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2016

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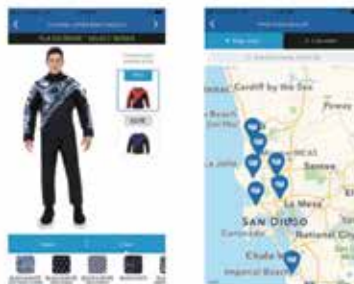
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# President's Welcome

Welcome to the 62<sup>nd</sup> annual Boston Sea Rovers show. For 62 years the Sea Rovers have been organizing this yearly event. Underwater history has been made due to the professional relationships the show has forged, movie premiers have graced our screens, and up and coming photographers, filmmakers, scientists and dive industry professionals have made their mark at our historic show.

Thanks to you, the attendees, the exhibitors and presenters for supporting the educational mission of the Boston Sea Rovers by attending our show. We're sure you'll enjoy the exhibits, lectures, workshops and of course the crown jewel of our show, our Saturday evening film festival.

It is with a huge debt of gratitude that I thank the all-volunteer core of the Boston Sea Rovers and the new recruits who worked to make this show a success. If you see a Sea Rover walking around the show be sure to thank them yourself! If you're interested in getting involved with the Boston Sea Rovers, please contact me directly at: [ethan@gordonmultimedia.com](mailto:ethan@gordonmultimedia.com)



The Boston Sea Rovers .

Ethan Gordon  
President, Boston Sea Rovers

## Behind the Scenes

<i>Advertising Sales</i>	Mike Lodise	<i>Graphic &amp; Web Design</i>	Ethan Gordon
<i>Art Exhibit Coordinator</i>	Joy Marzolf	<i>Kids Room Coordinator</i>	Joy Marzolf
<i>A/ V Coordinator</i>	Bill Buckley, Ethan Gordon	<i>Marine Careers Day</i>	George Buckley, Vin Malkoski, Mike Zappala
<i>Clinic Manager</i>	Mike Zappala	<i>Marketing, Promotions</i>	Nick Fazah, Alex Dulavitz
<i>Daytime Seminars</i>	Bill Buckley, Laura Gallagher	<i>NE Aquarium Liason</i>	Dan Dolan
<i>Discover Scuba</i>	Nick Fazah, Alex Dulavitz	<i>Silent Auction</i>	Mark Dixon
<i>Exhibitor/Advertising Sales</i>	Amy Mauer, Mike Guglielmo, Woody Tinsley, Rob Weintraub, Paul Leonard	<i>Ticket Sales, Front Counter</i>	Kim Malkoski, Chris Meyfarth
<i>Facility Coordinator</i>	Pat Morton	<i>Volunteer Coordinator</i>	Ted Maney
<i>Film Festival</i>	Bill Buckley	<i>Workshop Coordinator</i>	Keith Kelly

## Program Guide Index

<b>7</b>	Facility Map
<b>9</b>	Exhibitor Map
<b>10</b>	Raffle Details
<b>12</b>	The 2016 Boston Sea Rovers
<b>13</b>	Diving with the Rovers
<b>15</b>	Diver of the Year
<b>16</b>	Film Festival Guide
<b>18</b>	Kids' Activities & the Summer Intern
<b>20</b>	Daytime Speaker Schedule
<b>24</b>	Speaker Bios and Talk Summaries
<b>32</b>	Workshops
<b>33</b>	COMS Fair and COMS
<b>34</b>	In Memoriam

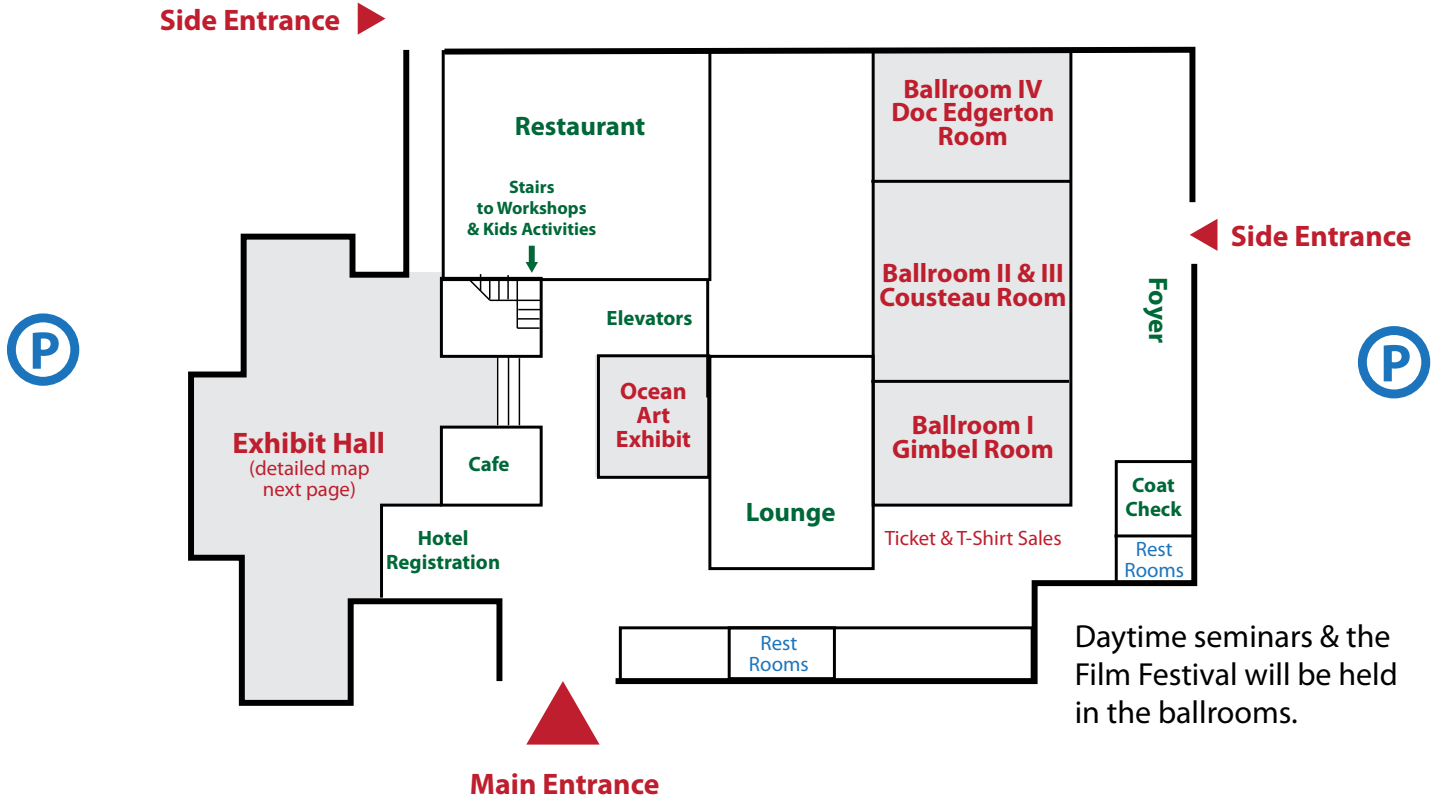
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# Show Map - DoubleTree by Hilton Boston North Shore, Danvers, MA

Coco Key Water Park

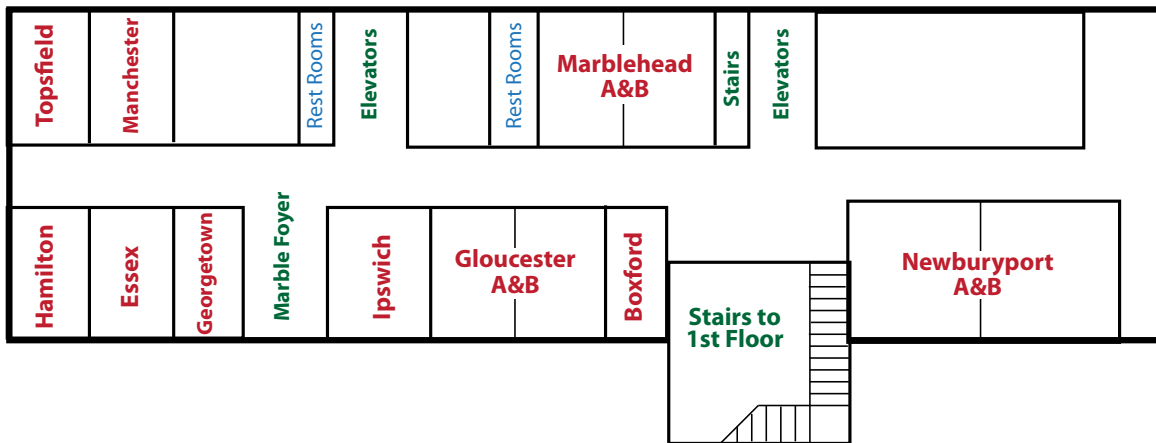


## Main Floor



Workshops and Sunday Kids' Day Activities are located on the 2nd floor, accessible via elevators, or the grand staircase near the exhibit hall.

## 2nd Floor



# Show Sponsors

The Boston Sea Rovers would like to extend a hearty thank you to those companies who have supported our mission with their generosity. Please be sure to support them by visiting: [www.bostonsearovers.com/sponsors](http://www.bostonsearovers.com/sponsors) and following the links to their websites.

