MBARA Diver's Reef Survey Form Rev 30 May 2018

Reef Number and Name 95 BWO 5
Latitude (00 00.000) 29 43.739 Longitude (00 00.000) 85 41.265 Was published lat/lon correct? Yes Sonar Depth (ft) 95
GPS Manufacturer & Model: SIMRAD NSS9 EVO3
Survey Date Jun 10, 2018 Dive # 3 Time 1300
Cloud Cover % 95 Wind Spd & Dir 10-15kts Wave Height (ft) 2-3
Boat Name Bobcat Boat Captain Bob Cox Crew Brian Higdon
Divers Carol Cox and Kimberly Higdon
Survey Type Roving Diver Depth Gauge Depth (ft) 98 Diver Bottom Time (minutes) 30
Water Temp Surface (Fahrenheit) 82 Water Temp Bottom (Fahrenheit) 75
Water Visibility Surface (feet) 50 Water Visibility Bottom (feet) 30
Thermocline Depth (feet) Current Direction Current Speed (knots)
Other Water Column Characteristics (check all that apply)
\Box Plankton \Box Algae \Box Jellyfish \Box Turbid \Box Other
Bottom Composition (check all that apply)
\boxtimes Sand \square Silt \square Mud \square Gravel \boxtimes Shell \square Other
Reef Materials & Quantity 1 FS
Reef Height at Highest Point (measured from base to top of the reef)(feet) 10
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	• 1	O 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Angelfish-Queen	O 1	O 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Barracuda-Great	O 1	O 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Batfish-Polka-Dot	O 1	O 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Blenny-Seaweed	○ 1	O 2-10	11-100 () 101+	Length (inches)	Comments
Blenny-?	○ 1	2-10	○ 11-100 ○ 101+	Length (inches)	Comments Barred
Blenny-?	O 1	O 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Butterflyfish-Spotfin	○ 1	O 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Butterflyfish?	O 1	O 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	O 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Chromis-Yellowtail- <u>Reeffish</u>	○ 1	O 2-10	11-100 () 101+	Length (inches)	Comments
Damselfish-Cocoa	O 1	O 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Damselfish?	O 1	O 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Drum-Cubbyu	O 1	2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Drum-Jackknifefish	○ 1	O 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
✓ Eel?	O 1	O 2-10	○ 11-100 ④ 101+	Length (inches)	Comments Yellow Garden
Flounder-Gulf	○ 1	O 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Eilefish?	○ 1	O 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Frogfish-Ocellated	O 1	○ 2-10	○ 11-100 ○ 101+	Length (inches)	Comments
Goby-Spotted	O 1	O 2-10	11-100 \(C) 101+	Length (inches)	Comments
Goby?	<u> </u>	O 2-10	○ 11-100 ○ 101+	Length (inches)	Comments

Grouper-Gag	○ 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Grouper-Goliath	○ 1	Length: <3ft 🔿 3-5ft 🔿 >5ft	C Comments	
Grouper-Goliath	○ 1	Length: <3ft 🔿 3-5ft 🔿 >5ft	C Comments	
Grouper-Goliath	○ 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	○ 1	Length: <3ft 🔿 3-5ft 🔿 >5ft	C Comments	
Grouper-Graysby	○ 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Grouper-Red	○ 1	○ 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	○ 1	○ 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?	○ 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
<u>Hogfish</u>	O 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Hogfish-Spanish	○ 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Jack-Almaco	○ 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Jack-Blue-Runner	○ 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Jack-Greater-Amberjack	○ 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	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Jack?	○ 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments
Jack?	○ 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)	Comments

