MBARA Diver's Reef Survey Form Rev 20 Jun 2016	Clear Form
Reef Number and Name 185 MB-185 Unnamed	
Latitude (00 00.000) Longitude (00 00.000) Was published Yes Sonar Deptilished lat/lon correct?	า (ft) <mark>91</mark>
GPS Manufacturer & Model: Garmin 188C	
Survey Date 07/28/2018 Dive # 3 Time 1515	
Cloud Cover % 0 Wind Spd & Dir Wave Height (ft)	
Boat Name Bobcat Boat Captain Bob Cox Crew Carol Cox	
Divers Bob Cox, Carol Cox, Brian Higdon, and Kimberly Higdon	
Survey Type Roving Diver Depth Gauge Depth (ft) 92 Diver Bottom Time (min	utes) 40
Water Temp Surface (Fahrenheit) Water Temp Bottom (Fahrenheit)	
Water Visibility Surface (feet) 86 Water Visibility Bottom (feet) 72	
Thermocline Depth (feet) 50 Current Direction Current Speed (knots)	
Other Water Column Characteristics (check all that apply)	
$_{\square}$ Plankton $_{\square}$ Algae $_{\square}$ Jellyfish $_{oxedown}$ Turbid $_{\square}$ Other	
Bottom Composition (check all that apply)	
⊠ Sand □ Silt □ Mud □ Gravel □ Shell □ Other □	
Reef Materials & Quantity 1 Hybrid, 2 FLAR	
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 ○ Damage No movement ○ Movement 	
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					
✓ Batfish-Polka-Dot	1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments					
✓ Blenny-Seaweed	1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments					
✓ Blenny-?	O 1	2-10	<u> </u>	O 101+	Length (inches)	Comments barred blenny					
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	1	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments					
✓ Chromis-Purple-Reeffish	O 1	2-10	<u> </u>	O 101+	Length (inches)	Comments					
Chromis-Yellowtail- Reeffish	O 1	2-10	<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					
✓ 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	<u> </u>	<u> </u>	<u> </u>	O 101+	Length (inches)	Comments					
✓ Goby-Spotted	<u> </u>	<u> </u>	11-100	O 101+	Length (inches)	Comments					

1 2-10 11-100 101+ Length (inches)

✓ Goby?

Comments convict goby

✓	Grouper-Gag	0	1	2-1	0	0 1	11-100	<u> </u>		Length (in	iches)	Comments	
✓	Grouper-Goliath	•	1	Leng	th:	<3ft	<u> </u>	5ft ⑥ >5	ft	\circ	Comments		
	Grouper-Goliath	0	1	Leng	th:	<3ft	<u> </u>	5ft () >5	ft	\circ	Comments		
	Grouper-Goliath	0	1	Leng	th:	<3ft	<u> </u>	5ft (>5	ft	\circ	Comments		
	Grouper-Goliath	0	1	Leng	th:	<3ft	<u> </u>	5ft (>5	ft	\circ	Comments		
	Grouper-Goliath	0	1	Leng	th:	<3ft	<u> </u>	5ft (>5	ft	\circ	Comments		
	Grouper-Goliath	\circ	1	Leng	th:	<3ft	<u> </u>	5ft (>5	ft	\circ	Comments		
	Grouper-Goliath	\circ	1	Leng	th:	<3ft	<u> </u>	5ft (>5	ft	\circ	Comments		
	Grouper-Goliath	\circ	1	Leng	th:	<3ft	<u> </u>	5ft (>5	ft	\circ	Comments		
	Grouper-Goliath	\circ	1	Leng	th:	<3ft	<u> </u>	5ft (>5	ft	\circ	Comments		
	Grouper-Goliath	\circ	1	Leng	th:	<3ft	<u> </u>	5ft (>5	ft	\circ	Comments		
	Grouper-Graysby	0	1	<u> </u>	0	0 1	11-100	O 101+		Length (in	iches)	Comments	
	Grouper-Red	0	1	<u> </u>	0	0 1	11-100	O 101+		Length (in	iches)	Comments	
	Grouper-Rock-Hind	0	1	<u> </u>	0	0 1	11-100	O 101+		Length (in	iches)	Comments	
✓	Grouper-Scamp	•	1	<u> </u>	0	0 1	11-100	O 101+		Length (in	iches)	Comments	
	<u>Grunt-Juvenile</u>	0	1	<u> </u>	0	0 1	11-100	O 101+		Length (in	iches)	Comments	
✓	<u>Grunt-Tomtate</u>	0	1	<u> </u>	0	0 1	11-100	101+		Length (in	iches)	Comments	
	<u>Grunt-White</u>	0	1	<u> </u>	0	0 1	11-100	O 101+		Length (in	iches)	Comments	
	Grunt?	0	1	<u> </u>	0	0 1	11-100	O 101+		Length (in	iches)	Comments	
	<u>Hogfish</u>	0	1	<u> </u>	0	0 1	11-100	O 101+		Length (in	iches)	Comments	
	Hogfish-Spanish	0	1	<u> </u>	0	0 1	11-100	O 101+		Length (in	iches)	Comments	
✓	Jack-Almaco	0	1	2-1	0	0 1	11-100	O 101+		Length (in	iches)	Comments	
	<u>Jack-Blue-Runner</u>	0	1	<u> </u>	0	0 1	11-100	O 101+		Length (in	iches)	Comments	
	Jack-Greater-Amberjack	0	1	<u> </u>	0	0 1	11-100	O 101+		Length (in	iches)	Comments	
	<u>Jack-Rainbow-Runner</u>	0	1	<u> </u>	0	0 1	11-100	O 101+		Length (in	iches)	Comments	
	<u>Jack-Round-Scad-Cigar-</u> <u>Minnow</u>	0	1	<u> </u>	0	0 1	11-100	O 101+		Length (in	iches)	Comments	
√	<u>Jack?</u>	0	1	2-1	0	0 1	11-100	O 101+		Length (in	iches)	Comments	Yellow Jack
	Jack?	\bigcirc	1	<u> </u>	0	0 1	11-100	O 101+		Length (in	iches)	Comments	