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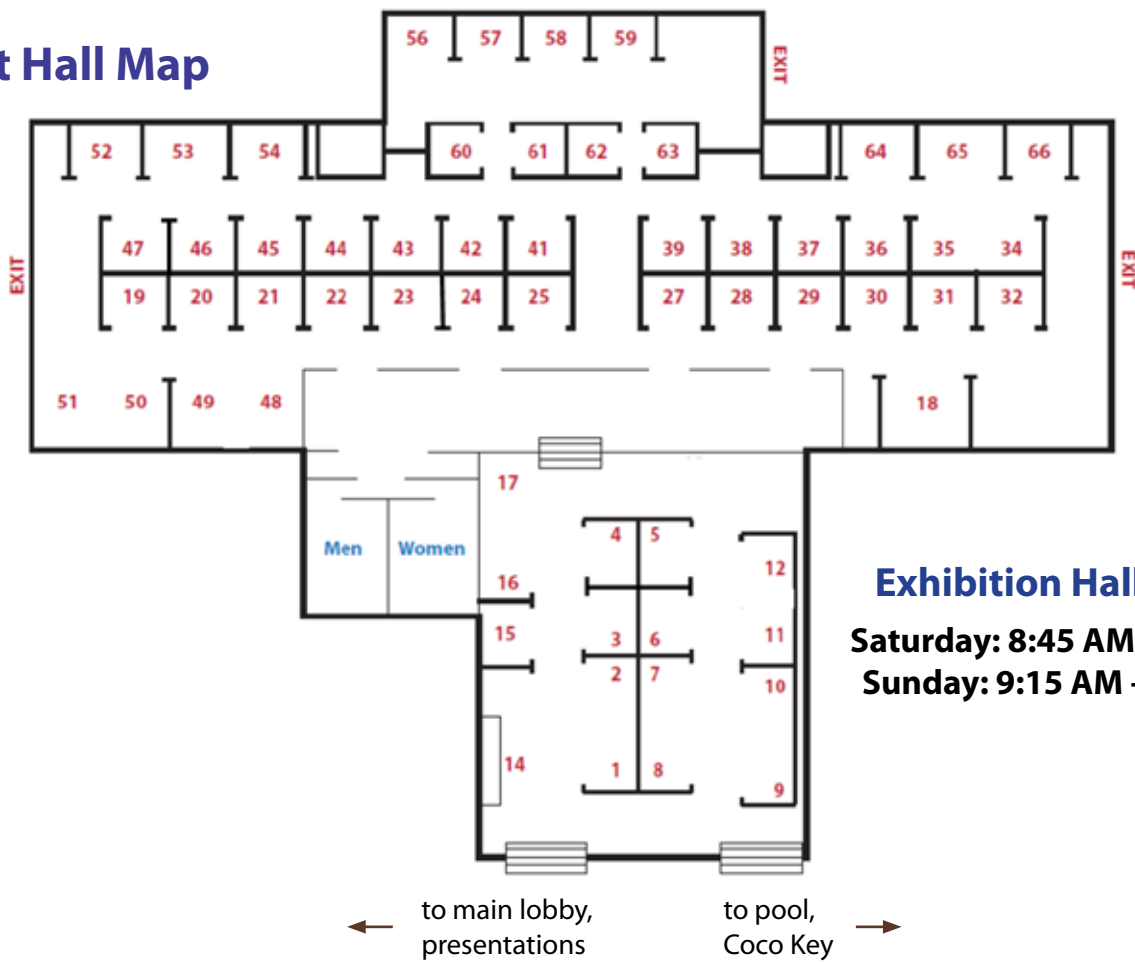









# Exhibit Hall Map



## Exhibition Hall Hours

**Saturday: 8:45 AM - 5:00 PM**

**Sunday: 9:15 AM - 4:30 PM**

All Star Liveboards, Bahamas	54	Mares/SSI	5
American Underwater Products	4	Mass Diving	7 - 8
Arenui Boutique Liveboard	39	Massachusetts Division of Marine Fisheries	65
Atlantic White Shark Conservancy	36	Massachusetts Enviromental Trust	66
Atlantis Dive Resorts and Liveboards	44	Massachusetts State Police	14
Backscatter	1 - 2	Metro West Dive Club	56
Bay State Council of Divers	59	NAUI Worldwide	30
Best of PNG	28	New England Aquarium Dive Club	60
Big Blue Aquatic Gifts	63	North Shore Frogmen	61
Boston Scuba	34 - 35	Ocean Quest Adventure Resort	38
Buddy Dive Resorts Bonaire	47	OMS	15
Cape Ann Charters / rEvo	6	Operation Blue Pride	48 - 49
Caradonna Dive Adventures	29	Pindito	25
Casa del mar Cozumel Hotel & Dive Resort	45	Reef & Rainforest	22
Cayman Islands Department of Tourism	24	Reef Environmental Education Foundation	37
Coco View Resort	46	Renewal by Anderson	64
Conservation Law Foundation	52	Rum Reggae	20
Deep Blue Adventures	41	Salem State University Dive Club	57
Dive Patrol Inc.	50 - 51	Scuba St. Lucia at Anse Chastanet Resort	19
Divers Alert Network	9 - 10	Shearwater Research Inc	42
DUI	16 - 17	South Shore Neptunes	58
East Coast Divers	11 - 12	Stellwagen Bank National Marine Sanctuary	62
Eastern Dive Boat Association	54	The Travel Scene / Sandals & Beaches Resorts	32
Explorer Ventures Liveboard Fleet	21	Turquoise Bay Resort	23
Hamlet Oasis Resort	31	Undersea and Hyperbaric Medical Society	53
Interspiro	3	Utila Dive Lodge	27
Manta Industries	18	Wreck Diving Magazine	43

## Door Prizes, Auctions & Raffle Items

This year is a banner year for incredible prizes attendees can win. Be sure to fill out the back of your tickets and get them in the bin by the ticket sales booth. Winners will be drawn throughout both days of the show and the winners list will be updated regularly, so be sure to keep checking. In addition, be sure to purchase raffle tickets (see pg. 34) and check out the silent auction for a chance to win more great prizes. **All daytime prizes must be picked up in person no later than Sunday at 3PM, or will be forfeited. Some of these special prizes will be awarded off the Film Festival stage on Saturday night. You must be present to win.**

Proceeds from the Sea Rovers Raffles support our mission of Education, Conservation, and Exploration of the Underwater World. Funds are used to help produce the show each year and for special programs like COMS (see page 19 and 32) and the Boston Sea Rovers Summer Internship. Please continue to support these important programs and our sponsors.

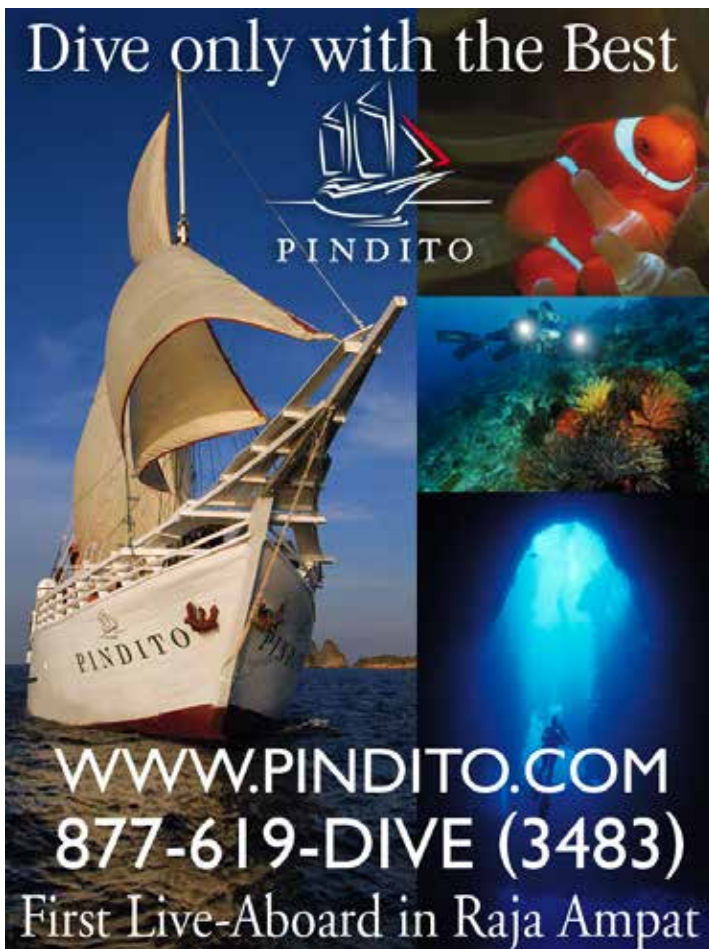
## 2016 Film Festival Drawing!

**Winners must be present at the Film Festival to win. The winners will be selected at the end of intermission and must come up to the stage at the end of the Film Festival to claim their prizes.**

7-Night Stay at Buddy Dive Resort, in Bonaire - Approximate value \$1,200. \*

1-Set of Sherwood Dive Gear - Approximate value \$1,200. \*

1-Dive in the New England Aquarium's Giant Ocean Tank - Approximate value - priceless!



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The Boston Sea Rovers is an all-volunteer non-profit organization. Your support helps us achieve our mission of promoting education, exploration and conservation of the underwater world.

# Super Raffle! \$50 per ticket, 3 for \$100

Your chances of winning: 1 in 30! A maximum of 200 tickets will be sold, prized include:



10 nights accommodation on any luxury Dive Damai vessel - only 3 divers per guide!  
Courtesy of Reef & Rainforest.  
Approximate value **\$5,250.**\*



Trip aboard one of Indonesia's most experienced dive vessels, the *Pindito*. Approximate value **\$5,000.**\*



7 night trip aboard the Bilikiki to the Solomon Islands! Courtesy of Reef & Rainforest.  
Approximate value **\$3,465.**\*



7 nights accommodations in the Philippines, courtesy of Atlantis Dive Resorts and Liveaboards.  
Approximate value **\$2,200.**\*



An OMS Drysuit by DUI.  
Approximate value **\$1,699.**\*

A Shearwater Perdix computer.  
Approximate value **\$850.**\*



Zeagle Ranger BCD from Boston Scuba.  
Approximate value **\$750.**\*

Hollis 200 LX Regulator.  
Approximate value **\$650.**\*



## 2016 Raffle! \$5 per ticket, 3 for \$10

The amazing prizes for the 2016 Raffle include:

- 1-Week Trip to Saba/St. Kitts with Explorer Ventures - Approximate value \$2,000.\*
- 4-Night Stay at Maluku Divers, in Indonesia - Approximate value \$1,210.\*
- Weeklong Cruise Aboard Blackbeard Cruises, Bahamas - Approximate value \$995.\*
- 5 night stay at Scuba Club Cozumel - Approximate value \$740.\*
- 1 Oceanic Zeo Regulator - Approximate value \$650.\*
- 2 - \$100 Gift Certificates to Mass Diving and many more fantastic prizes!

\* See full item descriptions, rules and regulations sheet where the raffle tickets are sold. Additional fees and taxes may apply. Winners are responsible for any additional fees and taxes. Prizes are non-transferable and can not be sold or redeemed for cash value.



