MBARA Diver's Reef Survey Form Rev 30 May 2018

Reef Number and Name 163 St Joe Community Foundation Reef
Latitude (00 00.000) 29 44.731 Longitude (00 00.000) 85 42.690 Was published lat/lon correct? Yes Sonar Depth (ft) 102
GPS Manufacturer & Model: SIMRAD NSS9 EVO3
Survey Date Jun 10, 2018 Dive # 2 Time 1200
Cloud Cover % 90 Wind Spd & Dir NW 10-15 kts Wave Height (ft) 1-3
Boat Name Bobcat Boat Captain Bob Cox Crew Brian Higdon
Divers Bob Cox and Brian Higdon
Survey Type Roving Diver Depth Gauge Depth (ft) 105 Diver Bottom Time (minutes) 25
Water Temp Surface (Fahrenheit) 82 Water Temp Bottom (Fahrenheit) 73
Water Visibility Surface (feet) 50 Water Visibility Bottom (feet) 20
Thermocline Depth (feet) 50 Current Direction NW Current Speed (knots) .25
Other Water Column Characteristics (check all that apply)
\Box Plankton \Box Algae \Box Jellyfish \boxtimes Turbid \Box Other
Bottom Composition (check all that apply)
\boxtimes Sand \square Silt \square Mud \square Gravel \boxtimes Shell \square Other
Reef Materials & Quantity 2 SR
Reef Height at Highest Point (measured from base to top of the reef)(feet) 18
Physical Condition (Durability, stability, storm damage, other damage or movement):
 ● No damage ○ Damage ● No movement ○ Movement
Explain damage/movement and suspected cause

Clear Form

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

Angelfish-Blue	O 1	● 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Angelfish-Queen	O 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Barracuda-Great	O 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Batfish-Polka-Dot	01	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Blenny-Seaweed	O 1		Length (inches)	Comments
Blenny-?	O 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Blenny-?	01	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Butterflyfish-Spotfin	O 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Butterflyfish?	O 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Cardinalfish-Two-Spot	O 1	● 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Chromis-Purple-Reeffish	O 1	○ 2-10 ④ 11-100 ○ 101+	Length (inches)	Comments
□ Chromis-Yellowtail- <u>Reeffish</u>	O 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Damselfish-Cocoa	O 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Damselfish?	O 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Drum-Cubbyu	O 1	○ 2-10 ④ 11-100 ○ 101+	Length (inches)	Comments
Drum-Jackknifefish	O 1	○ 2-10 ④ 11-100 ○ 101+	Length (inches)	Comments
✓ Eel?	O 1	○ 2-10 ④ 11-100 ○ 101+	Length (inches)	Comments Yellow Garden
Elounder-Gulf	O 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Eilefish?	O 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Frogfish-Ocellated	O 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Goby-Spotted	O 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Goby?	○ 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments

Grouper-Gag	• 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Grouper-Goliath	O 1	Length: <3ft 🔿 3-5ft 🔿 >5ft	C Comments	
Grouper-Goliath	O 1	Length: <3ft 🔿 3-5ft 🔿 >5ft	C Comments	
Grouper-Goliath	O 1	Length: <3ft 🔿 3-5ft 🔿 >5ft	C Comments	
Grouper-Goliath	O 1	Length: <3ft 🔿 3-5ft 🔿 >5ft	C Comments	
Grouper-Goliath	O 1	Length: <3ft 🔿 3-5ft 🔿 >5ft	C Comments	
Grouper-Goliath	O 1	Length: <3ft 🔿 3-5ft 🔿 >5ft	C Comments	
Grouper-Goliath	O 1	Length: <3ft 🔿 3-5ft 🔿 >5ft	C Comments	
Grouper-Goliath	O 1	Length: <3ft 🔿 3-5ft 🔿 >5ft	C Comments	
Grouper-Goliath	O 1	Length: <3ft 🔿 3-5ft 🔿 >5ft	C Comments	
Grouper-Goliath	O 1	Length: <3ft 🔿 3-5ft 🔿 >5ft	C Comments	
Grouper-Graysby	○ 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Grouper-Red	O 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Grouper-Rock-Hind	O 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Grouper-Scamp	O 1	● 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Grunt-Juvenile	O 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Grunt-Tomtate	O 1	○ 2-10 ○ 11-100 ④ 101+	Length (inches)	Comments
Grunt-White	O 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Grunt?	O 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
<u>Hogfish</u>	○ 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Hogfish-Spanish	O 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Jack-Almaco	O 1	● 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Jack-Blue-Runner	O 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Jack-Greater-Amberjack	O 1	○ 2-10 ④ 11-100 ○ 101+	Length (inches)	Comments
Jack-Rainbow-Runner	O 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
☐ <u>Jack-Round-Scad-Cigar-</u> <u>Minnow</u>	O 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Jack?	O 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Jack?	○ 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments

✓ Lionfish	01	1 (2-10	۲	11-100	\bigcirc 1	101+	Length (inches)	Comments	
Mackeral-King	01	1 C	2-10	0	11-100	\bigcirc 1	101+	Length (inches)	Comments	
Mackeral-Spanish	01	1 C	2-10	0	11-100	\bigcirc 1	101+	Length (inches)	Comments	
Minnows-Glass-Small-Fry	<u>1</u> (C) 1	1 C	2-10	0	11-100	\bigcirc 1	101+	Length (inches)	Comments	
Pinfish?	01	1 C	2-10	0	11-100	\bigcirc 1	101+	Length (inches)	Comments	
Porgy-Sheepshead- Porgy	01	1 (2-10	0	11-100	$\bigcirc 1$	101+	Length (inches)	Comments	
Porgy-Sheepshead	01	1 C	2-10	0	11-100	$\bigcirc 1$	101+	Length (inches)	Comments	
Porgy?	01	1 C	2-10	0	11-100	$\bigcirc 1$	101+	Length (inches)	Comments	
Puffer-Bandtail	01	1 C	2-10	0	11-100	$\bigcirc 1$	101+	Length (inches)	Comments	
✓ Puffer-Sharpnose	01	1 C	2-10	۲	11-100	$\bigcirc 1$	101+	Length (inches)	Comments	
<u>Puffer?</u>	01	1 C	2-10	0	11-100	$\bigcirc 1$	101+	Length (inches)	Comments	
<u>Ray?</u>	01	1 C	2-10	0	11-100	$\bigcirc 1$	101+	Length (inches)	Comments	
Shark-Bull	01	1 C	2-10	0	11-100	$\bigcirc 1$	101+	Length (inches)	Comments	
Shark-Sandbar	01	1 C	2-10	0	11-100	$\bigcirc 1$	101+	Length (inches)	Comments	
Shark?	01	1 C	2-10	0	11-100	\bigcirc 1	101+	Length (inches)	Comments	
Sharksucker-Sharksucker	<u>r</u> () 1	1 C	2-10	0	11-100	$\bigcirc 1$	101+	Length (inches)	Comments	
Sand-Perch	01	1 C	2-10	0	11-100	\bigcirc 1	101+	Length (inches)	Comments	
Seabass-Bank	01	1 C	2-10	0	11-100	\bigcirc 1	101+	Length (inches)	Comments	
Seabass-Belted-Sandfish	01	1 C	2-10	0	11-100	$\bigcirc 1$	101+	Length (inches)	Comments	
Seabass-Black	<u> </u>	C	2-10	0	11-100	\bigcirc 1	101+	Length (inches)	Comments	
Seabass-Pygmy	01	1 C	2-10	0	11-100	\bigcirc 1	101+	Length (inches)	Comments	
Seabass?	01	1 C	2-10	0	11-100	$\bigcirc 1$	101+	Length (inches)	Comments	
Snapper-Gray	01	1 C	2-10	۲	11-100	\bigcirc 1	101+	Length (inches)	Comments	
Snapper-Lane	01	1 C	2-10	0	11-100	O_{1}	101+	Length (inches)	Comments	
✓ <u>Snapper-Red</u>	01	1 C	2-10	۲	11-100	\bigcirc 1	101+	Length (inches)	Comments	
Snapper-Vermillion	O_{1}	1 C	2-10	۲	11-100	01	101+	Length (inches)	Comments	
Snapper?	01	1 C	2-10	0	11-100	01	101+	Length (inches)	Comments	
Soapfish-Whitespotted	01	1 (2-10	0	11-100	\bigcirc 1	101+	Length (inches)	Comments	