/	Lionfish	0	1	\circ	2-10	•	11-100	\circ	101+	Length (inches)	Comments	killed
	<u>Mackeral-King</u>	0	1	0	2-10	0	11-100	\circ	101+	Length (inches)	Comments	
	<u>Mackeral-Spanish</u>	\circ	1	\circ	2-10	\circ	11-100	\circ	101+	Length (inches)	Comments	
	Minnows-Glass-Small-Fry	0	1	0	2-10	0	11-100	\circ	101+	Length (inches)	Comments	
	Pinfish?	0	1	\bigcirc	2-10	\bigcirc	11-100	\circ	101+	Length (inches)	Comments	
	Porgy-Sheepshead- Porgy	0	1	\bigcirc	2-10	\circ	11-100	\circ	101+	Length (inches)	Comments	
	Porgy-Sheepshead	0	1	0	2-10	0	11-100	0	101+	Length (inches)	Comments	
✓	Porgy?	0	1	•	2-10	0	11-100	0	101+	Length (inches)	Comments	whitebone porgy
	<u>Puffer-Bandtail</u>	0	1	0	2-10	0	11-100	0	101+	Length (inches)	Comments	
✓	<u>Puffer-Sharpnose</u>	•	1	0	2-10	0	11-100	0	101+	Length (inches)	Comments	
	Puffer?	0	1	0	2-10	0	11-100	0	101+	Length (inches)	Comments	
	Ray?	0	1	\circ	2-10	\circ	11-100	0	101+	Length (inches)	Comments	
	<u>Shark-Bull</u>	0	1	0	2-10	0	11-100	0	101+	Length (inches)	Comments	
	<u>Shark-Sandbar</u>	0	1	\circ	2-10	\circ	11-100	0	101+	Length (inches)	Comments	
	Shark?	0	1	\circ	2-10	0	11-100	0	101+	Length (inches)	Comments	
	Sharksucker-Sharksucker	0	1	\circ	2-10	0	11-100	0	101+	Length (inches)	Comments	
	Sand-Perch	0	1	\circ	2-10	0	11-100	0	101+	Length (inches)	Comments	
	<u>Seabass-Bank</u>	0	1	\circ	2-10	0	11-100	0	101+	Length (inches)	Comments	
✓	Seabass-Belted-Sandfish	0	1	•	2-10	0	11-100	0	101+	Length (inches)	Comments	
	<u>Seabass-Black</u>	0	1	0	2-10	0	11-100	0	101+	Length (inches)	Comments	
	<u>Seabass-Pygmy</u>	0	1	0	2-10	0	11-100	0	101+	Length (inches)	Comments	
	Seabass?	0	1	0	2-10	0	11-100	0	101+	Length (inches)	Comments	
✓	Snapper-Gray	0	1	0	2-10	•	11-100	0	101+	Length (inches)	Comments	
	<u>Snapper-Lane</u>	0	1	\circ	2-10	\circ	11-100	0	101+	Length (inches)	Comments	
✓	<u>Snapper-Red</u>	0	1	0	2-10	•	11-100	\circ	101+	Length (inches)	Comments	
✓	Snapper-Vermillion	0	1	•	2-10	\circ	11-100	\circ	101+	Length (inches)	Comments	
	Snapper?	0	1	0	2-10	\circ	11-100	\circ	101+	Length (inches)	Comments	
✓	Soapfish-Whitespotted	0	1	•	2-10	0	11-100	0	101+	Length (inches)	Comments	

