MBARA Diver's Reef Survey Form Rev 20 Jun 2016

Reef Number and Name 178 Terry and Sharyn Joy Kerns Memorial Reef
Latitude (00 00.000) 29 55.458 Longitude (00 00.000) 85 32.683 Was published lat/lon correct? Yes Sonar Depth (ft) 57
GPS Manufacturer & Model: SIMRAD NSS9 EVO3
Survey Date Apr 27, 2018 Dive # 2 Time 1415
Cloud Cover % 5 Wind Spd & Dir Wave Height (ft) 3
Boat Name Bobcat Boat Captain Bob Cox Crew Carol Cox
Divers Bob Cox
Survey Type Roving Diver Depth Gauge Depth (ft) 57 Diver Bottom Time (minutes) 38
Water Temp Surface (Fahrenheit) 68 Water Temp Bottom (Fahrenheit) 66
Water Visibility Surface (feet) 20 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 \boxtimes Turbid \Box Other
Bottom Composition (check all that apply)
\boxtimes Sand \square Silt \square Mud \square Gravel \square Shell \square Other
Reef Materials & Quantity 4 FLAR, 1 Grouper Reef, 2 ecosystems
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

Clear Form

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

Angelfish-Blue	<u> </u>	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	○ 2-10 ○ 11-100	○ 101+	Length (inches)	Comments
Blenny-?	O 1	○ 2-10 ○ 11-100	○ 101+	Length (inches)	Comments
Blenny-?	○ 1	○ 2-10 ○ 11-100	○ 101+	Length (inches)	Comments
Butterflyfish-Spotfin	O 1	○ 2-10 ○ 11-100	○ 101+	Length (inches)	Comments
Butterflyfish?	01	○ 2-10 ○ 11-100	○ 101+	Length (inches)	Comments
Cardinalfish-Two-Spot	01	○ 2-10 ○ 11-100	○ 101+	Length (inches)	Comments
Chromis-Purple-Reeffish	O 1	○ 2-10 ○ 11-100	○ 101+	Length (inches)	Comments
Chromis-Yellowtail- <u>Reeffish</u>	O 1	○ 2-10 ○ 11-100	○ 101+	Length (inches)	Comments
Damselfish-Cocoa	01	○ 2-10 ④ 11-100	○ 101+	Length (inches)	Comments
Damselfish?	01	○ 2-10 ○ 11-100	○ 101+	Length (inches)	Comments
Drum-Cubbyu	01	○ 2-10 ④ 11-100	○ 101+	Length (inches)	Comments
Drum-Jackknifefish	01	○ 2-10 ○ 11-100	○ 101+	Length (inches)	Comments
<u>Eel?</u>	01	○ 2-10 ○ 11-100	○ 101+	Length (inches)	Comments
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 ④ 11-100 ○ 101+	Length (inches) 12-28 Comments
Grouper-Goliath	01	Length: <3ft 🔿 3-5ft 🔿 >5ft	C Comments
Grouper-Goliath	01	Length: <3ft 🔿 3-5ft 🔿 >5ft	C Comments
Grouper-Goliath	01	Length: <3ft 🔿 3-5ft 🔿 >5ft	C Comments
Grouper-Goliath	01	Length: <3ft 🔿 3-5ft 🔿 >5ft	C Comments
Grouper-Goliath	01	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-Goliath	○ 1	Length: <3ft 🔿 3-5ft 🔿 >5ft	C Comments
Grouper-Goliath	○ 1	Length: <3ft 🔿 3-5ft 🔿 >5ft	C Comments
Grouper-Goliath	01	Length: <3ft 🔿 3-5ft 🔿 >5ft	O Comments
Grouper-Graysby	O 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches) Comments
Grouper-Red	○ 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches) Comments
Grouper-Rock-Hind	01	○ 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 ④ 11-100 ○ 101+	Length (inches) Comments
Grunt-White	• 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches) Comments
Grunt?	O 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches) Comments
<u>Hogfish</u>	O 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches) Comments
Hogfish-Spanish	O 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches)
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 ○ 11-100 ○ 101+	Length (inches) Comments
Jack-Rainbow-Runner	○ 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches) Comments
□ Jack-Round-Scad-Cigar- <u>Minnow</u>	O 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches) Comments
Jack?	○ 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches) Comments
Jack?	O 1	○ 2-10 ○ 11-100 ○ 101+	Length (inches) Comments

