MBARA Diver's Reef Survey Form Rev 11 May 2013 Clear Form							
Reef Number and Name 119 Pridgeon/120 Hannon/122 MB Memorial Reefs							
Latitude (00 00.000)							
GPS Manufacturer & Model: Garmin 188C							
Sonar Depth (feet) 60 Survey Date Aug 24, 2014 Time 1115							
Weather Conditions Sunny Sea Condition 1 ft							
Boat Name Bob Cat Boat Captain Bob Cox							
Dive Leader Bob Cox							
Dive Team Members Carol Cox							
Depth Gauge Depth (feet) 61 Diver Bottom Time (minutes) 90							
Water Temp Surface (Fahrenheit) 86 Water Temp Bottom (Fahrenheit) 77							
Water Visibility Surface (feet) 60 Water Visibility Bottom (feet) 45							
Thermocline Depth (feet) 28 Current Direction NW 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 Pyramids							
Reef Height at Highest Point (measured from base to top of the reef)(feet) 51							
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)	Comments
Angelfish-Queen	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Barracuda-Great	O 1	<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	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	O 11-100	O 101+	Length (inches)	Comments
Blenny-Tessellated	O 1	<u> </u>	O 11-100	O 101+	Length (inches)	Comments
⊠ <u>Blenny?</u>	O 1	2-10	O 11-100	O 101+	Length (inches)	Comments Barred Blenny
Butterflyfish-Spotfin	O 1	<u> </u>	O 11-100	O 101+	Length (inches)	Comments
Butterflyfish?	O 1	<u> </u>	O 11-100	O 101+	Length (inches)	Comments
✓ Cardinalfish-Two-Spot	O 1	<u> </u>	11-100	O 101+	Length (inches)	Comments
Chromis-Purple-Reeffish	O 1	<u> </u>	O 11-100	O 101+	Length (inches)	Comments
Chromis-Yellowtail- Reeffish	O 1	<u> </u>	O 11-100	O 101+	Length (inches)	Comments
Cobia (Ling)	<u> </u>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Cowfish-Scrawled	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
✓ Damselfish-Cocoa	O 1	<u> </u>	11-100	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	<u> </u>	11-100	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?	<u> </u>	<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?	<u> </u>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments

Grouper-Gag	O 1	<u> </u>	<u> </u>	○ 101+	Length (inches)	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	O 1	2-10	<u> </u>	O 101+	Length (inches)	Comments
Grouper-Rock-Hind	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
✓ Grouper-Scamp	O 1	<u> </u>	11-100	O 101+	Length (inches)	Comments
Grunt-Juvenile	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
✓ Grunt-Tomtate	O 1	<u> </u>	11-100	O 101+	Length (inches)	Comments
Grunt-White	1	<u> </u>	<u> </u>	○ 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	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
√ Jack-Blue-Runner	O 1	<u> </u>	11-100	O 101+	Length (inches)	Comments
√ Jack-Greater-Amberjack	O 1	2-10	<u> </u>	O 101+	Length (inches)	Comments
✓ Jack-Greater-Amberjack ✓ Jack-Lookdown	○ 1○ 1		11-10011-100		Length (inches)	Comments
		<u> </u>		O 101+		
Jack-Lookdown	O 1	2-102-10	O 11-100	○ 101+○ 101+	Length (inches)	Comments
☐ Jack-Lookdown ☐ Jack-Rainbow-Runner ☐ Jack-Round-Scad-Cigar-	○ 1 ○ 1	2-102-102-10	11-10011-100	101+101+101+	Length (inches)	Comments
☐Jack-Lookdown ☐Jack-Rainbow-Runner ☐Jack-Round-Scad-Cigar- Minnow	1111	2-102-102-102-10	11-10011-10011-100	101+101+101+101+	Length (inches) Length (inches) Length (inches)	Comments Comments
□ Jack-Lookdown □ Jack-Rainbow-Runner □ Jack-Round-Scad-Cigar- Minnow □ Jack?	11111	2-102-102-102-102-10	11-10011-10011-10011-100	 101+ 101+ 101+ 101+ 101+ 	Length (inches) Length (inches) Length (inches) Length (inches)	Comments Comments Comments Comments
□ Jack-Lookdown □ Jack-Rainbow-Runner □ Jack-Round-Scad-Cigar- Minnow □ Jack? □ Lionfish	111111	 2-10 2-10 2-10 2-10 2-10 2-10 	11-10011-10011-10011-10011-100	 ○ 101+ ○ 101+ ⑥ 101+ ○ 101+ ○ 101+ ○ 101+ 	Length (inches) Length (inches) Length (inches) Length (inches) Length (inches)	Comments Comments Comments Comments Comments
□ Jack-Lookdown □ Jack-Rainbow-Runner □ Jack-Round-Scad-Cigar- Minnow □ Jack? □ Lionfish □ Lizardfish?	111111	 2-10 2-10 2-10 2-10 2-10 2-10 2-10 	11-10011-10011-10011-10011-10011-100	 ○ 101+ ○ 101+ ⑥ 101+ ○ 101+ ○ 101+ ○ 101+ ○ 101+ 	Length (inches) Length (inches) Length (inches) Length (inches) Length (inches) Length (inches)	Comments Comments Comments Comments Comments Comments
□ Jack-Lookdown □ Jack-Rainbow-Runner □ Jack-Round-Scad-Cigar- Minnow □ Jack? □ Lionfish □ Lizardfish? □ Mackeral-King	11111111	2-10 2-10 2-10 2-10 2-10 2-10 2-10 2-10	 11-100 11-100 11-100 11-100 11-100 11-100 11-100 	 ○ 101+ ○ 101+ ⑥ 101+ ○ 101+ ○ 101+ ○ 101+ ○ 101+ ○ 101+ 	Length (inches)	Comments Comments Comments Comments Comments Comments Comments Comments
□ Jack-Lookdown □ Jack-Rainbow-Runner □ Jack-Round-Scad-Cigar- Minnow □ Jack? □ Lionfish □ Lizardfish? □ Mackeral-King □ Mackeral-Spanish	 1 	2-10 2-10 2-10 2-10 2-10 2-10 2-10 2-10	 11-100 11-100 11-100 11-100 11-100 11-100 11-100 11-100 	 ○ 101+ ○ 101+ ⑥ 101+ ○ 101+ 	Length (inches)	Comments Comments Comments Comments Comments Comments Comments Comments Comments
□ Jack-Lookdown □ Jack-Rainbow-Runner □ Jack-Round-Scad-Cigar- Minnow □ Jack? □ Lionfish □ Lizardfish? □ Mackeral-King □ Mackeral-Spanish □ Mahi	 1 	 2-10 	 11-100 	 ○ 101+ 	Length (inches)	Comments
□ Jack-Lookdown □ Jack-Rainbow-Runner □ Jack-Round-Scad-Cigar- Minnow □ Jack? □ Lionfish □ Lizardfish? □ Mackeral-King □ Mackeral-Spanish □ Minnows-Glass-Small-Fry	 1 	2-10 2-10 2-10 2-10 2-10 2-10 2-10 2-10	 11-100 	 ○ 101+ 	Length (inches) Length (inches)	Comments Comments

▼ Porgy-Sheepshead	O 1	2-10	<u> </u>	O 101+	Length (inches)	Comments
Porgy?	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Puffer-Bandtail	O 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?	1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments Sandbar
Sharksucker-Sharksucker	O 1	2-10	<u> </u>	O 101+	Length (inches)	Comments
Sharksucker-Whitefin	O 1	<u> </u>	<u> </u>	○ 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>	○ 101+	Length (inches)	Comments
Seabass-Pygmy	O 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	<u> </u>	11-100	O 101+	Length (inches) 12	Comments
Snapper-Lane	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
✓ Snapper-Red	O 1	<u> </u>	<u> </u>	101+	Length (inches) 8-20	Comments
Snapper-Vermillion	O 1	<u> </u>	<u> </u>	○ 101+	Length (inches)	Comments
Snapper?	O 1	<u> </u>	<u> </u>	○ 101+	Length (inches)	Comments
Soapfish-Whitespotted	O 1	2-10	<u> </u>	○ 101+	Length (inches)	Comments
 Spadefish-Atlantic	O 1	<u> </u>	11-100	○ 101+	Length (inches)	Comments
Toadfish-Leopard	O 1	<u> </u>	<u> </u>	○ 101+	Length (inches)	Comments
 ✓ Triggerfish-Gray	O 1	<u> </u>	11-100	○ 101+	Length (inches)	Comments
✓ Wrasse-Slippery-Dick	O 1	<u> </u>	11-100	○ 101+	Length (inches)	Comments
Unlisted-See-Comments	O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments
Unlisted-See-Comments	O 1	<u> </u>	<u> </u>	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 ✓ Anemone Describe ■ 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 ○ 1-25% ○ 26-50% ○ 51-75% ○ 76-100% Size (inches) Coral-Gorgonian 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 ✓ Unlisted-See-Comments Describe Tunicates 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 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 O 2-10 O 11-100 O 101+ \bigcirc 1 Comments Size (inches) \bigcirc 1 ● 2-10 ○ 11-100 ○ 101+ Size (inches) Comments \bigcirc 1 O 2-10 O 11-100 O 101+ Crab? Size (inches) Comments Lobster-Shovelnose \bigcirc 1 O 2-10 O 11-100 O 101+ Size (inches) Comments Lobster-Spiny ○ 2-10 ○ 11-100 ○ 101+ \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+ \bigcirc 1 Size (inches) Comments Sea-Slug \bigcirc 1 O 2-10 O 11-100 O 101+ Comments Size (inches) Sea-Star \bigcirc 1 O 2-10 O 11-100 O 101+ Comments Size (inches) **✓** Sea-Urchin ○ 2-10 11-100 101+ \bigcirc 1 Comments Size (inches)