	Spadefish-Atlantic	\bigcirc	1	\bigcirc	2-10	0	11-	100 (101+	Leng	gth (inches)		Comments	
	Toadfish-Leopard	\bigcirc	1	\bigcirc	2-10	\circ	11-	100 (101+	Leng	gth (inches)		Comments	
✓	Triggerfish-Gray	\bigcirc	1	0	2-10	•	11-	100 (101+	Leng	gth (inches)		Comments	
	Wrasse-Painted-Wrasse	0	1	0	2-10	0	11-	100 (101+	Leng	gth (inches)		Comments	
	Wrasse-Slippery-Dick	0	1	0	2-10	0	11-	100 (101+	Leng	gth (inches)		Comments	
	Unlisted-See-Comments	0	1	0	2-10	0	11-	100 (101+	Leng	gth (inches)		Comments	
	Unlisted-See-Comments	\bigcirc	1	0	2-10	0	11-	100 (101+	Leng	gth (inches)		Comments	
	Unlisted-See-Comments	\bigcirc	1	0	2-10	0	11-	100 (101+	Leng	gth (inches)		Comments	
	Unlisted-See-Comments	\bigcirc	1	\circ	2-10	0	11-	100 (101+	Leng	gth (inches)		Comments	
	Unlisted-See-Comments	0	1	0	2-10	0	11-	100 (101+	Leng	gth (inches)		Comments	
	Unlisted-See-Comments	0	1	0	2-10	0	11-	100 (101+	Leng	gth (inches)		Comments	
	Unlisted-See-Comments	0	1	0	2-10	0	11-	100 (101+	Leng	gth (inches)		Comments	
	Unlisted-See-Comments	\circ	1	\circ	2-10	\circ	11-	100 (101+	Leng	gth (inches)		Comments	
	Unlisted-See-Comments	\bigcirc	1	\circ	2-10	\circ	11-	100 (101+	Leng	gth (inches)		Comments	
												_			
	Unlisted-See-Comments	\bigcirc	1	0	2-10	0	11-	100 (101+	Leng	gth (inches)		Comments	
□ Gr	Unlisted-See-Comments owth on Reef (Cl			_									ation)	Comments	
□ Gr		icł	c on t	the	e hyp	oer	r-liı	nks l	be	low fo	or i			Comments	
Gr	owth on Reef (Cl	icl	c on 1 1-25%	the	26-50°	oer % (r- li i	nks 1-75%	be	10w fo	or i	dentific			
Gr	owth on Reef (Cl	 0 0	c on 1 1-25% 1-25%	the	26-50°	oer % (r- li ı	nks 1-75% 1-75%	be C	76-100	or io	dentific		Describe	
Gr	owth on Reef (Cl	icl	(on 1 1-25% 1-25% 1-25%	the O	26-50 ⁰ 26-50 ⁰ 26-50 ⁰	er % (% (r- li	nks 1-75% 1-75% 1-75%	be	76-10 76-10 76-10	or io	dentification of the state of t		Describe Describe	
Gr	owth on Reef (Cl Algae Anemone Barnacles Bivalves	clichooo	1-25% 1-25% 1-25% 1-25%	0 0 0	26-50° 26-50° 26-50° 26-50°	oer % (% (% (r-lii 5 5 5 5 5 5 5 5 5 5 5	nks 1-75% 1-75% 1-75%	be	76-100 76-100 76-100 76-100	0% 0% 0%	dentifica Size (inches) Size (inches) Size (inches)		Describe Describe	
Gr	owth on Reef (Cl Algae Anemone Barnacles Bivalves		1-25% 1-25% 1-25% 1-25% 1-25%	0 0 0 0	26-50° 26-50° 26-50° 26-50° 26-50°	mer (% () () () () () () () () () () () () ()	r-lii 5 5 5 5 5 5 5 5 5 5	nks 1-75% 1-75% 1-75% 1-75%	be	76-100 76-100 76-100 76-100 76-100	0% 0% 0% 0%	dentification of the state of t		Describe Describe Describe	