<u>Lionfish</u>	○ 1	○ 2-10 ○ 11-7	100 🔿 101+	Length (inches)	Comments
Mackeral-King	O 1	○ 2-10 ○ 11-7	100 () 101+	Length (inches)	Comments
Mackeral-Spanish	O 1	○ 2-10 ○ 11-7	100 () 101+	Length (inches)	Comments
Minnows-Glass-Small-Fr	<u>у</u> (С 1	○ 2-10 ○ 11-7	100 () 101+	Length (inches)	Comments
Pinfish?	<u> </u>	○ 2-10 ○ 11-7	100 () 101+	Length (inches)	Comments
Porgy-Sheepshead- Porgy	O 1	○ 2-10 ○ 11-7	100 () 101+	Length (inches)	Comments
Porgy-Sheepshead	○ 1	○ 2-10 ○ 11-7	100 () 101+	Length (inches)	Comments
Porgy?	○ 1	○ 2-10 ○ 11-7	100 () 101+	Length (inches)	Comments
Puffer-Bandtail	○ 1	○ 2-10 ○ 11-7	100 () 101+	Length (inches)	Comments
Puffer-Sharpnose	○ 1	○ 2-10 ○ 11-7	100 () 101+	Length (inches)	Comments
Duffer?	○ 1	○ 2-10 ○ 11-7	100 () 101+	Length (inches)	Comments
Ray?	○ 1	○ 2-10 ○ 11-7	100 () 101+	Length (inches)	Comments
Shark-Bull	○ 1	○ 2-10 ○ 11-7	100 () 101+	Length (inches)	Comments
Shark-Sandbar	○ 1	○ 2-10 ○ 11-7	100 () 101+	Length (inches)	Comments
<u>Shark?</u>	○ 1	○ 2-10 ○ 11-7	100 () 101+	Length (inches)	Comments
Sharksucker-Sharksucke	<u>r</u> () 1	○ 2-10 ○ 11-7	100 () 101+	Length (inches)	Comments
Sand-Perch	○ 1	2-10 () 11-7	100 () 101+	Length (inches)	Comments
Seabass-Bank	○ 1	2-10 () 11-7	100 () 101+	Length (inches)	Comments
Seabass-Belted-Sandfish	0 1	○ 2-10 ○ 11-7	100 () 101+	Length (inches)	Comments
Seabass-Black	<u> </u>	○ 2-10 ○ 11-7	100 () 101+	Length (inches)	Comments
Seabass-Pygmy	○ 1	○ 2-10 ○ 11-7	100 () 101+	Length (inches)	Comments
Seabass?	○ 1	○ 2-10 ○ 11-7	100 () 101+	Length (inches)	Comments
Snapper-Gray	○ 1	2-10 () 11-7	100 () 101+	Length (inches)	Comments
Snapper-Lane	○ 1	○ 2-10 ○ 11-7	100 () 101+	Length (inches)	Comments
Snapper-Red	○ 1	○ 2-10 ○ 11-7	100 () 101+	Length (inches)	Comments
Snapper-Vermillion	○ 1	○ 2-10 ④ 11-7	100 () 101+	Length (inches)	Comments
Snapper?	○ 1	○ 2-10 ○ 11-7	100 () 101+	Length (inches)	Comments
Soapfish-Whitespotted	<u> </u>	2-10 () 11-7	100 () 101+	Length (inches)	Comments