	Spadefish-Atlantic	0	1	0	2-10	0	11-100	0	10	1+ Len	ngth (inches)		Comments	
\checkmark	Toadfish-Leopard	۲	1	0	2-10	0	11-100	0	10	1+ Len	ngth (inches)		Comments	
\checkmark	Triggerfish-Gray	0	1	0	2-10	۲	11-100	0	10	1+ Ler	ngth (inches)		Comments	
	Wrasse-Painted-Wrasse	0	1	0	2-10	0	11-100	0	10	1+ Len	ngth (inches)		Comments	
	Wrasse-Slippery-Dick	0	1	0	2-10	0	11-100	0	10	1+ Len	ngth (inches)		Comments	
	Unlisted-See-Comments	0	1	0	2-10	0	11-100	0	10	1+ Len	ngth (inches)		Comments	
	Unlisted-See-Comments	0	1	0	2-10	0	11-100	0	10 ⁻	1+ Ler	ngth (inches)		Comments	
	Unlisted-See-Comments	0	1	0	2-10	0	11-100	0	10 ⁻	1+ Ler	ngth (inches)		Comments	
	Unlisted-See-Comments	0	1	0	2-10	0	11-100	0	10 ⁻	1+ Len	ngth (inches)		Comments	
	Unlisted-See-Comments	0	1	0	2-10	0	11-100	0	10	1+ Len	ngth (inches)		Comments	
	Unlisted-See-Comments	0	1	0	2-10	0	11-100	0	10	1+ Len	ngth (inches)		Comments	
	Unlisted-See-Comments	0	1	0	2-10	0	11-100	0	10	1+ Len	ngth (inches)		Comments	
	Unlisted-See-Comments	0	1	0	2-10	0	11-100	0	10	1+ Len	ngth (inches)		Comments	
	Unlisted-See-Comments	\bigcirc	1	\bigcirc	2-10	\bigcirc	11-100	\bigcirc	10	1+ Ion	ngth (inches)		Comments	
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	Unlisted-See-Comments				2-10						ngth (inches)		Comments	
□ Gr		0	1	0	2-10	0	11-100	0	10 ⁻	1+ Ler	ngth (inches)	ation)		
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Gr	Unlisted-See-Comments	0 licł 0	1 K ON 1 1-25%	O the O	2-10 e hyp 26-509	o per	11-100 -link) 51-7	o s be	10 [.] elo	1+ Len ow for 1 76-100%	identifica		Comments	
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Gr	Unlisted-See-Comments Owth on Reef (C Algae Anemone	0 licł 0 0	1 C ON 1 1-25% 1-25% 1-25%	0 the 0 0	2-10 26-509 26-509 26-509	0 0er % () % ()	11-100 -link 51-7: 51-7: 51-7:	5% (5% (10 ⁻	1+ Len 5W for 1 76-100% 76-100% 76-100%	ngth (inches) identifica Size (inches) Size (inches)		Comments Describe Describe	
Gr	Unlisted-See-Comments Owth on Reef (C Algae Anemone Barnacles	0 licł 0 0	1 C ON 1 1-25% 1-25% 1-25% 1-25%	0 the 0 0	2-10 e hyp 26-509 26-509 26-509 26-509)))))))))))))))))))	11-100 -link 51-7! 51-7! 51-7!	S be 55% (10 elc	1+ Len 5W for 1 76-100% 76-100% 76-100%	ngth (inches) identifica Size (inches) Size (inches) Size (inches) Size (inches)		Comments Describe Describe Describe	
	Unlisted-See-Comments Owth on Reef (C Algae Anemone Barnacles Bivalves		1 C ON 1 1-25% 1-25% 1-25% 1-25%	0 the 0 0 0	2-10 26-509 26-509 26-509 26-509 26-509	• • • • • • • • • • • • • •	11-100 -link 51-7: 51-7: 51-7: 51-7: 51-7: 51-7: 51-7:	S bo 55% (10 elc	1+ Len 5W for 1 76-100% 76-100% 76-100% 76-100% 76-100%	ngth (inches) identifica Size (inches) Size (inches) Size (inches) Size (inches)		Comments Describe Describe Describe	
