MBARA Diver's Reef Survey Form Rev 30 May 2018 Clear Form
Reef Number and Name 187 MB-187 Unnamed
Latitude (00 00.000) 29 44.937 Longitude (00 00.000) 85 42.413 Was published lat/lon correct? Yes Sonar Depth (ft) 100
GPS Manufacturer & Model: SIMRAD NSS9 EVO3
Survey Date Jun 9, 2018 Dive # 2 Time 1130
Cloud Cover % 10 Wind Spd & Dir Calm Wave Height (ft) 1-2
Boat Name Bobcat Boat Captain Bob Cox Crew Brian Higdon
Divers Bob Cox and Brian Higdon
Survey Type Roving Diver Depth Gauge Depth (ft) 101 Diver Bottom Time (minutes) 30
Water Temp Surface (Fahrenheit) 81 Water Temp Bottom (Fahrenheit) 73
Water Visibility Surface (feet) 50 Water Visibility Bottom (feet) 35
Thermocline Depth (feet) 50 Current Direction NW Current Speed (knots) .25
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 4 FLAR and 1 GR
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	0	2-10	<u> </u>	O 101+	Length (inches)	Comments						
Barracuda-Great	O 1	0	2-10	<u> </u>	O 101+	Length (inches)	Comments						
Batfish-Polka-Dot	O 1	0	2-10	<u> </u>	O 101+	Length (inches)	Comments						
Blenny-Seaweed	O 1	0	2-10	<u> </u>	O 101+	Length (inches)	Comments						
✓ <u>Blenny-</u> ?	O 1	•	2-10	<u> </u>	O 101+	Length (inches)	Comments Barred						
Blenny-?	O 1	0	2-10	<u> </u>	O 101+	Length (inches)	Comments						
Butterflyfish-Spotfin	O 1	0	2-10	<u> </u>	O 101+	Length (inches)	Comments						
Butterflyfish?	O 1	0	2-10	<u> </u>	O 101+	Length (inches)	Comments						
✓ Cardinalfish-Two-Spot	<u> </u>	0	2-10	11-100	O 101+	Length (inches)	Comments						
Chromis-Purple-Reeffish	<u> </u>	\circ	2-10	<u> </u>	O 101+	Length (inches)	Comments						
Chromis-Yellowtail- Reeffish	O 1	0	2-10	<u> </u>	O 101+	Length (inches)	Comments						
Damselfish-Cocoa	<u> </u>	0	2-10	<u> </u>	O 101+	Length (inches)	Comments						
Damselfish?	<u> </u>	0	2-10	<u> </u>	O 101+	Length (inches)	Comments						
Drum-Cubbyu	O 1	0	2-10	<u> </u>	O 101+	Length (inches)	Comments						
Drum-Jackknifefish	O 1	0	2-10	<u> </u>	O 101+	Length (inches)	Comments						
Eel?	O 1	0	2-10	<u> </u>	O 101+	Length (inches)	Comments						
Flounder-Gulf	O 1	0	2-10	<u> </u>	O 101+	Length (inches)	Comments						
Filefish?	O 1	0	2-10	<u> </u>	O 101+	Length (inches)	Comments						
Frogfish-Ocellated	O 1	0	2-10	<u> </u>	O 101+	Length (inches)	Comments						
Goby-Spotted	O 1	0	2-10	<u> </u>	O 101+	Length (inches)	Comments						
Goby?	O 1	\circ	2-10	<u> </u>	<u> </u>	Length (inches)	Comments						