The 2015 Boston Sea Rovers (left to right): First Row – Dave Morton, Lisa O'Malley, Lee Livingston, Erik Takakjian, Steve Gatto, Tom Murray, Pat Morton, Greg Skomal, Holly Martel Bourbon, Michelle Hall, Evelyn Dudas, Amy Mauer, George Buckley; Second Row – Berkley White, Mike Guglielmo, Keith Kelly, Jeff Pagano, Tom Packer, Rick Rosenthal, Bill Buckley, Amy Giannotti, Mike Lodise, Kim Malkoski, Kathy Murray, Chris Meyfarth, Jim Stayer, Marty Klein, Joy Marzolf, Rick Simon, Ed Hayes, Pat Stayer, Nick Caloyianis, Clarita Berger, Howard Hall, Vin Malkoski; Third Row – Woody Tinsley, Alex Dulavitz, Bill O'Malley, Ted Maney, Nick Fazah, Peter Symasko, Ethan Gordon, Dan Orr, Mike Zappala, John Hannon, Jenny Collister, Bill Vanderclock, Paul Cater Deaton

## The 2016 Boston Sea Rovers

### ***Board of Directors***

Dave Morton, Chairman  
 George Buckley  
 Don DeSantis  
 Ethan Gordon  
 Mike Zappala

### ***Officers***

Ethan Gordon, President  
 Mike Zappala, Treasurer  
 Bill Buckley, Vice President  
 Keith Kelly, Secretary

### ***Active Roster***

Mark Dixon  
 Alex Dulavitz  
 Jake Duvall  
 Nick Fazah  
 Mike Guglielmo  
 Paul Leonard  
 Kim Malkoski  
 Vin Malkoski  
 Ted Maney

Matt Marcoux  
 Joy Marzolf  
 Amy Mauer  
 Chris Meyfarth  
 Pat Morton  
 Woody Tinsley  
 Bill VanderClock  
 Mike Williams

### ***Friends of the Rovers***

Laura Gallagher, Jennifer Gordon, Valerie Gould, Dee Malkoski,  
 Robert Weintraub, Dave Zappala

# Boston Sea Rovers Honorary & Associate Members

## **Honorary Members**

Don DeSantis	Van Buskirk	Sylvia Earle	June Keiser	Tom Murray	Greg Skomal
Stan Waterman	Glenn Butler	John Ellerbrock	Roy Keiser	Julie Ouimet	Rick Stanley
Joe Linehan	Cynthia Butts	Frank Fennell	Marty Klein	Bill O'Malley	Jim Stayer
Ed Hayes	Nick Caloyianis	Steve Gatto	Cris Kohl	Lisa O'Malley	Pat Stayer
Joseph Hohmann	Bernie Campoli	Amy Giannotti	Gary Kozak	Dan Orr	Greg Stone
Sam Raymond	Bob Cartier	Al Giddings	Emory Kristof	Faith Ortins	Peter Symasko
	Bob Cembrola	Glennon Gingo	Michel Labrecque	Tom Packer	Eric Takakjian
	Micheline Cignoli	Carol Gross	Ken Lavigne	Jeff Pagano	Neil Tassel
	Jenny Collister	Dicky Gross	Mel Lillis	Frank Panaccio	Susan Tunis
	Alexandra Cousteau	Howard Hall	Lee Livingston	Wes Pratt	Terrence Tysall
	Philippe Cousteau	Michele Hall	T. Walker Lloyd	Smokey Roberts	Dave Wagstaff
	Bill Curtsinger	Roger Hanlon	Joe MacInnis	Pat Rooney	Barrie Walden
	Chuck Davis	John Hannon	Andy Martinez	Rick Rosenthal	Berkley White
	Paul Cater Deaton	Jill Heinerth	Nancy McGee	Tony Salerno	Andrea Zaferes
	David Doubilet	Butch Hendrick	Tom Mount	Bradley Sheard	Zachary Zevitas
	Kate Douglas	Walter Hornberger	Tom Mulloy	Dave Sipperly	JoAnn Zigahn
	Evelyn Dudas	Hank Keatts	Kathy Murray	Brian Skerry	Zig Zigahn
	Bill Dworet				

## **Associate Members**

## The Boston Sea Rovers Mission

The Boston Sea Rovers is an all-volunteer non-profit organization dedicated to Education, Conservation and Exploration of the Underwater World. It is our mission to organize this yearly event designed to engage you, the public – divers, nature enthusiasts, photographers and filmmakers. In addition, we are graced by speakers who travel from the far corners of the planet to present at our show. They're a mix of the world's best and brightest professionals focused on the underwater world. Beyond engaging the public, their presence here has also forged many long-term professional relationships that have changed the face of diving and underwater exploration. For more information on the Boston Sea Rovers, go to: [www.bostonsearovers.com](http://www.bostonsearovers.com).

## Diving with the Rovers

No matter how much time we spend throughout the year working on the show, we still make time to get out and dive. Some of us are lucky enough to dive professionally; others are dedicated recreational or technical divers. Either way, we'd all rather be underwater and we love to share a few stories.

Long-time Rover **Bernie Campoli** checked in from Florida to report that 2015 was a great year. The highlight of his year was a **legal** trip to Cuba – don't ask, don't tell – in January for a New Year's party in Havana and then on to Jardines de la Reina (Gardens of the Queen). This archipelago was so named by Christopher Columbus, considered by some a sea rover in his own right. Bernie also spent time diving in Key Largo and off Socorro and is already planning trips in 2016 with his old Doria buddy Bob Hollis and Steven Frink to Cuba and Guadalupe.

Hardy New England divers that they are, **Keith Kelly** and his wife Kim began the year diving one of their favorite winter spots, Peirce Island, NH. In May they headed to the Netherlands Antilles - Bonaire and northern Curacao. After a summer of local diving around Cape Ann, Keith and Kim hit the Riviera Maya trifecta of ocean diving in Cozumel, inland cenotes, and snorkeling with the whale sharks off Isla Mujeres. **Marty Klein** reported that he has been appointed to the Advisory Board of NOAA's Stellwagen Bank National Marine Sanctuary and was able to join the submersible Curasub in Curacao looking for exotic tropical fish.

International assignments and world records figured into **Paul Cater Deaton's** year. First, shooting from a high-speed helicopter, he filmed a record-smashing speedboat run from Key West to Havana, Cuba. The crew made history as theirs became the first civilian helicopter permitted to land in Havana since the Cold War. Later, on assignment for The Discovery Channel, PCD filmed the Project Nautilus Team on a record-setting underwater event benefitting Make a Wish. This year, HBO Documentaries will air a film on which PCD was Director of Photography. In addition, he spent a month in the Philippines filming four documentaries and worked with British naturalist Nigel Marven filming nesting leatherback turtles on St Croix. Also on assignment, **Nancy McGee** logged 60+ hours

underwater in the Indonesian archipelago, traveling east from Flores to investigate the health of coral reefs in this epicenter of marine culture. Amongst the highlights were *Mola mola* (ocean sunfish), the deadly blue ring octopus, and poison ocelot octopus. Nancy is now in post-production on a film about venomous marine life.

**Dave and Pat Morton** spent time in Bonaire with Dave focusing his photographic efforts on documenting the local sea turtles and a really nice manta shot. In between dives they were able to earn an award for Christmas lighting as well as a citation for causing a brown-out. **Amy Maurer's** diving time was spent photographing marine life in the ocean off both Cape Ann and Bonaire, exploring the waters of the Connecticut River, and surveying fish and invertebrate species for the REEF database. **Ethan Gordon** reported spending a great week off Socorro photographing the mantas. Given his recent dive history, this story was deemed unlikely until corroborated by photographic evidence from **Jake Duvall** who happened to be on the same boat.

February found **Jim and Pat Stayer** in Anilao, Philippines filming animal behavior with Mike Bartick. They were able to add a great deal of footage to their animal behavior database including mantis shrimp with a chest full of eggs, a just discovered anemone that eats large fish, and some funny antics of the coconut octopus. During a summer of shipwreck diving in Lake Huron, Jim & Pat hosted 2015 Sea Rover Intern **Brendan Sullivan** for a week of diving and video editing. In October they spent 2 weeks exploring the Sea of Cortez, from Cabo San Lucas to the top of the Baja. This trip included one of the first trips to experience the new mobula night dive. Overall, a wonderful year of diving.

**Dan Orr** reported that 2015 was a year of challenge and opportunity for him and Betty with the loss of family and dear friends. Nonetheless, they continued to consult in many areas of the diving world and working with non-profits. In what's considered a slow year for Dan, he was named President of the Academy of Underwater Arts & Science (presenter of the prestigious NOGI Award), Coordinator for the Recreational Scuba Training Council (RSTC), and was elected to the DEMA Board of Directors and Safety Consultant for Diver Medic Magazine. **George Buckley** made several trips to Bonaire to work on the memorials for Jack Chalk and Captain Don and managed to get in a few dives. He has been working on a film about his forty years of environmental work in Bonaire and consulting for the ocean salt company there and his award winning film about coral reefs is now available in the US having garnered a number of additional awards in Europe. His Sustainability and Environmental Management program at Harvard just accepted its 400th Masters Degree student, one of whom is **Kim Malkoski**. Kim is currently splitting her time between the Dive Office at WHOI and work as the Training Director for East Coast Divers with fellow Rovers **Alex Dulavtiz** and **Nick Fazah**.

2015 was also a very good year for collaborative diving amongst the Sea Rovers. **Ted Maney** went to Bonaire in March with **Bob Boyle** and Undersea Divers along with **Andy Martinez**. This was Bob's 60th trip to Bonaire. In June Kim, Amy Malkoski, and Brendan Sullivan traveled to the NSW Carderock facility with **Vin Malkoski** to provide dive support for the 13th International Human Powered Submarine Races. Throughout the summer, Ted, Vin, and Kim dove on numerous research projects and Ted permitted an off-shore mussel farm off Cape Ann. Ted and Vin traveled with **Holly Bourbon** to San Diego in October for some diving and an equipment demo with DUI, after which they headed to Guadalupe Isle with **Faith Ortins** to dive with great white sharks on the Nautilus Belle Amie. In October, Holly, Vin, and Dee Malkoski attended the AAUS Annual meeting and dove off Key West and Key Largo.

**Mike Guglielmo** and his wife Dawn Guglielmo spent as much time riding their motorcycles as they did diving this year. When they weren't tending to their new Pitbull puppies, they enjoyed some quiet time diving in Bonaire and the Florida Keys on their rebreathers. While a long summer photo adventure in the Netherlands limited her dive season in NE, **Joy Marzolf** was able to capture images of some great close encounters with mantees while leading trips in Florida for the Oceanic Society.

We hope you enjoyed these short stories from some of our members and are making plans for your own adventures in 2016. Have a great weekend and make the most of the many opportunities to learn some new techniques, plan some trips, and get yourself for the next great year of diving!