Snail-Atlantic-Hairy-Triton	O 1	<u> </u>	11-100 (101+	Size (inches)	Comments
Snail-Murex	O 1	<u> </u>	11-100 (101+	Size (inches)	Comments
Snail-Netted-Olive	O 1	<u> </u>	11-100 (101+	Size (inches)	Comments
Snail-Florida-Horse-Conch	O 1	<u> </u>	11-100 (101+	Size (inches)	Comments
Unlisted-See-Comments	O 1	<u> </u>	11-100 (101+	Size (inches)	Comments
Turtles and Air Bre	athers/	'Mamma	ls (Click on the	hyper-links belov	v for identification)
Turtle-Green	O 1	<u> </u>	11-100 (101+	Size (inches)	Comments
Turtle-Leatherback	O 1	<u> </u>	11-100 (101+	Size (inches)	Comments
Turtle-Loggerhead	O 1	<u> </u>	11-100 (101+	Size (inches)	Comments
Turtle?	O 1	<u> </u>	11-100 (101+	Size (inches)	Comments
Whale?	O 1	<u> </u>	11-100 (101+	Size (inches)	Comments
Unlisted-See-Comments	O 1	<u> </u>	11-100 (101+	Size (inches)	Comments
Unlisted-See-Comments	<u> </u>	<u> </u>	11-100 (101+	Size (inches)	Comments
Unlisted-See-Comments	O 1	<u> </u>	11-100 (101+	Size (inches)	Comments
✓ Other Observatio	ns/Pho	tos:			
plaque on t growth pro	he Hannon tecting the	reef is in muc	ch better condition. I su		e cleaning of the plaque. The ency of c;leaning with marine hey remain uncleaned.
Photos? Yes Video? Yes	Yes				



Image Field



Image Field

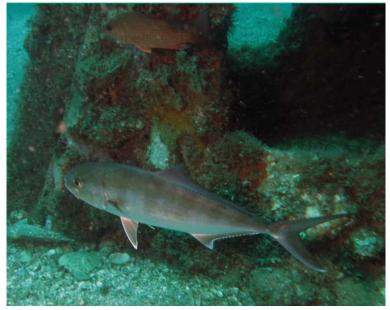


Image Field

Image Field



Image Field

Image Field

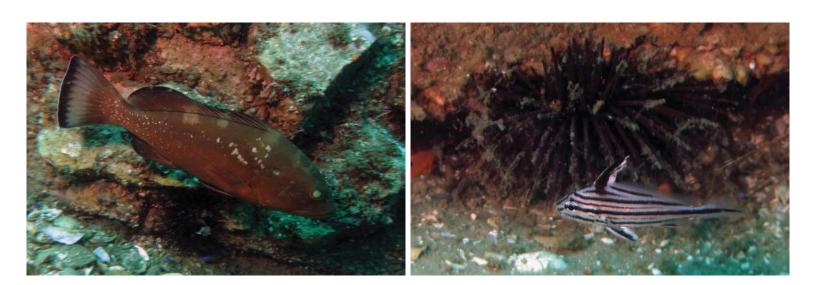


Image Field Image Field





Image Field Image Field





Image Field Image Field





Image Field



Image Field



Image Field



Image Field



Image Field Image Field





Image Field

Image Field



Image Field



Image Field



Image Field Image Field