✓ Grouper-Ga	g C	1	2-10	O 1	1-100	<u> </u>	Length (in	nches)	Comments	
Grouper-Go	oliath C	1	Length:	<3ft	<u> </u>	5ft ○ >5ft	\circ	Comments		
Grouper-Go	oliath C	1	Length:	<3ft	O 3-5	5ft ○ >5ft	\circ	Comments		
Grouper-Go	oliath C	1	Length:	<3ft	O 3-5	5ft ○ >5ft	\circ	Comments		
Grouper-Go	oliath C	1	Length:	<3ft	O 3-5	5ft ○ >5ft	\circ	Comments		
Grouper-Go	oliath C	1	Length:	<3ft	O 3-5	5ft ○ >5ft	\circ	Comments		
Grouper-Go	oliath C	1	Length:	<3ft	O 3-5	5ft ○ >5ft	\circ	Comments		
Grouper-Go	oliath C	1	Length:	<3ft	O 3-5	5ft ○ >5ft	\circ	Comments		
Grouper-Go	oliath C	1	Length:	<3ft	<u> </u>	5ft ○ >5ft	\circ	Comments		
Grouper-Go	oliath C	1	Length:	<3ft	<u> </u>	5ft ○ >5ft	\circ	Comments		
Grouper-Go	oliath C	1	Length:	<3ft	<u> </u>	5ft ○ >5ft	\circ	Comments		
Grouper-Gr	aysb y	1	<u> </u>	<u> </u>	1-100	○ 101+	Length (in	nches)	Comments	
Grouper-Re	<u>d</u>	1	<u> </u>	<u> </u>	1-100	O 101+	Length (in	nches)	Comments	
Grouper-Ro	ck-Hind C	1	<u> </u>	<u> </u>	1-100	O 101+	Length (in	nches)	Comments	
✓ Grouper-Sc	amp C	1	2-10	<u> </u>	1-100	O 101+	Length (in	nches)	Comments	
Grunt-Juver	nile C	1	<u> </u>	<u> </u>	1-100	O 101+	Length (in	nches)	Comments	
✓ Grunt-Tom	rate C	1	<u> </u>	<u> </u>	1-100	101+	Length (in	nches)	Comments	
Grunt-Whit	<u>e</u> C	1	<u> </u>	<u> </u>	1-100	O 101+	Length (in	nches)	Comments	
Grunt?		1	<u> </u>	O 1	1-100	O 101+	Length (in	nches)	Comments	
<u>Hogfish</u>		1	<u> </u>	O 1	1-100	O 101+	Length (in	nches)	Comments	
Hogfish-Spa	anish C	1	<u> </u>	O 1	1-100	O 101+	Length (in	nches)	Comments	
✓ <u>Jack-Almac</u>	<u> </u>	1	<u> </u>	O 1	1-100	O 101+	Length (in	nches)	Comments	
Jack-Blue-R	<u>unner</u>	1	<u> </u>	O 1	1-100	O 101+	Length (in	nches)	Comments	
✓ <u>Jack-Greate</u>	r-Amberjack	1	2-10	O 1	1-100	O 101+	Length (in	nches)	Comments	
	ow-Runner C	1	<u> </u>	O 1	1-100	O 101+	Length (in	nches)	Comments	
Jack-Round Minnow	-Scad-Cigar-	1	<u> </u>	O 1	1-100	O 101+	Length (in	nches)	Comments	
		1	<u> </u>	O 1	1-100	O 101+	Length (in	nches)	Comments	
		1	<u> </u>	O 1	1-100	O 101+	Length (in	nches)	Comments	