Gr	Algae Anemone Barnacles Bivalves Coral-Colorful-Sea-Whip		1-25% 1-25% 1-25% 1-25% 1-25% 1-25%	0 0 0 0	26-50° 26-50° 26-50° 26-50° 26-50°	oer (% (% (% (% (% (% (% (% (% (% (% (% (%	′-lii	nks 1-75% 1-75% 1-75% 1-75% 1-75%		76-100 76-100 76-100 76-100 76-100 76-100	00% 00% 00% 00% 00%	dentification of the state of t		Describe Describe Describe Describe	
Gr	Algae Anemone Barnacles Bivalves Coral-Colorful-Sea-Whip Coral-Hard-Unkown		1-25% 1-25% 1-25% 1-25% 1-25% 1-25%	0 0 0 0 0	26-50° 26-50° 26-50° 26-50° 26-50° 26-50°	Der (% () () () () () () () () () () () () ()	r-lii 5 5 5 5 5 5 5 5 5 5 5 5 5 5 6 6 7 7 7 7	nks 1-75% 1-75% 1-75% 1-75% 1-75% 1-75%	be	76-100 76-100 76-100 76-100 76-100 76-100	00° i0° i0° i0° i0° i0° i0° i0° i0° i0°	dentification of the control of the		Describe Describe Describe Describe Describe	
Gr	Algae Anemone Barnacles Bivalves Coral-Colorful-Sea-Whip Coral-Hard-Unkown Coral-Gorgonian		1-25% 1-25% 1-25% 1-25% 1-25% 1-25% 1-25%		26-50° 26-50° 26-50° 26-50° 26-50° 26-50°	Der () () () () () () () () () () () () ()	r-lii	nks 1-75% 1-75% 1-75% 1-75% 1-75% 1-75%		76-100 76-100 76-100 76-100 76-100 76-100 76-100	00% 00% 00% 00% 00% 00% 00% 00%	dentification of the control of the		Describe Describe Describe Describe Describe Describe Describe	
Gr	Algae Anemone Barnacles Bivalves Coral-Colorful-Sea-Whip Coral-Hard-Unkown Coral-Gorgonian Coral-Occulina		1-25% 1-25% 1-25% 1-25% 1-25% 1-25% 1-25% 1-25%		26-50° 26-50° 26-50° 26-50° 26-50° 26-50° 26-50°	Der (% () () () () () () () () () () () () ()	r-lii	nks 1-75% 1-75% 1-75% 1-75% 1-75% 1-75% 1-75%		76-100 76-100 76-100 76-100 76-100 76-100 76-100 76-100	00° io%	dentification of the control of the		Describe Describe Describe Describe Describe Describe Describe Describe	
Gr	Algae Anemone Barnacles Bivalves Coral-Colorful-Sea-Whip Coral-Hard-Unkown Coral-Gorgonian Coral-Occulina Coral-White-Telesto		1-25% 1-25% 1-25% 1-25% 1-25% 1-25% 1-25% 1-25%		26-50° 26-50° 26-50° 26-50° 26-50° 26-50° 26-50°	Der () () () () () () () () () (r-lii	nks 1-75% 1-75% 1-75% 1-75% 1-75% 1-75% 1-75% 1-75%		76-100 76-100 76-100 76-100 76-100 76-100 76-100 76-100 76-100	00% 00% 00% 00% 00% 00% 00% 00% 00% 00%	dentification de		Describe Describe Describe Describe Describe Describe Describe Describe Describe	