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## Dr. Greg Skomal – 2016 Walter Feinberg Diver of the Year Award

Dr. Gregory Skomal is an accomplished marine biologist, underwater explorer, photographer, aquarist, and author. He has been a senior fisheries biologist with Massachusetts Marine Fisheries since 1987 and currently heads up the Massachusetts Shark Research Program (MSRP). He is also adjunct faculty at the University of Massachusetts School for Marine Science and Technology in New Bedford, MA, and an adjunct scientist at the Woods Hole Oceanographic Institution (WHOI) in Woods Hole, MA. He holds a master's degree from the University of Rhode Island and a Ph.D. from Boston University. Through the



MSRP, Greg has been actively involved in the study of life history, ecology, and physiology of sharks. His shark research has spanned multiple locations around the globe, taking him from the frigid waters of the Arctic Circle to coral reefs in the tropical Central Pacific. Much of his current research centers on the use of acoustic telemetry, satellite-based technology, and underwater vehicles to study shark ecology and behavior. He has written dozens of scientific research papers and has appeared in a number of film and television documentaries, including programs for National Geographic, Discovery Channel, ESPN, and numerous television networks. Most recently, he has headed up the research efforts to study great white sharks off Cape Cod, MA. Greg was also the lead biologist for a series of Discovery Channel projects, which involved the tracking of white sharks using a REMUS100 autonomous underwater vehicle (AUV) called SHARKCAM. Working with WHOI engineers off the coasts of Chatham, MA and Guadalupe Island, Mexico, Greg and his team were the first to follow and film sharks using an AUV. Greg has been an avid SCUBA diver and underwater photographer since 1978. Although his research passion for the last twenty-five years has centered on sharks, he has been an avid aquarist for over four decades having written eleven books on aquarium keeping. His most recent book, *The Shark Handbook*, is a must buy for all shark enthusiasts. He is a Boston Sea Rover, and his home and laboratory are on the south coast of Massachusetts.

Now, in 2016, the Boston Sea Rovers are honored to present him with our highest award, complete with the following inscription:

**SCIENTIST - RESEARCHER - ENVIRONMENTALIST  
FOR STUDYING, DEFENDING & PROTECTING  
"THE DENIZENS OF THE DEEP"**

- 1956 Edward Pansewitz
- 1957 Peter Gimbel
- 1958 James Cahill
- 1959 James Dugan
- 1960 George Bond
- 1961 Harold Edgerton
- 1962 Hans Keller
- 1963 Pablo Bush Romero
- 1964 Alan Krasberg
- 1965 Kip Wagner
- 1966 Scott Carpenter
- 1967 Stan Waterman
- 1968 Joseph MacInnis
- 1969 Al Giddings
- 1970 Melville Bell Grosvenor
- 1971 George Benjamin
- 1972 Paul Tzimoulis
- 1973 Smokey Roberts
- 1974 Jack McKenney
- 1975 David Doublet
- 1976 Luis Marden
- 1977 Rick Frehsee
- 1978 Eugenie Clark
- 1979 Sylvia Earle
- 1980 Robert Ballard
- 1981 Larry Emerson
- 1982 Elga Andersen
- 1983 Frank Scalli
- 1984 Don Stewart
- 1985 Walt Hendrick, Sr.
- 1986 Rusty Murray
- 1987 Argo/Jason Jr.
- 1988 Emory Kristof
- 1989 Stan Waterman
- 1990 John Stoneman
- 1991 Walt "Butch" Hendrick, Jr.
- 1992 Ruth Dixon Turner
- 1993 Dee Scarr
- 1994 Nick Caloyianis
- 1995 Bill Curtsinger
- 1996 Wes Pratt
- 1997 Bill Hamilton
- 1998 Frank Fennell
- 1999 Jordan Klein
- 2000 John Cronin
- 2001 Sam Raymond
- 2002 Peter Benchley
- 2003 Howard & Michele Hall
- 2004 The Boston Sea Rovers
- 2005 Mike DeGruy
- 2006 Phil Nuytten
- 2007 Ernie Brooks
- 2008 Bob Talbot
- 2009 Brian Skerry
- 2010 Wes Skiles
- 2011 Marty Klein
- 2012 Jill Heinerth
- 2013 Bob Boyle
- 2014 Greg Stone
- 2015 Rick Rosenthal

## 62<sup>nd</sup> Annual International Film Festival



### **Dr. Gregory Skomal**

Master of Ceremonies, Dr. Gregory Skomal's enthusiastic personality, vast knowledge of the underwater world and great sense of humor make him a repeat Master of Ceremonies for the Boston Sea Rovers legendary Film Festival. This year, Dr. Skomal is also being honored with the prestigious Walter Feinberg Diver of the Year Award. To read his full bio - turn to page 13 where you can read more about Dr. Skomal.



### **Bob Talbot**

Bob Talbot is a world-renowned marine photographer, award-winning filmmaker and dedicated environmentalist. Whether it be consulting for Ang Lee on the motion picture LIFE OF PI or battling whalers in court for Sea Shepherd, he brings to bear an eclectic range of skills to share the ocean with others and protect for it future generations. Talbot's iconic photographs were first published as fine art lithographs when he was in his early twenties and soon became the best selling line of marine artwork in the world. His images have also appeared in a wide range of publications from Time magazine to National Geographic.

Talbot began shooting motion picture footage with a wind up 16mm Bolex camera when he was 19. Since then his motion picture work has been featured in television productions that have taken him from Antarctica, with his childhood hero Jacques Cousteau, to the Arctic seal hunting grounds with Paul Watson—from the caverns of Grand Cayman with David Blaine to his beloved Monterey Bay for the BBC/PBS production of BIG BLUE LIVE. Talbot's feature film credits include FREE WILLY, FLIPPER, INTO THE BLUE and DOLPHIN TALE 2. He directed and photographed the award-winning IMAX film OCEANMEN –EXTREME DIVE and acted as a director and cinematographer for sequences in the Academy Award-nominated IMAX film, DOLPHINS. Talbot also specializes in creating, unique, highly immersive special venue media for clients that include: IMAX, California Academy of Sciences, Smithsonian, California Science Center, The National Aquarium and National Marine Sanctuaries.

For his advocacy work, Talbot has been presented with The Environmental Hero Award by Vice-President Al Gore, the prestigious SeaKeeper Award by HSH Prince Albert of Monaco and the Ark Trust Genesis Award. He has served on the boards of the American Ocean Campaign, Earth Communications Office and on the Board of Governors for Oceana. He served nearly a decade on the board of the Sea Shepherd Conservation Society and has been the Chairman of the Board of Trustees of the National Marine Sanctuary Foundation since 2008.

When asked why he is so passionate about ocean conservation, Talbot's answer is simple "The sea has given us life. It's time we returned the favor."



### **Tom Fitz**

Tom Fitz is a twice Emmy award-winning documentary cameraman whose work has been broadcast by PBS, BBC, National Geographic, Discovery, ABC, NHK, and others. His programs have also been displayed in museums and other nonbroadcast venues. Tom has 30 years of experience in natural history camera work, both topside and underwater. His shoots have taken him all over the world, from the high Canadian Arctic to Antarctica, with many locations between. In 2004 Tom began making his own films too, earning numerous awards, and in 2008 he cofounded Schoolyard Films, Inc. Schoolyard produces short natural history and environmental films for K-12 classes, accompanies them with study guides, and distributes to schools throughout the US for free, via iTunes and PBS. Currently Tom divides his time between freelance camerawork and running the daily activities at Schoolyard.



## **Cristian Dimitrius**

Cristian Dimitrius is a Brazilian Emmy Award Winning cinematographer, photographer, biologist and television presenter specializing in wildlife and natural history films around the world. On land or underwater, from ants to whales, Cristian's innovative cinematography and unorthodox camera techniques are helping revolutionize the way people see and perceive wildlife. Cristian pushes the boundaries of wildlife filmmaking with his amazing still images and stunning video sequences. His goal is always to bring an innovative approach, using the latest techniques, equipment and revolutionary creative resources to plunge the audience into the animal world.

After 10 years of commitment and dedication only to natural history filming he became one of the most experience cinematographers working in the Pantanal, Cerrado, Amazon and the other Brazilian Biomes. In addition to several film credits, Cristian has shot for the world's top television networks including the BBC, National Geographic, Discovery Channel, History Channel, Animal Planet & Globo TV. Cristian Dimitrius's life-long mission is to inspire people to fall in love with our planet through his images, arousing the desire for knowledge and conservation of the place we all can call home.

Cristian is also one of the presenters of the segment Domingão Aventura in Globo TV Sunday afternoon show Domingão do Faustão. His stories are acclaimed by the public and he has brought innovation with their ingenious cameras, bringing images never shown on Brazilian television. For this show he has filmed more than 50 stories in 8 years and presented 30 stories on this live tv show, including: Diving with Crocodiles in Africa, the Eagle Hunters from Mongolia, the Lion Man in South Africa and Hwange, The Bat Invasion in Texas, Polar Bears in Canada, Tiger Sharks in the Bahamas, a Swimming Elephant in India and many more. All these assignments add more experience and knowledge to his wildlife cinematographer, naturalist, presenter career.



## **Erick Higuera**

Erick Higuera was born and grew up in the south central part of Mexico, and he's always had a deep passion for the ocean and all of its inhabitants. In 1997 he moved to the Baja, where he earned a college degree in Marine Biology, while also obtaining scuba instructor ratings with SSI, TDI and PADI. As an instructor and crew member on board the live-aboard Solmar V, Erick has been in the unique position of being able to spend many months each year diving and exploring the waters of Guadalupe Island, the Sea of Cortes and the Revillagigedo's Islands, filming and photographing their sea creatures.

Since 2006 Erick has also been involved with research on the Pacific Giant Mantas from the Revillagigedo's Archipelago, better known as Socorro's Islands. He is passionate about sharing his experiences in the ocean and with increasing the awareness of the marine environment with everyone he meets. Most recently, after a year of hard work and dedication, he made the short film "Baja" to show and share with the world the amazing and beautiful creatures that inhabit the waters around the Baja, with the express purpose of increasing the awareness and importance of preserving all the marine life that is still there, and in particular those that are most threatened. He was most recently awarded the Stan Waterman Award for Excellence in Underwater Videography (by BTS) for his visually stunning film entitled Baja. In his own words, "It is imperative that we act quickly to protect marine species populations that still prevail before it's too late. There is still time to act, and it is our responsibility to do so, if we don't want these beauties disappear, and if we want our children to also get to know them." For this film festival, Erick will be digging through his huge catalog of images and video collected over the past fifteen years to put together a special presentation just for the Boston Sea Rovers.