	Unlisted-See-Comments Owth on Reef (Cl Algae Anemone Barnacles Bivalves Coral-Colorful-Sea-Whip		1 C ON 1 1-25% 1-25% 1-25% 1-25% 1-25%	0 the 0 0 0	2-10 26-509 26-509 26-509 26-509 26-509 26-509 26-509		11-100 -link 51-7: 51-7: 51-7: 51-7: 51-7: 51-7: 51-7: 51-7: 51-7:	S be 55% (55% (55% (10 elo	1+ Len 5W for 1 76-100% 76-100% 76-100% 76-100% 76-100% 76-100%	ngth (inches) identifica Size (inches) Size (inches) Size (inches) Size (inches) Size (inches)		Comments Describe Describe Describe Describe	
	Unlisted-See-Comments Owth on Reef (Cl Algae Anemone Barnacles Bivalves Coral-Colorful-Sea-Whip Coral-Hard-Unkown		1 CON 1 1-25% 1-25% 1-25% 1-25% 1-25% 1-25%		2-10 2-10 2-10 2-10 2-10 2-50		11-100 -link 51-7: 5	S b 55% 55% 55% 55% 55% 55% 55% 55% 55% 55% 55% 55%		1+ Len DW fOr 1 76-100% 76-100% 76-100% 76-100% 76-100% 76-100% 76-100%	ngth (inches) identifica Size (inches) Size (inches) Size (inches) Size (inches) Size (inches) Size (inches)		Comments Describe Describe Describe Describe Describe	
	Unlisted-See-Comments Owth on Reef (Cl Algae Anemone Barnacles Bivalves Coral-Colorful-Sea-Whip Coral-Hard-Unkown Coral-Gorgonian		1 CON 1 1-25% 1-25% 1-25% 1-25% 1-25% 1-25% 1-25%		2-10 26-509 26-509 26-509 26-509 26-509 26-509 26-509 26-509 26-509		11-100 -link 51-7: 5	S be 55% (55% (55% (55% (55% (55% (1+ Len DW fOr 1 76-100% 76-100% 76-100% 76-100% 76-100% 76-100% 76-100% 76-100%	ngth (inches) identifica Size (inches) Size (inches) Size (inches) Size (inches) Size (inches) Size (inches) Size (inches)		Comments Describe Describe Describe Describe Describe	
	Unlisted-See-Comments Owth on Reef (Cl Algae Anemone Barnacles Bivalves Coral-Colorful-Sea-Whip Coral-Hard-Unkown Coral-Gorgonian Coral-Occulina		1 CON 1 1-25% 1-25% 1-25% 1-25% 1-25% 1-25% 1-25% 1-25%		2-10 2-10 2-10 2-10 2-10 2-10 2-10 2-10 2-10 2-10 2-10 2-10 2-10 2-10 2-10 2-50		11-100 -link 51-7: 5	S b S b		1+ Len 5W for 1 76-100% 76-100% 76-100% 76-100% 76-100% 76-100% 76-100% 76-100% 76-100%	ngth (inches) identifica Size (inches) Size (inches) Size (inches) Size (inches) Size (inches) Size (inches) Size (inches) Size (inches)		Comments Describe Describe Describe Describe Describe Describe	
	Unlisted-See-Comments Owth On Reef (Cl Algae Anemone Barnacles Bivalves Coral-Colorful-Sea-Whip Coral-Hard-Unkown Coral-Gorgonian Coral-Occulina Coral-Occulina		1 CON 1 1-25% 1-25% 1-25% 1-25% 1-25% 1-25% 1-25% 1-25% 1-25%		2-10 2-10 2-10 2-10 2-10 2-10 2-10 2-10 2-10 2-10 2-10 2-10 2-10 2-10 2-50		11-100 -link 51-7: 5	S bo S bo S 5% (1+ Len DW fOr 1 76-100% 76-100% 76-100% 76-100% 76-100% 76-100% 76-100% 76-100% 76-100% 76-100%	ngth (inches) identification Size (inches) Size (inches) Size (inches) Size (inches) Size (inches) Size (inches) Size (inches) Size (inches) Size (inches)		Comments Describe Describe Describe Describe Describe Describe Describe	