	Unlisted-See-Comments	\bigcirc	1-25%	\bigcirc	26-50	% (51-75	% (76-100	% Size (inch	es)	Describe	
	Unlisted-See-Comments	\circ	1-25%	\circ	26-50	% (51-75	% C	76-100	% Size (inch	es)	Describe	
	Unlisted-See-Comments	\circ	1-25%	\circ	26-50	% (51-75	% (76-100	% Size (inch	es)	Describe	
Inv	vertebrates at Re	ef	(Clic	k c	n th	e l	nyper	-linl	ks bel	ow for id	lentificat	tion)	
	Cowry-?	0	1	\bigcirc	2-10	0	11-100	\bigcirc 1	01+	Size (inches)		Comments	
	Cowry-?	\bigcirc	1	\bigcirc	2-10	\bigcirc	11-100	0 1	01+	Size (inches)		Comments	
	Cowry-?	\circ	1	\circ	2-10	\bigcirc	11-100	\bigcirc 1	01+	Size (inches)		Comments	
	<u>Crab-Hermit</u>	\bigcirc	1	\bigcirc	2-10	\bigcirc	11-100	O 1	01+	Size (inches)		Comments	
	<u>Crab-Yellowline-Arrow</u>	\bigcirc	1	\bigcirc	2-10	\bigcirc	11-100	\bigcirc 1	01+	Size (inches)		Comments	
	Crab?	0	1	\bigcirc	2-10	0	11-100	\bigcirc 1	01+	Size (inches)		Comments	
	Crab?	0	1	0	2-10	\bigcirc	11-100	\bigcirc 1	01+	Size (inches)		Comments	
	<u>Lobster-Shovelnose</u>	0	1	\bigcirc	2-10	\bigcirc	11-100	0 1	01+	Size (inches)		Comments	
	<u>Octopus</u>	0	1	\bigcirc	2-10	0	11-100	\bigcirc 1	01+	Size (inches)		Comments	
	<u>Sea-Cucumber</u>	\bigcirc	1	\circ	2-10	\bigcirc	11-100	0 1	01+	Size (inches)		Comments	
	<u>Sea-Slug</u>	\bigcirc	1	\circ	2-10	\bigcirc	11-100	0 1	01+	Size (inches)		Comments	
	<u>Sea-Star</u>	\bigcirc	1	\bigcirc	2-10	\bigcirc	11-100	\bigcirc 1	01+	Size (inches)		Comments	
	<u>Sea-Urchin</u>	\circ	1	\bigcirc	2-10	\bigcirc	11-100	\bigcirc 1	01+	Size (inches)		Comments	
	Shrimp-?	\circ	1	0	2-10	\bigcirc	11-100	\bigcirc 1	01+	Size (inches)		Comments	
	Shrimp-?	\circ	1	\bigcirc	2-10	\bigcirc	11-100	\bigcirc 1	01+	Size (inches)		Comments	
	Snail-Florida-Horse- Conch	0	1	0	2-10	0	11-100	O 1	01+ 9	Size (inches)		Comments	
	Snail-?	0	1	0	2-10	0	11-100	0 1	01+	Size (inches)		Comments	
	Snail-?	0	1	0	2-10	0	11-100	0 1	01+	Size (inches)		Comments	
	Unlisted-See-Comments	0	1	\bigcirc	2-10	0	11-100	\bigcirc 1	01+	Size (inches)		Comments	
	Unlisted-See-Comments	\bigcirc	1	\bigcirc	2-10	\bigcirc	11-100	\bigcirc 1	01+	Size (inches)		Comments	
	Unlisted-See-Comments	0	1	\bigcirc	2-10	0	11-100	\bigcirc 1	01+	Size (inches)		Comments	
	Unlisted-See-Comments	\circ	1	\bigcirc	2-10	0	11-100	\bigcirc 1	01+	Size (inches)		Comments	
	Unlisted-See-Comments	\bigcirc	1	\bigcirc	2-10	0	11-100	\bigcirc 1	01+	Size (inches)		Comments	

Turtles and Air B	reathers,	/Mammals (Clic	k on the	hyper-links below	w for identification)
Dolphin?	O 1	O 2-10 O 11-100	O 101+	Length (inches)	Comments
Turtle-Loggerhead	<u> </u>	<u> </u>	<u> </u>	Size (inches)	Comments
Turtle?	<u> </u>	O 2-10 O 11-100	<u> </u>	Size (inches)	Comments
Whale?	<u> </u>	O 2-10 O 11-100	<u> </u>	Size (inches)	Comments
Unlisted-See-Comme	nts (1	O 2-10 O 11-100	O 101+	Size (inches)	Comments
☐ Other Observa	ations/Ph	notos:			
Photos? Yes Attach Video? Yes	ed? Yes				Print Form



lmage Field



Image Field



Image Field

Image Field



Image Field

Image Field Image Field