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Join us after the Film Festival for our renowned  
***Meet the Speakers Party***

This is your opportunity to meet the speakers up close and personal, see the famous Sea Rovers dunking ceremony and dance until the wee hours of the morning. The party will be in the ballroom adjacent to the Film Festival presentation.

## Sunday Kids Day Activities | 10:00AM – 3:00PM

Sunday is Kids Day! Kids 12 and under are free at the Sea Rovers Show. Activities and presentations will be hosted on the second floor where the workshops are located. Please note that all children must be accompanied by an adult at all times.

### **Activities Include:**

10:00am-2pm Get Up Close and Personal with Sea Creature Touch Tanks courtesy of the New England Aquarium

12:30pm-3:00pm: Fossil Dig! Dig for real fossilized shark teeth. What kind will you find?

### **Kids Day Schedule:**

10AM - 10:30AM | Just How Smart is that Polar Bear? Come find out if you can learn like a polar bear or seal!

10:45AM - 11:15AM | Fun with Sharks: An Atlantic White Shark Conservancy Sharktivities Event

11:30AM - 12:00PM | New England Aquarium "Mystery Animal Guest"

12:00PM - 12:30PM | LUNCH

12:30PM - 1:00PM | Fun with Sharks: An Atlantic White Shark Conservancy Sharktivities Event

1:15PM - 1:45PM | CW Cephalopod's Philippines Muck Diving Adventure

*A fun family video about undersea animals, followed by your chance to talk to the filmmaker.*

2:00PM-2:30PM | Just How Smart is that Polar Bear? Can you learn as fast as a polar bear or seal? Come find out!



2015 Film Festival Participants (from left to right):  
Paul Cater Deaton, Nick Caloyianis, Dr. Greg Skomal, Clarita Berger,  
Rick Rosenthal, Michelle Hall, Howard Hall, Ethan Gordon

## 2016 Boston Sea Rovers Summer Intern

Now in its 12th year, the Sea Rovers' Summer Internship continues our mission to produce the next generation of diving leaders. Following the spring semester, the 2016 Intern will partner with members of the Boston Sea Rovers and associates located throughout the United States to experience a wide variety of jobs and career choices. Based in part on the personal interests of the Intern, the Internship will provide advanced dive training courses and ample opportunities to dive and train with a variety of dive professionals in a broad cross-section of diving environments. Opportunities can include hands-on work with professional under water photographers and filmmakers, educational specialists, marine engineers and scientists, equipment manufacturer's representatives, and dive shop owners.

In addition to the unique time spent with some of our most distinguished members, the Sea Rovers Intern will be outfitted with dive equipment (provided by Sea Rover Clinic corporate sponsors) for their use throughout the summer and will receive the necessary financial support to ensure travel and living expenses. To be considered for the Sea Rovers Summer Internship, the candidate must be a certified diver living in New England, a graduating high school senior, college freshman or sophomore, have outstanding scholastic grades and extra-curricular activities, and be committed to an underwater career. Applications for the 2017 Internship must be received by December 1, 2016 and are available on our website ([www.bostonsearovers.com](http://www.bostonsearovers.com)).



**Last year's intern, Brendan Sullivan, with Rover Vin Malkoski at the 13th biannual International Submarine Races (ISR) held at the NSWC Carderock facility in Bethesda, Maryland**

### *James Allan*

The Sea Rovers proudly announce that James Allan of Marblehead, MA is the 2016 Boston Sea Rovers Annual Summer Intern. James is attending Buckingham, Browne & Nichols School, with a GPA of 3.8. His primary underwater interests are marine research, underwater photography and videography and he is an avid diver, holding Advanced and Rescue certifications. James is a three-sport varsity athlete – baseball, football, and squash – and served as a Senior Prefect. Outside of school, James formed an Ocean Conservation Club, serves as an Intern at the New England Aquarium, and served as the president of the Best Buddies Program in Cambridge, MA. He has also participated in survey and conservation projects with Project REEF.



## Saturday – Daytime Seminar Schedule 2016

	<b>Gimbel Room</b>	<b>Cousteau Room</b>	<b>Doc Edgerton Room</b>
Room Chair	Woody Tinsley	Paul Cater Deaton	George Buckley
Room Topic	<b>Photo/Video</b>	<b>Sharks</b>	<b>Conservation</b>
9:00 am - 9:45 am	<b>Peter Venoutsos</b> <i>Photographing Shipwrecks</i>	<b>Michel Labrecque &amp; Julie Ouimet</b> <i>Clipperton: The Most Isolated Atoll</i>	<b>Eric Heupel</b> <i>REEF: We'll Make a Fish Geek Out of You!</i>
10:00 am - 10:45 am	<b>Ryan King</b> <i>Photography At the Limits: Tips for Technical Diving Photography</i>	<b>Joe Romeiro</b> <i>Sharks On Film</i>	<b>Amy Giannotti</b> <i>Florida: The Front Line in the Exotic Species Battle</i>
11:00 am - 11:45 am	<b>Charles Mazel</b> <i>Updates on the Science and Technology of Fluorescence in the Sea</i>	<b>Gregory Skomal</b> <i>Wayne's World: A Bird's-eye View of Sharks &amp; other Amazing Sea Creatures</i>	<b>Priscilla Brooks, Evan Kovacs &amp; Jon Whitman</b> <i>Cashes Ledge: Yellowstone of the North Atlantic</i>
<i>Be sure to visit all of the exhibitors and exhibits during the lunch break.</i>			
Room Chair	Paul Leonard	Rick Simon	Nancy McGee
Room Topic	<b>Travel</b>	<b>Exploration &amp; Shipwrecks</b>	<b>Tails, Toys &amp; Training</b>
1:00 pm - 1:45 pm	<b>Jim &amp; Pat Stayer</b> <i>Incredible Critters of Verde Passage</i>	<b>Terry Dwyer</b> <i>Shipwreck School</i>	<b>Erick Higuera</b> <i>Blue Water Giants of Baja onboard the Solmar V</i>
2:00 pm - 2:45 pm	<b>Rick Stanley</b> <i>Cold Water Diving: Icebergs, Whales &amp; WWII Shipwrecks</i>	<b>Mike Boring</b> <i>The Battle of Jutland – 100 Year Anniversary</i>	<b>Jonathan Bird</b> <i>Diving with NASA</i>
3:00 pm - 3:45 pm	<b>Lynn Funkhouser</b> <i>7 Diverse Areas of the Philippines</i>	<b>Evan Kovacs</b> <i>The Antikythera Project</i>	<b>Pete Narwrocky</b> <i>It's All About the Toy's</i>
4:00 pm - 4:45 pm	<b>Michael Salvatorezza, Christopher Weaver</b> <i>Norway: Diving in the Land of the Vikings</i>	<b>Dr. E. Lee Spence</b> <i>Great White Hurricane of 1888</i>	<b>Andrea Zaferes</b> <i>Diver Gear: Friend or Foe</i>

## Sunday – Daytime Seminar Schedule 2016

	<b>Gimbel Room</b>	<b>Cousteau Room</b>	<b>Doc Edgerton Room</b>
Room Chair	Kim Malkoski	Megan Cook	Mark Dixon
Room Topic	<b>Travel</b>	<b>Education</b>	<b>Potpourri</b>
9:30 am - 10:15 am	<b>Jenny Collister</b> <i>Traveling Divers Bucket List</i>	<b>Patrick Foley</b> <i>Public Safety Diving: Adapting to New Technology</i>	<b>Debra Greenhalgh Lubas &amp; Steve Lubas</b> <i>Operation Hailstone at Truk Lagoon – From Destruction to Life</i>
10:30 am - 11:15 am	<b>Andrew Martinez</b> <i>Ambon: Critter Paradise</i>	<b>Nancy McGee</b> <i>Ms. Exosuit</i>	<b>Ethan Gordon</b> <i>Photographing Socorro</i>
11:30 am - 12:15 am	<b>Paul Cater Deaton</b> <i>Dawn of the Muck Monsters</i>	<b>Neal Pollock</b> <i>Defensive Dive Profile Planning</i>	<b>Tony Gramer</b> <i>Doomed for Disaster: Loss of the Schooner William Young</i>
<i>Be sure to visit all of the exhibitors and exhibits during the lunch break.</i>			
Room Chair	Michel Labrecque & Julie Ouimet	Bill VanderClock	Vin Malkoski
Room Topic	<b>Explore your own Backyard</b>	<b>Move, Wreck &amp; Protect</b>	<b>Conservation</b>
1:00 pm - 1:45 pm	<b>Jerry Shine</b> <i>Dive Canada, Eh</i>	<b>“Butch” Walt Hendrick</b> <i>Ultimate Underwater Movement</i>	<b>George Buckley</b> <i>Bonaire: Managing Paradise</i>
2:00 pm - 2:45 pm	<b>Neal Pollock</b> <i>Advancement and Challenges in Rebreather Diving</i>	<b>Thomas Easop</b> <i>The Searchlight – An Obscure Weapon At Sea During World War One</i>	<b>Ted Maney</b> <i>Bivalves to the Rescue! From Sustainable Aquaculture to Bioremediation</i>
3:00 pm - 3:45 pm	<b>Zachariah Whalen</b> <i>Shore diving Maine</i>	<b>Angela Smith</b> <i>Expedition Tiger: A Quest to Protect the Ocean’s Tigers</i>	<b>Brendan Sullivan</b> <i>Boston Sea Rovers Intern Update</i>

Note that participants scheduled to speak at any Sea Rovers Clinic event are subject to last minute travel and work emergencies inherent when pushing the boundaries of filmmaking, exploration and discovery. Please understand that the participant list is subject to change at last moment.



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## Daytime Speaker Bios & Seminar Descriptions

**Jonathan Bird** is an Emmy award-winning director/cinematographer specializing in underwater production.

*Diving with NASA* – It might be hard to imagine an exhilarating dive in a swimming pool—but this is no ordinary swimming pool! The Neutral Buoyancy Lab (NBL) at NASA's Johnson Space Center in Houston is 1/3 the size of a football field and 40 feet deep. Within it: a full-sized mock-up of the International Space Station. Here they train astronauts how to “space walk” and scuba divers are a huge part of the training and safety team. Jonathan Bird is one of a small group of outsiders that have been allowed to dive in the NBL. In this fascinating presentation, Jonathan will share what it is like to dive the NBL, and how the astronauts are trained, using a combination of video and still photography.

