MBARA Diver's Reef Survey Form Rev 11 May 2013

Clear Form

Reef Number and Name: 137 BWO 4

Latitude (00 00.000): 29 43.258 Longitude (00 00.000): 85 29.002 Was published lat/lon correct? Yes

GPS Manufacturer & Model: Garmin 188C

Sonar Depth (feet): 67 Survey Date: May 17, 2013 Time: 1500

Weather Conditions: Sunny Sea Condition: 1-2 ft

Boat Name: Bobcat Boat Captain: Bob Cox

Dive Leader: Bob Cox

Dive Team Members: Carol Cox

Depth Gauge Depth (feet): 68 Diver Bottom Time (minutes): 45

Water Temp Surface (Fahrenheit): 73 Water Temp Bottom (Fahrenheit): 71

Water Visibility Surface (feet): 30 Water Visibility Bottom (feet): 20

Thermocline Depth (feet): 50 Current Direction: S Current Speed (knots):

Other Water Column Characteristics (check all that apply)

- [x] Plankton
- [ ] Algae
- [ ] Jellyfish
- [x] Turbid
- [ ] Other

Bottom Composition (check all that apply)

- [x] Sand
- [ ] Silt
- [ ] Mud
- [ ] Gravel
- [x] Shell
- [ ] Other

Reef Materials & Quantity: 2 Eco, 1 FLAR, 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
- ( ) 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)	5-15	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)		Comments	
☐ Butterflyfish?	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☐ Cardinalfish-Two-Spot	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☐ Chromis-Purple-Reeffish	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☑ Chromis-Yellowtail-Reeffish	○ 1	◉ 2-10	○ 11-100	○ 101+	Length (inches)	.5	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)	2	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)	5	Comments	
☑ Drum-Jackknifefish	○ 1	◉ 2-10	○ 11-100	○ 101+	Length (inches)	8	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)	12-30	Comments	
☑ Grouper-Goliath	● 1	○ 2-10	○ 11-100	○ 101+	Length (inches)	40	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)	12	Comments	
☐ Grunt-Juvenile	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☑ Grunt-Tomtate	○ 1	○ 2-10	● 11-100	○ 101+	Length (inches)	1-6	Comments	
☐ Grunt-White	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☐ Grunt?	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☐ Hogfish	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☐ Hogfish-Spanish	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☐ Jack-Almaco-Lesser-AJ	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☑ Jack-Blue-Runner	○ 1	○ 2-10	● 11-100	○ 101+	Length (inches)	8-10	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)	5-6	Comments	
☐ Jack?	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☐ Lionfish	○ 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)		Comments	

☑ Porgy-Sheepshead	○ 1	● 2-10	○ 11-100	○ 101+	Length (inches)	10-12	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)		Comments	
☑ Seabass-Bank	○ 1	● 2-10	○ 11-100	○ 101+	Length (inches)	2-8	Comments	
☑ Seabass-Belted-Sandfish	○ 1	● 2-10	○ 11-100	○ 101+	Length (inches)	2	Comments	
☑ Seabass-Black	○ 1	○ 2-10	● 11-100	○ 101+	Length (inches)	8-16	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)	10-24	Comments	
☐ Snapper-Lane	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☑ Snapper-Red	○ 1	○ 2-10	● 11-100	○ 101+	Length (inches)		Comments	
☐ Snapper-Vermillion	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☐ Snapper?	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☑ Soapfish-Whitespotted	○ 1	● 2-10	○ 11-100	○ 101+	Length (inches)	6	Comments	
☑ Spadefish-Atlantic	○ 1	○ 2-10	● 11-100	○ 101+	Length (inches)	10-12	Comments	
☐ Toadfish-Leopard	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☑ Triggerfish-Gray	○ 1	○ 2-10	● 11-100	○ 101+	Length (inches)	12-16	Comments	
☑ Wrasse-Slippery-Dick	○ 1	○ 2-10	● 11-100	○ 101+	Length (inches)	3	Comments	
☑ Unlisted-See-Comments	○ 1	● 2-10	○ 11-100	○ 101+	Length (inches)		Comments	Banded
☐ Unlisted-See-Comments	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	
☐ Unlisted-See-Comments	○ 1	○ 2-10	○ 11-100	○ 101+	Length (inches)		Comments	