<u>Lionfish</u>	O 1	0 2-10	0 () 11-100 () 101+	Length (inches)	Comments
Mackeral-King	O 1	○ 2-10	0 () 11-100 () 101+	Length (inches)	Comments
Mackeral-Spanish	O 1	0 2-10	0 () 11-100 () 101+	Length (inches)	Comments
Minnows-Glass-Small-Fry	1	○ 2-10	0 (11-100 (101+	Length (inches)	Comments
Pinfish?	O 1	○ 2-10	0 () 11-100 () 101+	Length (inches)	Comments
Porgy-Sheepshead- Porgy	O 1	○ 2-10	0 (• 11-100 () 101+	Length (inches)	Comments
Porgy-Sheepshead	• 1	0 2-10	0 () 11-100 () 101+	Length (inches)	Comments
Porgy?	O 1	○ 2-10	0 () 11-100 () 101+	Length (inches)	Comments
Puffer-Bandtail	O 1	○ 2-10	0 () 11-100 () 101+	Length (inches)	Comments
Puffer-Sharpnose	O 1	○ 2-10	0 () 11-100 () 101+	Length (inches)	Comments
Duffer?	O 1	○ 2-10	0 () 11-100 () 101+	Length (inches)	Comments
Ray?	O 1	○ 2-10	0 () 11-100 () 101+	Length (inches)	Comments
Shark-Bull	01	○ 2-10	0 () 11-100 () 101+	Length (inches)	Comments
Shark-Sandbar	O 1	○ 2-10	0 (11-100 (101+	Length (inches)	Comments
Shark?	O 1	○ 2-10	0 () 11-100 () 101+	Length (inches)	Comments
Sharksucker-Sharksucker	1	○ 2-10	0 () 11-100 () 101+	Length (inches)	Comments
Sand-Perch	O 1	○ 2-10	0 (• 11-100 () 101+	Length (inches)	Comments
Seabass-Bank	O 1	○ 2-10	0 () 11-100 () 101+	Length (inches)	Comments
Seabass-Belted-Sandfish	01	○ 2-10	0 () 11-100 () 101+	Length (inches)	Comments
Seabass-Black	<u> </u>	○ 2-10	0 (11-100 (101+	Length (inches)	Comments
Seabass-Pygmy	O 1	2-10	0 () 11-100 () 101+	Length (inches)	Comments
Seabass?	O 1	○ 2-10	0 () 11-100 () 101+	Length (inches)	Comments
Snapper-Gray	O 1	○ 2-10	0 (• 11-100 () 101+	Length (inches)	Comments
Snapper-Lane	O 1	○ 2-10	0 () 11-100 () 101+	Length (inches)	Comments
Snapper-Red	O 1	○ 2-10	0 () 11-100 () 101+	Length (inches)	Comments
Snapper-Vermillion	O 1	○ 2-10	0 () 11-100 () 101+	Length (inches)	Comments
Snapper?	O 1	○ 2-10	0 () 11-100 () 101+	Length (inches)	Comments
Soapfish-Whitespotted	01	0 2-10	0 (11-100 (101+	Length (inches)	Comments