	Spadefish-Atlantic	0	1	0	2-10	0	11-10	0 () 1	01+ Ler	ngth (inches)		Comments	
	Toadfish-Leopard	0	1	0	2-10	0	11-10	0 () 1	01+ Ler	ngth (inches)		Comments	
\checkmark	Triggerfish-Gray	0	1	۲	2-10	0	11-10	0 () 1	01+ Ler	ngth (inches)		Comments	
\checkmark	Wrasse-Painted-Wrasse	0	1	0	2-10	۲	11-10	0 () 1	01+ Ler	ngth (inches)		Comments	
	Wrasse-Slippery-Dick	0	1	0	2-10	0	11-10	0 () 1	01+ Ler	ngth (inches)		Comments	
\checkmark	Unlisted-See-Comments	0	1	۲	2-10	0	11-10	0 () 1	01+ Ler	ngth (inches)		Comments	Blackbar Drum
\checkmark	Unlisted-See-Comments	۲	1	0	2-10	0	11-10	0 () 1	01+ Ler	ngth (inches)		Comments	Moustache 🛨
	Unlisted-See-Comments	0	1	0	2-10	0	11-10	0 () 1	01+ Ler	ngth (inches)		Comments	
	Unlisted-See-Comments	0	1	0	2-10	0	11-10	0 () 10	01+ Ler	ngth (inches)		Comments	
	Unlisted-See-Comments	0	1	0	2-10	0	11-10	0 () 10	01+ Ler	ngth (inches)		Comments	
	Unlisted-See-Comments	0	1	0	2-10	0	11-10	0 () 1	01+ Ler	ngth (inches)		Comments	
	Unlisted-See-Comments	0	1	0	2-10	0	11-10	0 () 1	01+ Ler	ngth (inches)		Comments	
	Unlisted-See-Comments	0	1	0	2-10	0	11-10	0 () 1	01+ Ler	ngth (inches)		Comments	
	Unlisted-See-Comments	0	1	0	2-10	0	11-10	0 () 1	01+ Ler	ngth (inches)		Comments	
	Unlisted-See-Comments	0	1	0	2-10	0	11-10	0 () 1	01+ Ler	ngth (inches)		Comments	
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	owth on Reef (Cl Algae Anemone	icł ○ ●	C ON ¹ 1-25% 1-25% 1-25%	0 0 0	26-509 26-509 26-509	oer % (% (-lin 51- 51- 51-	ks k 75% 75% 75%	oel 0 0	ow for 76-100% 76-100% 76-100%	identific Size (inches Size (inches		Describe Describe	
	owth on Reef (Cl Algae Anemone Barnacles	icł ○ ○ ○	C ON 1-25% 1-25% 1-25% 1-25%	00000	26-509 26-509 26-509 26-509	Der % (% (% (-linl	ks k 75% 75% 75%	0 0 0	ow for 76-100% 76-100% 76-100% 76-100%	identific Size (inches Size (inches Size (inches Size (inches		Describe Describe Describe	
	rowth on Reef (Cl Algae Anemone Barnacles Bivalves	ic ○ ○ ○	C ON 1-25% 1-25% 1-25% 1-25% 1-25%		26-509 26-509 26-509 26-509 26-509) % (% (% (% (-lin 51- 51- 51- 51- 51- 51-	ks k 75% 75% 75% 75%		ow for 76-100% 76-100% 76-100% 76-100%	identific Size (inches Size (inches Size (inches Size (inches		Describe Describe Describe Describe	
	owth on Reef (Cl Algae Anemone Barnacles Bivalves Coral-Colorful-Sea-Whip		<pre>< ON - 1-25% 1-25% 1-25% 1-25% 1-25% 1-25%</pre>		26-509 26-509 26-509 26-509 26-509 26-509	Der % (% (% (% (-linl 51- 51- 51- 51- 51- 51- 51- 51-	ks k 75% 75% 75% 75% 75%		ow for 76-100% 76-100% 76-100% 76-100% 76-100%	identific Size (inches Size (inches Size (inches Size (inches Size (inches		Describe Describe Describe Describe Describe	
	Algae Anemone Barnacles Bivalves Coral-Colorful-Sea-Whip Coral-Hard-Unkown		<pre>< ON * 1-25% 1-25% 1-25% 1-25% 1-25% 1-25% 1-25% 1-25%</pre>		26-509 26-509 26-509 26-509 26-509 26-509 26-509	Der % (% (% (% (% (-lin 51- 51- 51- 51- 51- 51- 51- 51- 51-	ks k 75% 75% 75% 75% 75%		ow for 76-100% 76-100% 76-100% 76-100% 76-100% 76-100%	identific Size (inches Size (inches Size (inches Size (inches Size (inches Size (inches		Describe Describe Describe Describe Describe Describe	
	Coval-Gorgonian		<pre>< ON - 1-25% 1-25% 1-25% 1-25% 1-25% 1-25% 1-25%</pre>		e hyp 26-509 26-509 26-509 26-509 26-509 26-509 26-509	Der % (% (% (% (% (-lin 51- 51- 51- 51- 51- 51- 51- 51- 51-	ks k 75% 75% 75% 75% 75% 75%		ow for 76-100% 76-100% 76-100% 76-100% 76-100% 76-100%	identific Size (inches Size (inches Size (inches Size (inches Size (inches Size (inches Size (inches		Describe Describe Describe Describe Describe Describe	
	owth on Reef (Cl Algae Anemone Barnacles Bivalves Coral-Colorful-Sea-Whip Coral-Hard-Unkown Coral-Gorgonian Coral-Occulina		CON 1-25% 1-25% 1-25% 1-25% 1-25% 1-25% 1-25% 1-25% 1-25%		e hyp 26-509 26-509 26-509 26-509 26-509 26-509 26-509 26-509	Der % (% (% (% (% (% (-lin 51- 51- 51- 51- 51- 51- 51- 51- 51- 51-	ks k 75% 75% 75% 75% 75% 75% 75%		ow for 76-100% 76-100% 76-100% 76-100% 76-100% 76-100% 76-100%	identific Size (inches Size (inches Size (inches Size (inches Size (inches Size (inches Size (inches Size (inches Size (inches		Describe Describe Describe Describe Describe Describe Describe	
	owth on Reef (Cl Algae Anemone Barnacles Bivalves Coral-Colorful-Sea-Whip Coral-Hard-Unkown Coral-Gorgonian Coral-Occulina Coral-White-Telesto		CON 1-25% 1-25% 1-25% 1-25% 1-25% 1-25% 1-25% 1-25% 1-25% 1-25%		e hyp 26-509 26-509 26-509 26-509 26-509 26-509 26-509 26-509	Der % (% (% (% (% (% (-lin 51- 51- 51- 51- 51- 51- 51- 51- 51- 51-	ks k 75% 75% 75% 75% 75% 75% 75% 75%		ow for 76-100% 76-100% 76-100% 76-100% 76-100% 76-100% 76-100% 76-100%	identific Size (inches Size (inches Size (inches Size (inches Size (inches Size (inches Size (inches Size (inches Size (inches Size (inches		Describe 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-?	O 1	○ 2-10 ○ 11-100 ○ 101+ Size (inches)	Comments
Snail-?	O 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	<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

Page 6 of 11

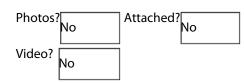
Turtles and Air Breathers/Mammals (Click on the hyper-links below for identification)

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

☑ Other Observations/Photos:

Observations

Primary objective was lionfish removal.



Print Form

Image Field

Image Field