Unlisted-See-Comments	0 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
Unlisted-See-Comments	O 1-25	% 🔿 26-50% 🔿 51-75% 🔿 76-100% Size (inches)	Describe
Invertebrates at Re	eef (Cli	ick on the hyper-links below for identi	fication)
Cowry-?	○ 1	○ 2-10 ○ 11-100 ○ 101+ Size (inches)	Comments
<u>Cowry-</u> ?	○ 1	○ 2-10 ○ 11-100 ○ 101+ Size (inches)	Comments
Cowry-?	○ 1	○ 2-10 ○ 11-100 ○ 101+ Size (inches)	Comments
Crab-Hermit	O 1	○ 2-10 ○ 11-100 ○ 101+ Size (inches)	Comments
Crab-Yellowline-Arrow	○ 1	○ 2-10 ○ 11-100 ○ 101+ Size (inches)	Comments
Crab?	○ 1	○ 2-10 ○ 11-100 ○ 101+ Size (inches)	Comments
Crab?	○ 1	○ 2-10 ○ 11-100 ○ 101+ Size (inches)	Comments
Lobster-Shovelnose	O 1	○ 2-10 ○ 11-100 ○ 101+ Size (inches)	Comments
Octopus	<u> </u>	○ 2-10 ○ 11-100 ○ 101+ Size (inches)	Comments
Sea-Cucumber	O 1	○ 2-10 ○ 11-100 ○ 101+ Size (inches)	Comments
Sea-Slug	○ 1	○ 2-10 ○ 11-100 ○ 101+ Size (inches)	Comments
Sea-Star	○ 1	○ 2-10 ○ 11-100 ○ 101+ Size (inches)	Comments
Sea-Urchin	○ 1	○ 2-10 ○ 11-100 ○ 101+ Size (inches)	Comments
Shrimp-?	O 1	○ 2-10 ○ 11-100 ○ 101+ Size (inches)	Comments
Shrimp-?	○ 1	○ 2-10 ○ 11-100 ○ 101+ Size (inches)	Comments
□ <u>Snail-Florida-Horse-</u> <u>Conch</u>	○ 1	○ 2-10 ○ 11-100 ○ 101+ Size (inches)	Comments
Snail-?	<u> </u>	○ 2-10 ○ 11-100 ○ 101+ Size (inches)	Comments
Snail-?	<u> </u>	○ 2-10 ○ 11-100 ○ 101+ Size (inches)	Comments
Unlisted-See-Comments	O 1	○ 2-10 ○ 11-100 ○ 101+ Size (inches)	Comments
Unlisted-See-Comments	<u> </u>	○ 2-10 ○ 11-100 ○ 101+ Size (inches)	Comments
Unlisted-See-Comments	○ 1	○ 2-10 ○ 11-100 ○ 101+ Size (inches)	Comments
Unlisted-See-Comments	O 1	○ 2-10 ○ 11-100 ○ 101+ Size (inches)	Comments
Unlisted-See-Comments	○ 1	○ 2-10 ○ 11-100 ○ 101+ Size (inches)	Comments

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Turtles and Air Breathers/Mammals (Click on the hyper-links below for identification)

Dolphin?	<u> </u>	○ 2-10	○ 11-100	○ 101+	Length (inches)	Comments	
Turtle-Loggerhead	01	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments	
Turtle?	<u> </u>	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments	
Whale?	O 1	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments	
Unlisted-See-Comments	01	O 2-10	○ 11-100	○ 101+	Size (inches)	Comments	

☑ Other Observations/Photos:

Observations Main objective was Lionfish removal.

Photos?No Attached?No Video?No

Print Form

Image Field

Image Field