MBARA Diver's Reef Survey Form Rev 8 Jun 2011

Clear Form

Reef Number and Name: 81 B.W. Ritch Sr. Reef

Latitude: 29 46.968 Longitude: 85 52.388 Was published lat/lon correct? ☒ Yes ☐ No

GPS Manufacturer & Model: Garmin 188C

Sonar Depth (feet): 125 Survey Date: Jun 7, 2011 Time: 1130

Weather Conditions: Partly cloudy Sea Condition: 2-3 ft

Boat Name: Bobcat Boat Captain: Bob Cox

Dive Leader: Bob Cox

Dive Team Members: Carol Cox

Depth Gauge Depth (feet): 126 Diver Bottom Time (minutes): 31

Water Temp Surface (Fahrenheit): 83 Water Temp Bottom (Fahrenheit): 66

Water Visibility Surface (feet): 8 Water Visibility Bottom (feet): 35

Thermocline Depth (feet): 35 Current Direction: NW Current Speed (knots): 1

Other Water Column Characteristics (check all that apply)

☐ Plankton ☐ Algae ☐ Jellyfish ☒ Turbid ☐ Other: phlegmy

Bottom Composition (check all that apply)

☒ Sand ☐ Silt ☐ Mud ☐ Gravel ☐ Shell ☐ Other:

Reef Materials & Quantity: 4 reefmaker "Florida Special" pyramids

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 ○ Minor damage ○ Moderate damage ○ Major damage

◉ No movement ○ Minor movement ○ Moderate movement ○ Major movement

Explain damage/movement and suspected cause:

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

Angelfish-Blue	○ 1	● 2-10	○ 11-100	○ 101+	Length (inches)	12-14	Comments	
Angelfish-Queen	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Barracuda-Great	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Barracuda-Guaguanche	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Batfish-Polka-Dot	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Blenny-Molly-Miller	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Blenny-Seaweed	○ 1	○ 2-10	● 11-100	○ 101+	Length (inches)	1	Comments	
Blenny-Tessellated	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Blenny?	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Butterflyfish-Spotfin	○ 1	● 2-10	○ 11-100	○ 101+	Length (inches)	4	Comments	
Butterflyfish?	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Cardinalfish-Two-Spot	○ 1	● 2-10	○ 11-100	○ 101+	Length (inches)	2	Comments	
Chromis-Purple-Reeffish	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Chromis-Yellowtail-Reeffish	○ 1	● 2-10	○ 11-100	○ 101+	Length (inches)	1	Comments	
Cobia (Ling)	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Cowfish-Scrawled	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Damselfish-Cocoa	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Damselfish?	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Dolphin?	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Drum-Cubbyu	○ 1	○ 2-10	● 11-100	○ 101+	Length (inches)	1	Comments	
Drum-Jackknifefish	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Eel?	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Flounder-Gulf	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Filefish?	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Frogfish-Ocellated	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Goby-Spotted	○ 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	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Grouper-Red	○ 1	◉ 2-10	○ 11-100	○ 101+	Length (inches)	12	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-Tomtate	○ 1	○ 2-10	○ 11-100	○ 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	
Jack-Almaco-Lesser-AJ	○ 1	◉ 2-10	○ 11-100	○ 101+	Length (inches)	14	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-Lookdown	○ 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	
Lizardfish?	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Mackeral-King	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Mackeral-Spanish	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Mahi	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Minnows-Glass-Small-Fry	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Pinfish?	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Porgy-Saucereye	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Porgy-Sheepshead-Porgy	○ 1	◉ 2-10	○ 11-100	○ 101+	Length (inches)	8	Comments	
Porgy-Sheepshead	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Porgy?	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Puffer-Bandtail	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Puffer-Sharpnose	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Puffer?	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	

Ray?		○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Shark?		○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Sharksucker-Sharksucker		○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Sharksucker-Whitefin		○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Sand-Perch		◉ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	1	Comments	
Seabass-Bank		○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Seabass-Belted-Sandfish		◉ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	2	Comments	
Seabass-Black		○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Seabass-Pygmy		○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Seabass?		○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Snapper-Gray		○ 1	○ 2-10	◉ 11-100	○ 101+	Length (inches)	13	Comments	
Snapper-Lane		○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Snapper-Red		○ 1	○ 2-10	○ 11-100	◉ 101+	Length (inches)	10-18	Comments	
Snapper-Vermillion		○ 1	○ 2-10	○ 11-100	◉ 101+	Length (inches)	9	Comments	
Snapper?		○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Soapfish-Whitespotted		○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Spadefish-Atlantic		○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Toadfish-Leopard		○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Triggerfish-Gray		○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Wrasse-Slippery-Dick		○ 1	○ 2-10	◉ 11-100	○ 101+	Length (inches)	1	Comments	
Unlisted	Flying Fish	○ 1	◉ 2-10	○ 11-100	○ 101+	Length (inches)	4	Comments	
Unlisted		○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Unlisted		○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Unlisted		○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Unlisted		○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Unlisted		○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Unlisted		○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
Unlisted		○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	

Growth on Reef (Click on the hyper-links below for identification)

	1-25%	26-50%	51-75%	76-100%	Size (inches)	Describe
Algae	○	○	○	○		
Anemone	○	○	○	○		
Barnacles	○	●	○	○	1	
Bivalves	○	○	○	○		
Coral-Colorful-Sea-Whip	○	○	○	○		
Coral-Hard-Unkown	●	○	○	○	1-2	White, singles &
Coral-Gorgonian	○	○	○	○		
Coral-Occulina	○	○	○	○		
Coral-White-Telesto	○	○	○	○		
Feather-Duster-Worms	○	○	○	○		
Sponges	●	○	○	○		Orange
Unlisted: Bryozoans	●	○	○	○	4-8	white

Invertebrates at Reef (Click on the hyper-links below for identification)

	1	2-10	11-100	101+	Size (inches)	Comments
Cowry-Spotted-Cyphoma	○	○	○	○		
Cowry-West-Indian-Simnia	○	○	○	○		
Crab-Swimming	●	○	○	○		
Crab-Stareye-Hermit	○	○	○	○		
Crab-Stone	○	○	○	○		
Crab-Yellowline-Arrow	○	●	○	○	1-2	
Crab?	○	○	○	○		
Lobster-Shovelnose	○	○	○	○		
Lobster-Spiny	○	○	○	○		
Octopus	○	●	○	○	unk	
Sea-Cucumber	○	○	○	○		
Sea-Slug	○	○	○	○		
Sea-Star	○	○	○	○		
Sea-Urchin	○	○	○	○		

Snail-Atlantic-Hairy-Triton	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)		Comments	
Snail-Murex	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)		Comments	
Snail-Netted-Olive	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)		Comments	
Snail-Florida-Horse-Conch	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)		Comments	
Unlisted Florida Goddess Sea Slug	◉ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)	2	Comments	

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

Turtle-Green	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)		Comments	
Turtle-Leatherback	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)		Comments	
Turtle-Loggerhead	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)		Comments	
Turtle?	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)		Comments	
Whale?	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)		Comments	
Unlisted	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)		Comments	
Unlisted	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)		Comments	
Unlisted	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)		Comments	

Other Observations/Photos:

Observations

Unknown Snails 2+ 2"

REEF.org 21010126

Photos? ◉ Yes ○ No Attached? ◉ Yes ○ No

Video? ○ Yes ◉ No

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