**Mike Boring's** fascination with shipwrecks began on his first dive off of the New Jersey coast in 1971. Since then he has enjoyed exploring and photographing shipwrecks from the warm waters of the South Pacific to the freezing waters of the Baltic Sea and Norwegian Fjords. Mike was a member of the team that recovered the bell from the Italian liner Andrea Doria in 1985.

*The Battle of Jutland – 100 Year Anniversary* – The Battle of Jutland: Explore the history, shipwrecks, and aftermath of the historic World War One naval battle between the British Grand Fleet and German High Seas Fleet that left twenty-five warships lying on the bottom of the North Sea and more than 8,000 men dead.

**Priscilla Brooks** is Vice President and Director of Ocean Conservation at Conservation Law Foundation (CLF). Founded in 1966, CLF protects New England's environment for the benefit of all people using the law, science and the market to create solutions that preserve our natural resources, build healthy communities, and sustain a vibrant economy.

**Dr. Jon Witman** is a professor of biology at Brown University. He has studied the ecology of subtidal marine communities for over 30 years. Dr. Witman led the first ecological study of overfishing in the Gulf of Maine. He has published numerous peer-reviewed papers and book chapters on the invertebrate and fish communities that thrive on the rocky seafloor at Cashes Ledge, and he has also studied the internal waves that support primary productivity in the area. He is committed to protecting the ecological and scientific value of this unique marine habitat.

*Cashes Ledge: The Yellowstone of the North Atlantic* – This underwater mountain range, 80 miles off the coast of Cape Ann, Massachusetts, is difficult to get to and even harder to dive, but when you do, it's worth it. Boasting the largest cold water kelp forest along the Atlantic seaboard, Cashes Ledge is a biodiversity hotspot and a safe haven for rare and unique species. As such, CLF is presently engaged in a campaign to designate Cashes Ledge as a Marine National Monument. Dive in with us as we share stunning footage from a recent expedition, as well as new scientific research, and see for yourself why this place is worth protecting.

**George Buckley** is the Chairman of Bonaire's Accolade Foundation and Director of the Marine Ecology Project. He is the Assistant Director of the Sustainability and Environmental Management Program at Harvard University and has led over twenty Earthwatch Expeditions and dozens of field programs for high school and college students studying marine life. His awards include the 'Palme d'Or' for his recent coral reef film, the EPA's Lifetime Achievement Award as well as the BTS Diver of the Year. He also serves on the Boards of Directors and Advisers for several environmental organizations including the Boston Sea Rovers.

*Bonaire: Managing Paradise* – Join George Buckley as he screens his latest film and leads a discussion documenting forty years of environmental field work and research on sustainability and environmental management projects on the island of Bonaire in the Dutch Caribbean. Bonaire in many ways is to reef and land conservation what Greenwich is to time. He arrived in Bonaire to dive and study land snails (!) shortly after Captain Don Stewart founded Habitat and the rest as they say is history

**Jenny Collister** has worked in the travel industry for 28 years after obtaining her degree in Travel & Tourism. Her interest in diving began in the frigid Canadian waters near Edmonton in 1988. Since, she has dived and traveled the world. Her passion for travel began at a young age watching her father on the “telly” as a CBC foreign correspondent in far off lands and listening to stories of his travels. After years of travel and a year long stint in Indonesia she decided to spread her knowledge with scuba divers worldwide.

*Traveling Divers Bucket List* – Every diver has a bucket list of marine life that they must see. Journey around the world to the top 6 on most diver bucket lists. The trip will take you to the best places to snorkel with whale sharks, dive with schooling hammerheads, explore WWII Wreck Diving and photograph the cool critters that live in the muck. Included in her presentation are some bucket list land additions to your dive trip. Is Machu Picchu on your list?

**Terry Dwyer** has been working in the Canadian diving industry for the past 35 years. In 1994 he founded the Nova Scotia Scuba Association. In 1995 his diving company was selected by James Cameron to provide the Diving Support Services for the motion picture Titanic, parts of which were filmed in Nova Scotia. He has since worked on every Hollywood movie filmed in Nova Scotia. He is a member of the prestigious Explorers Club and is currently working on several exciting shipwreck projects, including a new TV series based on his books. (Some will be available at the show.) Today, he and his wife Suzie operate Wreck Hunter Incorporated.

*Shipwreck School* – Learn about the latest in cutting edge technology, techniques and tools used to locate shipwrecks. Side scan sonar, ROV's, Marine Magnetometers, underwater metal detectors, drop camera systems and more.



**Paul Cater Deaton** - In a water trough on a Texas cattle ranch in 1959, a little cowboy learned how to clear a mask after watching an episode of Sea Hunt on TV. Today, having filmed on six continents over a 36-year career, Paul Cater Deaton is a world-renowned Writer, Producer, Director and Cinematographer.

*Dawn of the Muck Monsters* – The island of Negros, in the southern Philippines, is named for the black, volcanic sand that surrounds it. Diving day and night in this undersea savannah, Paul Cater Deaton finds unlikely habitats that are home to multitudes of bizarre creatures. Surprises lurk around every dark corner of the black sands.

**Tom Easop** is a commercial/industrial photographer. Educated at Brooks Institute of Photographic Art and Science in Santa Barbara, California, he earned a Bachelors of Arts Degree in Color Technology with a minor in Industrial Imaging. He has operated his own commercial studio in California and now in New England since 1986. Underwater editorial clients include Sport Diver Magazine, Dive Magazine, Friedman Publishing Group. He is a subject matter expert on the Imperial High Seas Fleet wrecks of Scapa Flow.

*The Searchlight – An Obscure Weapon At Sea During World War One* – The searchlight was an integral part of night-time naval fighting during World War One. The Imperial German High Seas fleet developed special tactics and technologies to exploit its use. Although not used during the Battle of Jutland, the High Seas Fleet extensively trained in their unique use. The remains of their use and technology can be found on the remaining wrecks of the Fleet scuttled in Scapa Flow, and the 'foul grounds' – sites where shipwrecks once were but have been salvaged.

### **Patrick Foley**

*Public Safety Diving 'Adapting to New Technology'* – The Mass. State Police Underwater Recovery Team will discuss the changes in operational procedures and the advantages of new technology available to public safety search and recovery teams. How new technologies affect search techniques, crime scene investigation, and underwater documentation will be addressed.

**Lynn Funkhouser**, a member of the inaugural Women Divers Hall of Fame, is an internationally published photographer, author, lecturer, adventuress, and dive travel leader. An expert on Philippine diving, she has dived there 2 months per year, every year since 1975 and has explored 260 islands. She was Diver of the Year 2014 for Arts at Beneath the Sea.

*7 Diverse Areas of the Philippines* – Puerto Galera to Anilao, the Verde Island passage, is declared by scientists from the California Academy of Sciences to be the "Center of the Center of Marine Diversity." Photos of CAS at work in PG included. Tubbataha, 1st UNESCO World Heritage Marine Park site, is noted for big animals & great visibility. Dumaguete and Apo Island are prime examples of Marine Protected Areas. Oslo has guaranteed whale sharks. Dive with Oceanic Thresher Sharks being cleaned every morning in Malapascua.

**Amy Giannotti** is a marine ecologist and serves as the president of the Cambrian Foundation, Inc. She has extensive experience in freshwater and marine environments, including underwater caves and problems with invasive species. Amy has a B.S. in biology and a M.S. in environmental sciences from the University of Virginia.

*Florida: The front line in the exotic species battle* – Florida is the front line in the war on exotic aquatic species in the United States. Rapid population growth and international trade has made this state an entry point for many unwanted guests. These unwanted pests cause environmental and economic damage, and some are a threat to human health and safety.

**Ethan Gordon** has worked as a photojournalist in the dive industry since 1996. His photography and writing have appeared internationally in numerous magazines and books, including: National Geographic Adventure, Outside, Field & Stream, Outdoor Life, Sport Diver, Scuba Diving, Skin Diver, Fathoms, Saltwater Sportsman, and Sport Fishing to name a few. He has been a long-time member and is the current President of Boston Sea Rovers.

*Socorro* – Join Ethan for a spectacular look at the giant mantas of the Revillagigedo Archipelago, also known as Socorro, and learn how to shoot big animals in blue water at the same time. This presentation will be part travel log, part eye candy, and part photographer's how-to.

**Tony Gramer** has been diving since 1977 and is a certified PADI Divemaster. He is the president of Silent World Information Masters, Inc. (SWIM). He is presently on the Board and Divemaster of Dossins Museum in Detroit, Michigan. His images have taken best in show and first place in photo contests throughout the United States and beyond. He has contributed to Skin Diver magazine, Dive Boat Calendar & Travel magazine and many other publications. His main interest is photography/videography, researching and diving shipwreck schooners and brigs. He has filmed four programs for "Every Thing Great Lakes" and "So Far, Safari" on CMNTV.

*Doomed for Disaster 'Loss of the Schooner William Young'* – The 139-foot schooner William Young was built in 1863 at Madison Dock, Ohio. Late in September 1891 she left Buffalo in tow of the propeller Nashua, bound for Racine, Wisconsin with 600 tons of coal. A howling gale erupted on September 28th and on October 5, 1891, after a long battle with the gale; the William Young went down in the Straits of Mackinac. This 27 minute Blu-Ray HD video program is synchronized to music and employs live narration.

**“Butch” Walt Hendrick** has been training public safety divers, sport divers, and rescue personnel for over 45 years in over 15 countries. He is a major innovator and contributor to the water rescue industry. He is one of the most important fathers of diver safety education, always striving for increased safety standards.

*Ultimate Underwater Movement* – Watch most divers scramble through the water and then watch fish. Which would you rather look like? This talk will help divers learn how to move as effortlessly and gracefully as marine animals. Learn how to use your foot fins, as fish use their pectoral fins to move water across their bodies, in order to move sideways, backwards and any direction in still or moving water. Butch will teach you how to rotate 360 degrees in any direction, change your posture, and change your position in the water column with nearly invisible actions such as simply tensing and relaxing different muscle groups, a twitch of a fin gently tapping your tank, or gently using a forearm to shift the location of air in your BCD.

**Eric Heupel** is a PhD candidate in Oceanography at University of Connecticut Avery Point. He dives for both research and fun.

*REEF: We'll Make a Fish Geek Out of You!* – Want to give more purpose and fun to your diving? We'll show you how to monitor marine life and submit your data to the largest online marine life sightings database in the world. Surveying is easy and can be done anytime, anywhere, year-round. Come find out how it works and why divers love it!