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

☐ Algae	○ 1-25%	○ 26-50%	○ 51-75%	○ 76-100%	Size (inches)	Describe	
☑ Anemone	◉ 1-25%	○ 26-50%	○ 51-75%	○ 76-100%	Size (inches)	Describe	
☑ Barnacles	○ 1-25%	◉ 26-50%	○ 51-75%	○ 76-100%	Size (inches)	Describe	
☐ Bivalves	○ 1-25%	○ 26-50%	○ 51-75%	○ 76-100%	Size (inches)	Describe	
☑ Coral-Colorful-Sea-Whip	◉ 1-25%	○ 26-50%	○ 51-75%	○ 76-100%	Size (inches)	Describe	
☐ Coral-Hard-Unkown	○ 1-25%	○ 26-50%	○ 51-75%	○ 76-100%	Size (inches)	Describe	
☐ Coral-Gorgonian	○ 1-25%	○ 26-50%	○ 51-75%	○ 76-100%	Size (inches)	Describe	
☐ Coral-Occulina	○ 1-25%	○ 26-50%	○ 51-75%	○ 76-100%	Size (inches)	Describe	
☐ Coral-White-Telesto	○ 1-25%	○ 26-50%	○ 51-75%	○ 76-100%	Size (inches)	Describe	
☐ Feather-Duster-Worms	○ 1-25%	○ 26-50%	○ 51-75%	○ 76-100%	Size (inches)	Describe	
☐ Sponges	○ 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	

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

☐ Cowry-Spotted-Cyphoma	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)	Comments	
☐ Cowry-West-Indian-Simnia	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)	Comments	
☐ Crab-Swimming	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)	Comments	
☐ Crab-Stareye-Hermit	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)	Comments	
☐ Crab-Stone	○ 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	
☐ Lobster-Shovelnose	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)	Comments	
☐ Lobster-Spiny	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)	Comments	
☐ Octopus	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)	Comments	
☐ Sea-Cucumber	○ 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	

☐ 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-See-Comments	○ 1	◉ 2-10	○ 11-100	○ 101+	Size (inches)		Comments	Unkown

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-See-Comments	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)		Comments	
☐ Unlisted-See-Comments	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)		Comments	
☐ Unlisted-See-Comments	○ 1	○ 2-10	○ 11-100	○ 101+	Size (inches)		Comments	

✓ Other Observations/Photos:

Observations

West Indian simnia

Neopontonides chacei shrimp

Photos? Yes

Attached? Yes

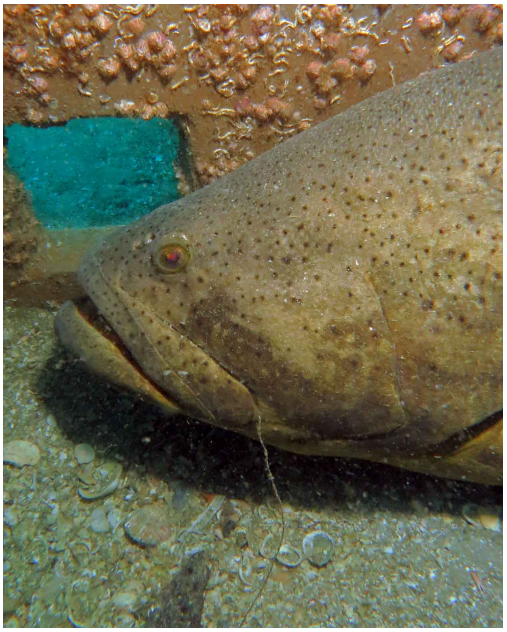
Video? Yes

Print Form

Submit by E-mail

Image Field

Image Field



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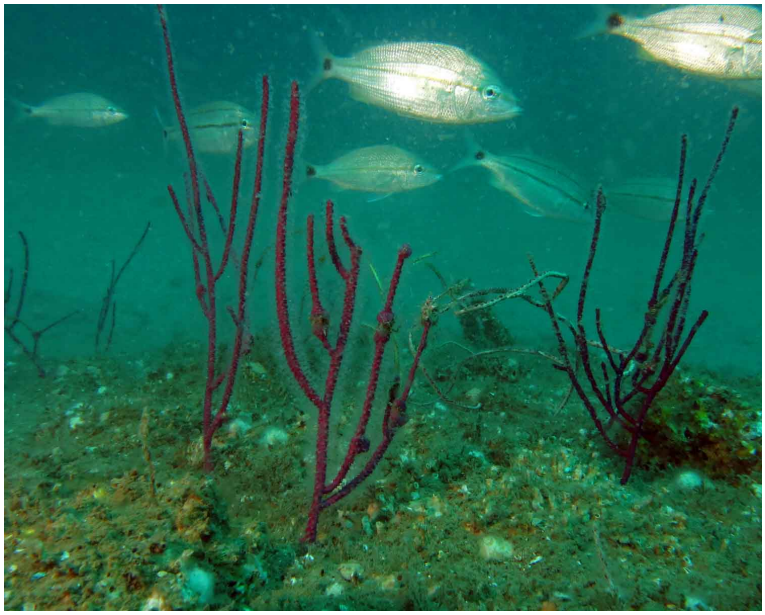

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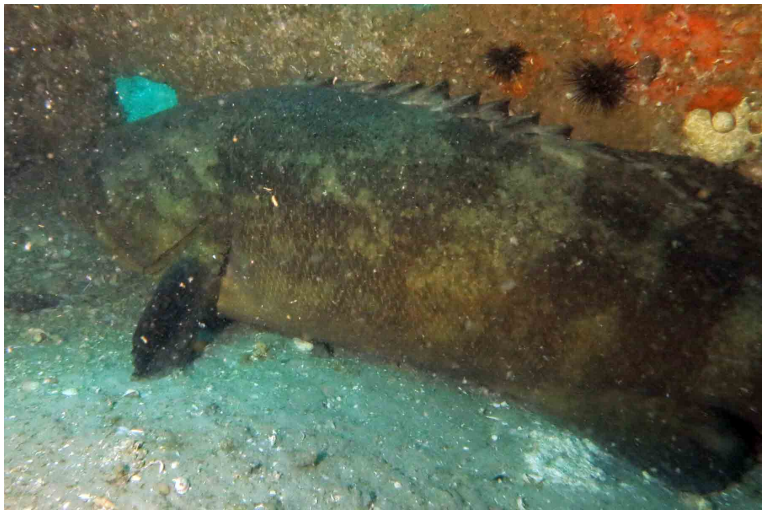

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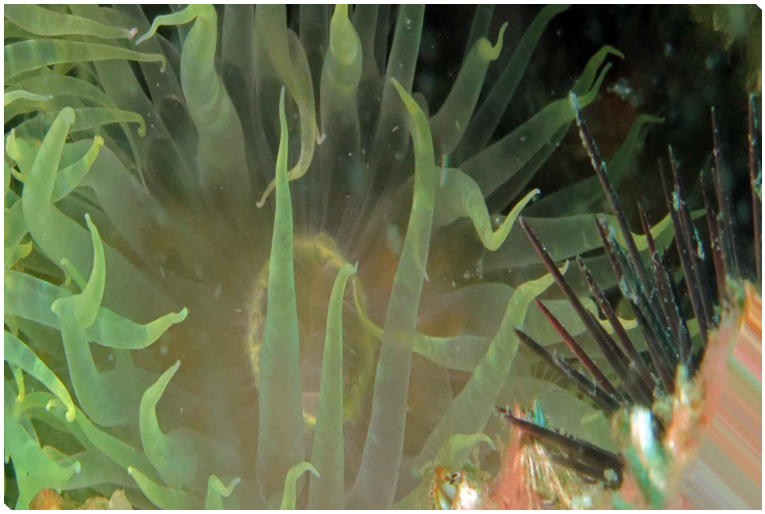

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