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

	Spadefish-Atlantic	\bigcirc	1	\bigcirc	2-10	0	11-	-100	\circ	101+	Len	gth (inches)		Comments	
	Toadfish-Leopard	\bigcirc	1	\circ	2-10	\bigcirc	11-	-100	\circ	101+	Len	gth (inches)		Comments	
✓	Triggerfish-Gray	\bigcirc	1	\circ	2-10	•	11-	-100	\circ	101+	Len	gth (inches)		Comments	
	Wrasse-Painted-Wrasse	\bigcirc	1	\circ	2-10	\bigcirc	11-	-100	\circ	101+	Len	gth (inches)		Comments	
	Wrasse-Slippery-Dick	\bigcirc	1	\circ	2-10	\bigcirc	11-	-100	\circ	101+	Len	gth (inches)		Comments	
✓	Unlisted-See-Comments	\bigcirc	1	\circ	2-10	•	11-	-100	\circ	101+	Len	gth (inches)		Comments	Yellow Garden Eel
	Unlisted-See-Comments	\bigcirc	1	\circ	2-10	\bigcirc	11-	-100	\circ	101+	Len	gth (inches)		Comments	
	Unlisted-See-Comments	\bigcirc	1	\circ	2-10	\bigcirc	11-	-100	\circ	101+	Len	gth (inches)		Comments	
	Unlisted-See-Comments	\bigcirc	1	\circ	2-10	\bigcirc	11-	-100	\circ	101+	Len	gth (inches)		Comments	
	Unlisted-See-Comments	\circ	1	\circ	2-10	\circ	11-	-100	\circ	101+	Len	gth (inches)		Comments	
	Unlisted-See-Comments	\circ	1	\circ	2-10	\circ	11-	-100	0	101+	Len	gth (inches)		Comments	
	Unlisted-See-Comments	\circ	1	\circ	2-10	\circ	11-	-100	0	101+	Len	gth (inches)		Comments	
	Unlisted-See-Comments	\circ	1	\circ	2-10	\circ	11-	-100	0	101+	Len	gth (inches)		Comments	
	Unlisted-See-Comments	\bigcirc	1	\circ	2-10	\bigcirc	11-	-100	\circ	101+	Len	gth (inches)		Comments	
	Unlisted-See-Comments	\circ	1	\bigcirc	2-10	\circ	11-	-100	\bigcirc	101+	Len	gth (inches)		Comments	
□ Gr	Unlisted-See-Comments owth on Reef (C			_							_		ation)	Comments	
□ Gr		icł	c on 1	the	e hyp	oei	r-li	inks	be	low f	or i			Comments	
Gr	owth on Reef (C	ick	(on 1	the	e hyp	oei % (r-li	i nks 51-75%	be	2 low f	or i	dentifica			
Gr	owth on Reef (Cl	ick	on 1 1-25% 1-25%	the	26-50°	oei % (r-li	inks 51-75% 51-75%	be	10w f	or i	dentifica		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	% (% (%	r-li	inks 51-75% 51-75% 51-75%	be	76-10 76-10	or i	Size (inches)		Describe Describe	
Gr	Algae Anemone Barnacles	ichooo	1-25% 1-25% 1-25% 1-25%	0 0 0	26-50° 26-50° 26-50° 26-50°	% (% (% (r-li	inks 51-75% 51-75% 51-75%	be	76-10 76-10 76-10 76-10	oo% 00% 00%	Size (inches) Size (inches)		Describe Describe Describe	
Gr	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°) (% () () () () () () () () () () () () ()	r-li	inks 51-75% 51-75% 51-75% 51-75%		76-10 76-10 76-10 76-10	oo% 00% 00% 00%	Size (inches) Size (inches) Size (inches) Size (inches)		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°) () () () () () () () () () (inks 51-75% 51-75% 51-75% 51-75% 51-75%		76-10 76-10 76-10 76-10 76-10	oo% 00% 00% 00% 00%	Size (inches) Size (inches) Size (inches) Size (inches) Size (inches)		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°) (% () () () () () () () () () () () () ()		inks 51-75% 51-75% 51-75% 51-75% 51-75% 51-75%		76-10 76-10 76-10 76-10 76-10 76-10	oo% 00% 00% 00% 00% 00%	Size (inches) Size (inches) Size (inches) Size (inches) Size (inches) Size (inches)		Describe 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°) (% (% (% (% (% (% (% (% (% (% (% (% (%		inks 51-75% 51-75% 51-75% 51-75% 51-75% 51-75%		76-10 76-10 76-10 76-10 76-10 76-10	oo% 00% 00% 00% 00% 00%	Size (inches)		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°) (% () () () () () () () () () () () () ()		inks 51-75% 51-75% 51-75% 51-75% 51-75% 51-75% 51-75%		76-10 76-10 76-10 76-10 76-10 76-10 76-10	For i	Size (inches)		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°	Dei (% () () () () () () () () () () () () ()		inks 51-75% 51-75% 51-75% 51-75% 51-75% 51-75% 51-75% 51-75%		76-10 76-10 76-10 76-10 76-10 76-10 76-10 76-10	For i 00% 00% 00% 00% 00% 00% 00%	Size (inches)		Describe Describe Describe Describe Describe Describe Describe Describe Describe	