**Erick Higuera** - See Film Festival Page.

*Blue Water Giants of Baja onboard the Solmar V* – Erick has spent years swimming with great white sharks, humpback whales, giant manta rays, dolphins, and schools of hammerheads sharks in the remote waters off Baja California, Mexico. He will share his greatest moments swimming with these giants of Baja and also give us a look at the life of a filmmaker and conservationist onboard the Solmar V who has dedicated his life to the sea.

**Ryan King** - For over 20 years Ryan has been diving, teaching, and photographing marine life and wrecks from Canada to the Caribbean. He has a passion for helping others enjoy and appreciate the underwater the world.

*Photography At the Limits: Tips for Technical Diving Photography* – Caves, wrecks, deep reefs all present amazing opportunities and unique challenges for photographers & videographers. Conditions are rarely ideal, communication is difficult and mistakes can be costly. But with a bit of prior planning, the right equipment, and some creative composition you can still make that shot no matter what nature throws your way.

**Evan Kovacs** works with the Advanced Imaging and Visualization Lab at Woods Hole Oceanographic Institution where he has been involved in and led numerous expeditions utilizing remotely operated vehicles (“ROVs”), submersibles and technical diving to survey and film everything from the R.M.S. Titanic to deep sea hydrothermal vents to underwater mountains off the New England coast. Evan also owns and operates Marine Imaging Technologies, LLC, a company that specializes in imaging the underwater world for documentary, science, and survey purposes and he has worked in the marine environment for nearly two decades as an underwater director of photography, camera engineer and technical diver. *He is also presenting with Priscilla Brook on Cashes ledge.*

*The Antikythera Project* – A look at the history, discovery and exploration of the Antikythera shipwreck from 1900 until today. This is ship wreck that started marine archaeology, uncovered what is considered to be the greatest treasure trove ever from antiquity and the discovery of an ancient computer – or mechanism – that changed our view of antiquity and the Greeks over night.

**Michel Labrecque & Julie Ouimet** - Michel is an underwater photographer, Julie specializes in video. Previously, they owned an award-winning PADI 5-Star Instructor Development Center in Quebec. They have devoted the last ten years to teaching recreational and technical diving and leading expeditions worldwide. Their passion for sharks has brought them to far and remote places and allowed them to take part in exclusive expeditions. Both Julie and Michel have been published in both dive and non-diving publications. Their images have been published internationally.

*Clipperton: Unlocking the Mysteries of the Most Isolated Atoll* – Remote and isolated, uninhabited and forbidden, will Clipperton reveal its secrets? Under special authorization from the French Government, we bring you an account of the scientific mission to track the migratory pattern of sharks as well as document the surrounding reef. Will the Big Migrations Expedition confirm Clipperton's link to iconic sharks sanctuaries such as Malpelo, Cocos, Galapagos and Socorro?

**Debra Greenhalgh Lubas and Steve Lubas** - Debra is the founder of Scuba Made Easy and Divers for Hope. She is a NAUI Course Director/Technical Instructor and member/board member of the Woman Divers Hall of Fame. She is also a member of the National Assoc. of Underwater Instructors, Handicap Scuba Assoc International Instructors, and Underwater Videographers.

*Operation Hailstone at Truk Lagoon – From Destruction to Life* – Among today's exquisite beauty and underwater life of Micronesia, experience the WWII shipwreck reefs of Truk Lagoon. The 70th Anniversary Tribute of Operation Hailstone (1944) provides a historical account of the US wartime battle against Japanese forces that resulted in destruction of a combined 220,000 tons of Japanese ships, over 250 Japanese aircraft and 25 US aircraft. Historical video and photos of this event will be highlighted as well as current underwater videography featuring the ghosts as they lay at home beneath the sea. Living among the Japanese shipwreck cargo of destruction (bombs, torpedoes, tanks, personal remains and more), underwater sea life thrives in tranquil turquoise waters.

**Bart Malone** - A diver for over 55 years and an avid shipwreck diver for 42, Bart is also the former Curator and board member at The Museum of New Jersey Maritime History in Beach Haven, NJ. He also speaks on behalf of The Cape May Maritime Museum and Learning Center. His dive travel has included the East Coast of the United States, England, Nova Scotia, Orkney.

*Great White Hurricane of 1888* – Learn about the “Great White Hurricane of 1888” that swept up the East Coast and caused much lost life and property. Find out about its origin and how destructive it was to shipping on the Atlantic and the lives of those from Virginia north to Canada.

**Ted Maney** is a biology instructor and underwater researcher with Salem State University.

*Bivalves to the Rescue! From Sustainable Aquaculture, to Bioremediation* – Researchers at the Salem State University Cat Cove Marine Lab have been exploring the potential for longline mussel aquaculture in offshore waters off New England. In January 2015, they received a permit for a commercial scale farm 8.5 miles off Cape Ann and will report on potential benefits of this activity.

**Andrew Martinez** specializes in images of the natural world. He has traveled and photographed in many of the world’s beautiful tropical islands. As a lifelong resident of New England he has compiled one of the largest collection of images of marine life behavior from New England and Eastern Canada. His book *Marine Life of the North Atlantic* is considered a must have for NE divers.

*Ambon: Critter Paradise* –Join Andy to see why Maluku Divers boasts “Critters Without Crowds”. From cryptic stonefish, and rhinopias to an endless variety of colorful nudibranchs. Ambon is a muck diving paradise and underwater photographer’s dream.

**Charles Mazel, PhD**, has been a pioneer in underwater fluorescence exploration and equipment development. He has participated in numerous expeditions to study the spectral properties of marine organisms, including dives in manned submersibles to 3,000. Through his company NIGHTSEA he has made the equipment for viewing and imaging fluorescence available to sport divers, professional photographers, and marine scientists worldwide.

*Updates on the Science and Technology of Fluorescence in the Sea* – Diving at night with special lights to see fluorescence is becoming increasingly popular. Dr. Charles Mazel, the pioneer of the modern era of fluorescence diving, will present an update on the technology to see and image fluorescence and on the science, both known and unknown, behind the images.

**Nancy McGee** has lived a life of adventure and diversity. The Explorers Club recognized her with a Fellowship for her explorations. Explorers Club Fellowship is the highest tier of explorers and reserved for those who have distinguished themselves by directly contributing to scientific knowledge in the field of geographical exploration. She produces, edits and films her own documentaries with a unique historical spin on culture and the marine ecosystem. Her credits include NBC, Universal Studios and Discovery. She is a frequent contributor to dive journals and is a featured speaker for national and international shows, film festivals and schools.

*Ms. Exosuit* – Part submarine, part exo-skeletal armor, the Exosuit functions at 1000 feet of salt water at 1 atmosphere of pressure. Designed for both commercial diving and scientific research, the Exosuit will open new avenues for ocean exploration as state of the art technology meets all-powerful Mother Nature. Entombed in this aluminum wearable submarine, Nancy McGee becomes the first woman, and one of a handful of people, to pilot Exosuit. Join Nancy as she test pilots Exosuit in its first ocean-going trials.

**Pete Nawrocky** began his diving career in 1971 in Long Island, NY. Pete has spent his career diving, exploring and photographing a multitude of environments and enjoys local diving the best. He is a recipient of the Beneath the Sea Diver of the Year, NAUI contribution to Sport Diving award, SSI Platinum Pro and the 2014 Outstanding Contribution to the Diving industry.

*It’s All about the Toys* – Diving equipment has changed dramatically in the last 20 years. The cave/technical diving communities have greatly influenced the wreck, travel and sport diver. New technology and techniques have allowed divers to explore and remain longer underwater than ever before. This presentation is a view of origin and development.

**Janna Nichols** is the Outreach Coordinator for REEF, Reef Environmental Education Foundation, and a cold water diver from the Pacific NW. She’s been a PADI scuba instructor, AAUS Scientific diver, and her underwater photography appears in many books and publications. She was chosen as Dive News Network’s 2013 Diver of the Year.

*REEF: We’ll Make a Fish Geek Out of You!* – Want to give more purpose and fun to your diving? We’ll show you how to monitor marine life and submit your data to the largest online marine life sightings database in the world. Surveying is easy and can be done anytime, anywhere, year-round. Come find out how it works and why divers love it!

**Neal Pollock, PhD** is a Research Director at Divers Alert Network and a Research Associate in the Center for Hyperbaric Medicine and Environmental Physiology at Duke University Medical Center. His training is in zoology, exercise physiology and environmental physiology. His research interests focus on human health and safety in extreme environments. He is involved in projects of flying after diving, breath-hold safety, astronaut decompression and ultrasonic assessment of decompression-induced bubbles.

*Defensive Dive Profile Planning* – Dive planning is often taught simply: step A takes you to step B, etc. This presentation will consider dive planning by reviewing electronic dive profiles that end with and without incident. Focusing on the relationship between actions and outcomes and providing options to increase profile safety should promote more thoughtful dive planning.

**Joe Romeiro** - Growing up in and around the water, Joe Romeiro developed a love for the ocean, and especially sharks, at a young age. Joe founded 333 Productions in 2007 with fellow producer and shark conservationist Bill Fisher. Since then, they have produced several award-winning films, including *Silent Requiem*, *Death of A Deity*, *A Lateral Line* and *Shark Culture*. They have received numerous awards for their work including the prestigious Blue Ocean Film Fest's Emerging Underwater Filmmaker Award, Ocean Geographic's Award for Conservation Excellence and Wildlife Conservation Film Festivals Award for Education. They have worked with BBC, Discovery, SHARKWEEK, National Geographic, Good Morning America, USA Today, Fox, WGN and MSNBC.

*Sharks On Film* – Professional Underwater Cinematographer Joe Romeiro will review the methods and techniques used to film his favorite sharks. He'll discuss the different behaviors of various species, and how it applies to capturing new and exciting imagery. Joe will share footage of some of his favorite dives, including some exciting new shark encounters at night.

**Michael Salvatore & Christopher Weaver** have been diving the waters of the world since 1978. In that time, they have spent hundreds of hours underwater and have accumulated a large and varied library of photographic images. They have presented previously at Beneath the Sea, Boston Sea Rovers, Our World Underwater and the Long Island Divers Association Film Festival. Mike and Chris have been published in numerous magazines, including National Geographic Adventure, and have authored many articles for the majority of dive publications. Their work has also been used to support a number of research and educational programs, including the Jason Project for Education, the Atlantis Marine World Aquarium in New York and the Cambridge University and the University of Groningen Arctic Centre work on monitoring the transformation of historic features in Antarctica and Svalbard.

