MBARA Diver's Reef Survey Form Rev 11 May 2013

Clear Form

Reef Number and Name 131 MB-131 Mac Crutchfield's Reef							
Latitude 29 44.124 Longitude 85 29.022 Was published lat/lon correct? Yes							
GPS Manufacturer & Model: Garmin 188C							
Sonar Depth (feet)66Survey DateJul 12, 2015Time1100							
Weather Conditions Sunny Sea Condition 2-3ft							
Boat Name Bob Cat Boat Captain Bob Cox							
Dive Leader Bob Cox							
Dive Team Members Ron Childs, Brian & Kimberly Higdon							
Depth Gauge Depth (feet) 69 Diver Bottom Time (minutes) 40							
Water Temp Surface (Fahrenheit)85Water Temp Bottom (Fahrenheit)77							
Water Visibility Surface (feet) 30 Water Visibility Bottom (feet) 15							
Thermocline Depth (feet)40Current DirectionSCurrent Speed (knots)1.5							
Other Water Column Characteristics (check all that apply)							
Plankton Algae Jellyfish Turbid Other							
Bottom Composition (check all that apply)							
\Box Sand \Box Silt \Box Mud \Box Gravel \Box Shell \Box Other							
Reef Materials & Quantity 5 FLAR, 1 Eco, 1 Grouper Unit							
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 Moderate movement Major movement 							
Explain damage/movement and suspected cause 1 FLAR on side							