/	Unlisted-See-Comments	\bigcirc	1-25%	\circ	26-50 ⁶	% (51-75	% @	76-10	0%	Size (inche	s)	Describe	Hydroids	
	Unlisted-See-Comments	0	1-25%	0	26-50 ⁰	% (51-75	% (76-10	0%	Size (inche	s)	Describe		
	Unlisted-See-Comments	\circ	1-25%	0	26-50	% (51-75	% (76-10	0%	Size (inche	s)	Describe		
Inv	Invertebrates at Reef (Click on the hyper-links below for identification)														
	Cowry-?	\bigcirc	1	0	2-10	\bigcirc	11-100	\circ	101+	Size	e (inches)		Comments		
	Cowry-?	0	1	\circ	2-10	0	11-100	\circ	101+	Size	e (inches)		Comments		
	Cowry-?	\circ	1	0	2-10	\bigcirc	11-100	\circ	101+	Size	e (inches)		Comments		
	<u>Crab-Hermit</u>	\circ	1	\circ	2-10	0	11-100		101+	Size	e (inches)		Comments		
	<u>Crab-Yellowline-Arrow</u>	\circ	1	\circ	2-10	0	11-100	\bigcirc	101+	Size	e (inches)		Comments		
	Crab?	\circ	1	0	2-10	\bigcirc	11-100	\circ	101+	Size	e (inches)		Comments		
	Crab?	\bigcirc	1	0	2-10	0	11-100	\circ	101+	Size	e (inches)		Comments		
	<u>Lobster-Shovelnose</u>	\circ	1	\circ	2-10	\bigcirc	11-100	\circ	101+	Size	e (inches)		Comments		
	<u>Octopus</u>	0	1	\circ	2-10	0	11-100	\circ	101+	Size	(inches)		Comments		
	<u>Sea-Cucumber</u>	\bigcirc	1	0	2-10	\bigcirc	11-100	\circ	101+	Size	e (inches)		Comments		
	<u>Sea-Slug</u>	0	1	0	2-10	\bigcirc	11-100	\circ	101+	Size	e (inches)		Comments		
	<u>Sea-Star</u>	\bigcirc	1	\bigcirc	2-10	\bigcirc	11-100	\circ	101+	Size	e (inches)		Comments		
	<u>Sea-Urchin</u>	\bigcirc	1	0	2-10	\bigcirc	11-100	\circ	101+	Size	e (inches)		Comments		
	Shrimp-?	\circ	1	\circ	2-10	0	11-100	\circ	101+	Size	e (inches)		Comments		
	Shrimp-?	0	1	0	2-10	0	11-100	\circ	101+	Size	(inches)		Comments		
	Snail-Florida-Horse- Conch	0	1	0	2-10	0	11-100	\circ	101+	Size	e (inches)		Comments		
	Snail-?	0	1	0	2-10	0	11-100	0	101+	Size	e (inches)		Comments		
	Snail-?	0	1	0	2-10	0	11-100	0	101+	Size	e (inches)		Comments		
	Unlisted-See-Comments	\bigcirc	1	\circ	2-10	0	11-100	\circ	101+	Size	e (inches)		Comments		
	Unlisted-See-Comments	\bigcirc	1	0	2-10	\bigcirc	11-100	\circ	101+	Size	e (inches)		Comments		
	Unlisted-See-Comments	0	1	0	2-10	0	11-100	\circ	101+	Size	e (inches)		Comments		
	Unlisted-See-Comments	\circ	1	0	2-10	0	11-100	\circ	101+	Size	e (inches)		Comments		
	Unlisted-See-Comments	\bigcirc	1	0	2-10	0	11-100	\circ	101+	Size	e (inches)		Comments		

Turtles and	Air Bre	athers/	'Mamn	nals (Clic	k on the	hyper-link	s below fo	or identificat	ion)					
Dolphin?		O 1	<u> </u>	<u> </u>	O 101+	Length (inches)	Cor	mments						
Turtle-Logge	rhead	O 1	<u> </u>	<u> </u>	O 101+	Size (inches)	Cor	mments						
Turtle?		<u> </u>	<u> </u>	<u> </u>	O 101+	Size (inches)	Cor	mments						
Whale?		<u> </u>	<u> </u>	<u> </u>	O 101+	Size (inches)	Cor	mments						
Unlisted-See-	Comments	<u> </u>	<u> </u>	<u> </u>	O 101+	Size (inches)	Cor	mments						
Other Observations/Photos:														
Observations Primary objective was Lionfish removal.														
l			_											
Photos? No	Attached?	No												
Video? No]							Print Form	1					

Image Field Image Field

Image Field Image Field

Image Field Image Field

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