 101+ Comments \bigcirc 1 Size (inches) O 2-10 O 11-100 O 101+ Crab-Stone \bigcirc 1 Size (inches) Comments Crab-Yellowline-Arrow \bigcirc 1 O 2-10 O 11-100 O 101+ Size (inches) Comments O 2-10 O 11-100 O 101+ Comments Crab? \bigcirc 1 Size (inches) Lobster-Shovelnose \bigcirc 1 O 2-10 O 11-100 O 101+ Comments Size (inches) Lobster-Spiny C 2-10 C 11-100 C 101+ \bigcirc 1 Comments Size (inches) **✓** Octopus O 2-10 O 11-100 O 101+ () Comments Size (inches) Sea-Cucumber \bigcirc 1 O 2-10 O 11-100 O 101+ Size (inches) Comments ✓ Sea-Slug \bigcirc 1 O 2-10 • 11-100 O 101+ Size (inches) Comments | Aplysia brasiliana Sea-Star O 2-10 O 11-100 O 101+ \bigcirc 1 Size (inches) Comments

Size (inches)

 \bigcirc 1

✓ Sea-Urchin

Comments

Snail-Atlantic-Hairy-Triton	\bigcirc 1	O 2-10	O 11-100	O 101+	Size (inches)	Comments
Snail-Murex	O 1	O 2-10	O 11-100	○ 101+	Size (inches)	Comments
Snail-Netted-Olive	O 1	O 2-10	O 11-100	○ 101+	Size (inches)	Comments
Snail-Florida-Horse-Conch	O 1	2-10	O 11-100	○ 101+	Size (inches)	Comments
✓ Unlisted-See-Comments	01	C 2-10	O 11-100	101+	Size (inches)	Comments sand dollars
Turtles and Air Bre	athers/	'Mamn	nals (Clic	k on the	hyper-links be	low for identification)
Turtle-Green	O 1	C 2-10	O 11-100	O 101+	Size (inches)	Comments
Turtle-Leatherback	O 1	C 2-10	O 11-100	O 101+	Size (inches)	Comments
Turtle-Loggerhead	O 1	O 2-10	O 11-100	○ 101+	Size (inches)	Comments
Turtle?	O 1	O 2-10	O 11-100	○ 101+	Size (inches)	Comments
Whale?	O 1	C 2-10	O 11-100	○ 101+	Size (inches)	Comments
Unlisted-See-Comments	O 1	C 2-10	O 11-100	○ 101+	Size (inches)	Comments
Unlisted-See-Comments	O 1	O 2-10	O 11-100	O 101+	Size (inches)	Comments
Unlisted-See-Comments	O 1	O 2-10	<u> </u>	○ 101+	Size (inches)	Comments
Other Observatio	ns/Pho	tos:				
Observations						
Photos? Attached?	Yes					
Video?						

Print Form

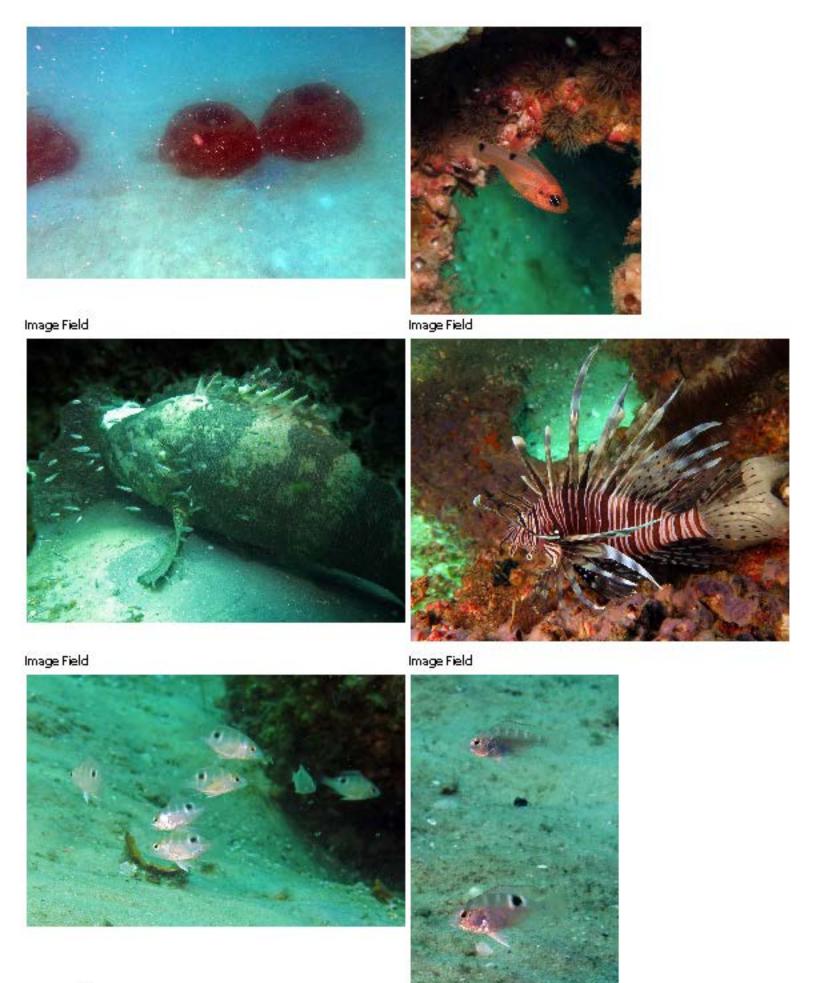
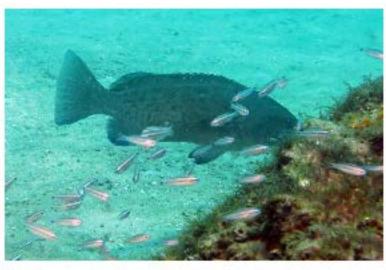


Image Field Image Field



Image Field Image Field



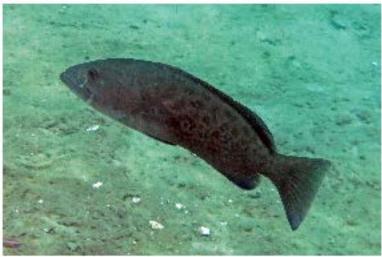


Image Field



Image Field



Image Field



Image Field

Image Field Image Field