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

Angelfish-Blue	○ 1	0 2-10	0 () 11-100	○ 101+	Length (inches)	Comments
Angelfish-Queen	01	0 2-10	0 () 11-100	○ 101+	Length (inches)	Comments
Barracuda-Great	01	○ 2-10	0 11-100	○ 101+	Length (inches)	Comments
Barracuda-Guaguanche	○ 1	○ 2-10	0 () 11-100	○ 101+	Length (inches)	Comments
Batfish-Polka-Dot	○ 1	○ 2-10	0 () 11-100	○ 101+	Length (inches)	Comments
Blenny-Molly-Miller	○ 1	0 2-10	0 () 11-100	○ 101+	Length (inches)	Comments
✓ Blenny-Seaweed	01	0 2-10	• 11-100	○ 101+	Length (inches)	Comments
Blenny-Tessellated	○ 1	0 2-10	0 () 11-100	○ 101+	Length (inches)	Comments
Blenny?	01	0 2-10	0 () 11-100	○ 101+	Length (inches)	Comments
✓ Butterflyfish-Spotfin	• 1	○ 2-10	0 () 11-100	○ 101+	Length (inches)	Comments
Butterflyfish?	O 1	0 2-10	0 () 11-100	○ 101+	Length (inches)	Comments
Cardinalfish-Two-Spot	01	○ 2-10	• 11-100	○ 101+	Length (inches)	Comments
Chromis-Purple-Reeffish	01	0 2-10	0 () 11-100	○ 101+	Length (inches)	Comments
Chromis-Yellowtail- Reeffish	01	0 2-10	0 11-100	○ 101+	Length (inches)	Comments
Cobia (Ling)	○ 1	0 2-10	0 () 11-100	○ 101+	Length (inches)	Comments
Cowfish-Scrawled	01	0 2-10	0 11-100	○ 101+	Length (inches)	Comments
✓ Damselfish-Cocoa	01	0 2-10	• 11-100	○ 101+	Length (inches)	Comments
Damselfish?	01	0 2-10	0 11-100	○ 101+	Length (inches)	Comments
Dolphin?	○ 1	0 2-10	0 () 11-100	○ 101+	Length (inches)	Comments
✓ Drum-Cubbyu	○ 1	0 2-10	• • 11-100	○ 101+	Length (inches)	Comments
Drum-Jackknifefish	○ 1	0 2-10	0 () 11-100	○ 101+	Length (inches)	Comments
Eel?	01	0 2-10	0 () 11-100	○ 101+	Length (inches)	Comments
√ <u>Flounder-Gulf</u>	○ 1	2-10	0 () 11-100	○ 101+	Length (inches)	Comments
<u>Filefish?</u>	○ 1	○ 2-10	0 () 11-100	○ 101+	Length (inches)	Comments
Frogfish-Ocellated	○ 1	○ 2-10	0 () 11-100	○ 101+	Length (inches)	Comments
Goby-Spotted	○ 1	○ 2-10	0 () 11-100	○ 101+	Length (inches)	Comments
Goby?	01	0 2-10	0 () 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	O 1	O 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Grouper-Red	<u> </u>	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
Grunt-Juvenile	<u> </u>	○ 2-10	○ 11-100 ○ 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	O 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Jack-Almaco-Lesser-AJ	O 1	O 2-10	○ 11-100 ○ 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	○ 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Jack-Round-Scad-Cigar- ✓ Minnow	○ 1	O 2-10	○ 11-100 ④ 101+	Length (inches)	Comments
<mark>√</mark> Jack?	O 1	O 2-10	11-100 () 101+	Length (inches)	Comments yellow jack
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
<u> </u>	○ 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	01	2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Porgy?	01	○ 2-10	0 11-100 () 101+	Length (inches)	Comments
✓ Puffer-Bandtail	01	2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Puffer-Sharpnose	01	○ 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Puffer?	01	○ 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Ray?	01	○ 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
<u>Shark?</u>	01	○ 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Sharksucker-Sharksucker	O 1	○ 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Sharksucker-Whitefin	01	○ 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Sand-Perch	O 1	○ 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Seabass-Bank	O 1	○ 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Seabass-Belted-Sandfish	O 1	○ 2-10	• 11-100 () 101+	Length (inches)	Comments
Seabass-Black	<u> </u>	○ 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Seabass-Pygmy	O 1	○ 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
<u>Seabass?</u>	O 1	○ 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
✓ Snapper-Gray	O 1	○ 2-10	• 11-100 () 101+	Length (inches)	Comments
✓ Snapper-Lane	• 1	○ 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
✓ Snapper-Red	O 1	○ 2-10	• 11-100 () 101+	Length (inches)	Comments
✓ Snapper-Vermillion	○ 1	○ 2-10	○ 11-100 ④ 101+	Length (inches)	Comments
Snapper?	O 1	○ 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Soapfish-Whitespotted	O 1	2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Spadefish-Atlantic	O 1	2-10	○ 11-100 ○ 101+	Length (inches)	Comments
✓ Toadfish-Leopard	• 1	○ 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
√ Triggerfish-Gray	O 1	○ 2-10	• 11-100 () 101+	Length (inches)	Comments
Wrasse-Slippery-Dick	O 1	○ 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Unlisted-See-Comments	O 1	○ 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Unlisted-See-Comments	O 1	○ 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Unlisted-See-Comments	○ 1	○ 2-10	○ 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% ④ 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%	
Coral-Occulina	○ 1-25% ○ 26-50% ○ 51-75% ○ 76-100% Size (inches) Describe	
Coral-White-Telesto	○ 1-25%	
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	O 2-10	O 11-100	○ 101+	Size (inches)	Comments
Cowry-West-Indian-Simnia	<u> </u>	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Crab-Swimming	○ 1	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Crab-Stareye-Hermit	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Crab-Stone	○ 1	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Crab-Yellowline-Arrow	○ 1	○ 2-10	11-100	○ 101+	Size (inches)	Comments
Crab?	<u> </u>	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Lobster-Shovelnose	<u> </u>	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Lobster-Spiny	<u> </u>	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments
<u>Octopus</u>	<u> </u>	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Sea-Cucumber	<u> </u>	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Sea-Slug	<u> </u>	O 2-10	O 11-100	○ 101+	Size (inches)	Comments
Sea-Star	<u> </u>	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Sea-Urchin	○ 1	○ 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	01	○ 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Snail-Netted-Olive	01	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Snail-Florida-Horse-Conch	01	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Unlisted-See-Comments	01	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Turtles and Air Bre	athers/	'Mamm	nals (Clic	k on the	hyper-links be	low for identification)
Turtle-Green	01	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Turtle-Leatherback	01	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Turtle-Loggerhead	01	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Turtle?	01	○ 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Whale?	01	○ 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Unlisted-See-Comments	01	○ 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Unlisted-See-Comments	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)	Comments
Unlisted-See-Comments	○ 1	O 2-10	0 11-100	○ 101+	Size (inches)	Comments

Other Observations/Photos:

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

Print Form

Image Field

Image Field