\checkmark	Spadefish-Atlantic	۲	1	0	2-10	0	11-1	00 (01	01+ Le	ength (inches)		Comments	
	Toadfish-Leopard	0	1	0	2-10	0	11-1	00 () 1	01+ Le	ength (inches)		Comments	
\checkmark	Triggerfish-Gray	0	1	۲	2-10	0	11-1	00 (0 1	01+ Le	ength (inches)		Comments	
	Wrasse-Painted-Wrasse	0	1	0	2-10	0	11-1	00 (01	01+ Le	ength (inches)		Comments	
	Wrasse-Slippery-Dick	0	1	0	2-10	0	11-1	00 (01	01+ Le	ength (inches)		Comments	
	Unlisted-See-Comments	0	1	0	2-10	0	11-1	00 (01	01+ Le	ength (inches)		Comments	
	Unlisted-See-Comments	0	1	0	2-10	0	11-1	00 (0 1	01+ Le	ength (inches)		Comments	
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	Unlisted-See-Comments	0	1	0	2-10	0	11-1	00 (0 1	01+ Le	ength (inches)		Comments	
	Unlisted-See-Comments	0	1	0	2-10	0	11-1	00 (0 1	01+ Le	ength (inches)		Comments	
	Unlisted-See-Comments	0	1	0	2-10	0	11-1	00 (0 1	01+ Le	ength (inches)		Comments	
	Unlisted-See-Comments	0	1	0	2-10	0	11-1	00 (0 1	01+ Le	ength (inches)		Comments	
	Unlisted-See-Comments	0	1	0	2-10	0	11-1	00 (01	01+ Le	ength (inches)		Comments	
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	owth on Reef (Cl Algae	licl ○ ●	x on 1 1-25% 1-25%	c C	26-509 26-509	oer % (-lir 51	nks k -75% -75%	oel 0 0	ow for 76-100% 76-100%	 Generation Size (inches))	Describe	
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□ ✓ ✓	owth on Reef (Cl Algae Anemone Barnacles Bivalves	licl ○ ● ● ○	C ON 1 1-25% 1-25% 1-25% 1-25% 1-25%	the 0 0 0	26-50 26-50 26-50 26-50 26-50	Der % (% (% (-lir 51 51 51 51 51	nks k -75% -75% -75% -75%	o 0 0 0	ow for 76-100% 76-100% 76-100% 76-100%	 identific Size (inches) Size (inches) Size (inches) Size (inches) Size (inches) 		Describe Describe Describe Describe	
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□ ✓ ✓	owth on Reef (Cl Algae Anemone Barnacles Bivalves Coral-Colorful-Sea-Whip Coral-Hard-Unkown Coral-Gorgonian		<pre>< ON 1 1-25% 1-25% 1-25% 1-25% 1-25% 1-25% 1-25% 1-25% 1-25% 1-25%</pre>		e hyp 26-50 26-50 26-50 26-50 26-50 26-50 26-50	Der % (% (% (% (% (% (·-lir 51 51 51 51 51 51 51 51 51 51	nks k -75% -75% -75% -75% -75%		ow for 76-100% 76-100% 76-100% 76-100% 76-100% 76-100% 76-100%	 identific 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		<pre>< ON 1 1-25% 1-25% 1-25% 1-25% 1-25% 1-25% 1-25% 1-25% 1-25% 1-25% 1-25%</pre>		e hyp 26-50 26-50 26-50 26-50 26-50 26-50 26-50 26-50	Der % (% (% (% (% (% (% (-lir 51 51 51 51 51 51 51 51 51 51	nks k -75% -75% -75% -75% -75% -75%		ow for 76-100% 76-100% 76-100% 76-100% 76-100% 76-100% 76-100%	 identific Size (inchestion 		Describe Describe Describe Describe Describe Describe Describe	
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Unlisted-See-Comments	0 1-250	% 🔿 26-50% 🔿 51-75% 🔿 76-100% Size (in	ches) Describe
Unlisted-See-Comments	1-250	% 🔿 26-50% 🔿 51-75% 🔿 76-100% Size (in	ches) Describe
Unlisted-See-Comments	○ 1-259	% 🔿 26-50% 🔿 51-75% 🔿 76-100% Size (in	ches) Describe
Invertebrates at Re	eef (Cli	ck on the hyper-links below for i	dentification)
Cowry-?	O 1	○ 2-10 ○ 11-100 ○ 101+ Size (inches) Comments
<u>Cowry-</u> ?	○ 1	○ 2-10 ○ 11-100 ○ 101+ Size (inches) Comments
Cowry-?	O 1	○ 2-10 ○ 11-100 ○ 101+ Size (inches) Comments
Crab-Hermit	O 1	○ 2-10 ○ 11-100 ○ 101+ Size (inches) Comments
Crab-Yellowline-Arrow	O 1	○ 2-10) Comments
Crab?	O 1	○ 2-10 ○ 11-100 ○ 101+ Size (inches) Comments
Crab?	○ 1	○ 2-10 ○ 11-100 ○ 101+ Size (inches) Comments
<u>Lobster-Shovelnose</u>	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
□ Snail-Florida-Horse- Conch	<u> </u>	○ 2-10 ○ 11-100 ○ 101+ Size (inches) Comments
Snail-?	O 1	○ 2-10 ○ 11-100 ○ 101+ Size (inches) Comments
Snail-?	<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	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	O 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?	O 1	O 2-10	O 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	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)	Comments	

✓ Other Observations/Photos:

Observations

Wide Angle photos only.

Video URL: https://youtu.be/-1CG6KfDtZs

Photos?	Yes	Attached?	Yes
Video?	Yes		

Print Form

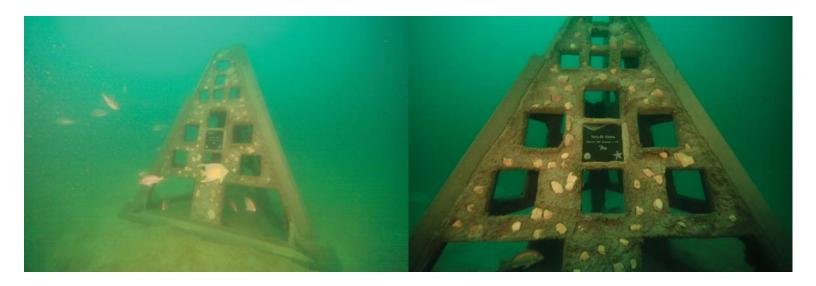


Image Field



Image Field





Image Field



Image Field



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