*Norway: Diving in the Land of the Vikings* – Journey north to the fabulous fjords of Norway, exploring pristine cold water environments, mysterious shipwrecks and remote river systems to unlock the underwater secrets of the land of the Vikings. Join Eco-Photo Explorers as they search for the rarely seen Chimera fish along dramatic walls, photograph breath-taking salmon in their quest for inland spawning grounds and explore the sunken maritime history of this northern paradise.

**Jerry Shine** is the author of *A Shore Diving Guide To New England and Nudibranchs of the Northeast*. His writing and photography have also appeared in more than 100 publications worldwide, including Audubon, Wired, and National Geographic Adventure.

*Dive Canada, Eh* – Some of the best diving on the east coast can be found just north of the border, with fish and invertebrate life that are off the charts. So don't be a hoser (it's a Canadian thing) and join Jerry Shine for a look at three of Canada's best – Deer Island, Escoumins and the Saguenay.

**Dr. Gregory Skomal** - See Diver of the Year page

*Wayne's World: A Bird's Eye View of Sharks and other Amazing Sea Creatures* – For more than 40 years, Wayne Davis has been a fish spotter and aerial photographer working with fishermen, researchers, and filmmakers. In doing so, he has pushed the limits of his single engine plane to capture some of the most amazing images of sharks and other marine creatures. This presentation couples marine science with aerial photography to showcase the natural history and incredible beauty of New England's charismatic megafauna.

**Angela Smith**, founder of eco-adventure company Shark Team One, is an award-winning marine conservationist, underwater photographer, writer, video producer and development executive. Angela also works with organizations such as WildAid, Mission Blue and is a team member representing non-governmental organizations for Southeast Florida Coral Reef Initiative (SEFCRI), a National Action Plan by the United States Coral Reef Task Force (USCRTF). Angela is an Associate member of Women Divers Hall of Fame and is honored to be a member of Ocean Artists Society.

*Expedition Tiger: A Quest to Protect the Ocean's Tigers* – Tiger sharks have been called the garbage cans of the sea, man-eaters and have been virtually wiped out by long line and trawl fishing. Investigate what makes this large predator tick and follow a recent Shark Team One conservation expedition that is working to bring awareness to this misunderstood shark species.

**Rick Stanley** is a multi award winning owner of a PADI 5 Star, National Geographic facility and adventure resort in Conception Bay South, Newfoundland Canada. While operating this successful business, Rick, wanting to give something back, has taken on the dual role of ocean conservationist and shipwreck protection advocate, ensuring that both marine life and underwater heritage sites are protected for future generations to enjoy so we can "Dive into History"!

*Cold Water Diving: Icebergs, Whales and WWII Shipwrecks* – Each spring 10,000 year old majestic Ice Castles drift from the high arctic and humpback whales return in abundance to feed on massive schools of capelin. Further beneath the surface are well preserved wrecks of WWII iron ore carriers sunk by German submarines. Three bucket list cold water experiences...one destination!

**Jim & Pat Stayer** are explorers and well-known underwater filmmakers dedicated to sharing remote dive destinations to audiences across North America. They have co-authored 3 books, produced 30 DVDs and won several awards. The couple were underwater cameramen for History Channel and their footage has appeared on several major networks worldwide.

*Incredible Critters of Verde Passage* – Verde Passage is one of the Philippines best diving destination with its strange and bizarre creatures. There are hundreds of exotic nudibranchs, frogfish and cephalopods including the brilliantly color flamboyant cuttlefish hunting and the coconut octopus's funny antics. Witness clownfish, sea mantis, crabs and cuttlefish all caring for their eggs.

**Brendan Sullivan** 2015 Boston Sea Rovers Intern

*Boston Sea Rovers Intern Update*

**Peter Venoutsos** has been a certified diver since 1976 and a commercial diver since 1983. His experience includes working with private underwater engineering firms, the Federal Government and the US Navy. He is an active member of the Connecticut Underwater Archeology Committee and his interests include underwater photography, shipwrecks & cave diving. He is the founder of American Scuba Adventures a underwater video company with the goal of promoting diving in the United States and around the world.

*Photographing Shipwrecks* – Are you a wreck diver? Would you like get the best possible photos of your favorite dive sites? We will cover composition, lighting artificial and natural. We will discuss using your dive buddies as models to add depth to your images, and cover different ways to communicate your photographic vision to your dive buddies (models) during your dive.

**Zachariah Whalen** is a professional underwater photographer and dive instructor. He is passionate about the sea and believes that to understand the marine world one needs to observe creatures in their own habitat. Zach has a particular affinity for cold water, caves and other environments where most divers don't go. Zach's photos convey the stunning variety of life beneath the sea, from the dragon-like sea raven to the lightless world of deep water caves. He is concerned about the health of the oceans and using photography to help raise awareness of the importance of marine ecology. He feels most alive when he is diving and finding new places where no one else has ever been.

*Shore Diving Maine* – The cold water of Maine seems to keep most people away, but it dose not need to, there are some many wonderful shore diving sites in the state that make great day trips or part of a longer trip. This presentation will highlight in photos and video what Maine has to offer.

**Andrea Zaferes** – With 30 years teaching thousands of sport, public safety, and military divers worldwide, Andrea is VP of TeamLGS, is a noted author, public speaker, medicolegal death investigator, WDHOFF charter member, and award winner for contributions to diver safety and education (e.g. DAN Rolex and Beneath the Sea Awards).

*Diver Gear: Friend or Foe* – Sometimes we have to ask if dive gear designers actually dive. Other times we wonder how instructors and sales people can let divers wear gear that they haven't been trained to properly don or use. Then there are just the more subtle issues of making one's gear trim to decrease entanglement risks, coral damage, and air consumption and how to improve underwater movement skills. Learn how to ask useful gear questions, how to wear your dive gear more safely and effectively, and how to don and doff it in a way that practices self-rescue skills.

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## Boston Sea Rovers Art Exhibit: 2015 Ocean Art Contest Winners

This year, we are pleased to host winners of the 2015 Bow Seat Ocean Awareness Student Art Contest. The Bow Seat Ocean Awareness Programs seek to inspire and empower the next generation of ocean caretakers by challenging them to combine art, science, and ocean advocacy.

This exhibit showcases the work of some of the talented teens who want to use their creative skills to give a voice to our oceans.



*Image by Joyce Wang*

Each year the contest is open to middle and high school students from around the world who submit works in four categories – Art, Poetry, Prose, and Film. In 2015 the Contest received nearly 1,100 entries from 43 states and 34 countries, and awarded over \$83,000 in scholarships to 180 students, teachers, and their schools. In each of the past 5 years of the contest, the number of contest submissions has tripled or quadrupled in size, a result of the positive-feedback inherent in a program focused on outreach, awareness, and creative education. The Bow Seat is confident that the marine debris education programs, arts outreach, and the Contest will spread the work of these amazing teens around the world!

The 2016 Contest deadline is Monday, June 13.  
For more information on how to submit entries for 2016  
visit [www.fromthebowseat.org](http://www.fromthebowseat.org).



Free Seashell Exhibition  
presented by the **Boston Malacological Club**

***COME LEARN ABOUT THE FASCINATING WORLD  
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Members will be displaying worldwide shells, shell books, and shell related art  
There will be educational endeavors for all ages

**Bring** a shell for our expert conchologists to ID  
**Learn** about habitat, ecology and varieties of shells  
**Make** an origami shell

This exhibition will be open Sat. March 5, 9-5 and Sun. March 6, 9-3  
on the 2<sup>nd</sup> floor of the Doubletree by Hilton Hotel as part of the Boston  
Sea Rovers Annual Clinic for 2016

We hope you will come visit and learn about shells and  
The Boston Malacological Club, founded in 1910 to promote the study of  
marine, freshwater, and land mollusks

for club information go to <http://bostonmalclub.org>  
or contact [valeriegould22@hotmail.com](mailto:valeriegould22@hotmail.com)

## Solid Brass Sponsors

The following Sea Rovers and friends have made a donation to help our organization bring you this program guide and in support of the Sea Rovers' mission: Education, Conservation and Exploration of the Underwater World.

**George Buckley**

In Honor of James "Buzz" Milligan

**Valerie E. Gould**

In Honor of Jack Chalk

**Christopher Meyfarth**

If you'd like to help support the Sea Rovers mission, go to [www.bostonsearovers.com/donate/](http://www.bostonsearovers.com/donate/)



## Save the Date!

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# 2016 Workshop Schedule

Find full details and descriptions online at: [bostonsearovers.com](http://bostonsearovers.com) and get room locations from signage at the show.

## Friday:

8AM - 5:30PM | PSI – PCI Visual Inspection & Hazmat Training  
1PM - 4PM | Rebreather Demo

## Saturday:

8AM - 10AM | PSI – PCI Visual Cylinder Update  
8AM - 10AM | Underwater Vehicle Operations  
8AM - 5PM | Sherwood Regulator Service Clinic  
9AM - 12PM | The Rise of the Citizen Scientist: Opportunities for Recreational Divers  
9AM - 12PM | Advanced Fundamentals for Underwater Photographers  
9AM - 5PM | Seashell Exhibition (Free)  
10AM - 12PM | PSI – PCI Valve Repair Technician  
10:10AM - 12:10PM | Moving Water Search Operations  
12:40PM - 2:40PM | Self Rescue drills to teach yourself and your students – for sport and PSD divers  
1PM - 3PM | PSI – PCI Cylinder Cleaning Technician  
1PM - 4PM | Master your GoPro camera  
1PM - 4PM | Northeast Regional Diving Safety Officer Meeting  
2:50PM - 4:50PM | Ultimate Underwater Movement for all divers  
3PM - 5PM | PSI-PCI Eddy Current Technician

## Sunday:

8AM - 11AM | PADI Member Forum  
8AM - 5PM | NAUI 2016 IT/CD/CDT Requalification Workshop  
9AM - 12PM | COMS Fair (Career Opportunities in Marine Sciences)  
9AM - 12PM | Shipwreck Hunting 101  
9AM - 12PM | Video Editing for Dummies  
9AM - 3PM | Seashell Exhibition (Free)  
10AM - 3PM | Spearfishing & Freediving Techniques



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## Sea Rovers COMS Fair, Sunday March 6, 2016 10AM – 12 PM

Explore career and educational opportunities in marine STEAM (Science, Technology, Engineering, Arts, & Math) based programs. Representatives from the following programs will be on hand to provide information on their programs for both undergraduate and graduate opportunities.

### Academic Institutions

Broadmore College  
Harvard Extension Sustainability and Environmental Management Graduate Program  
Marine Biological Laboratory  
Northeastern University Marine Science Center  
Nova Southeastern University (materials)  
Salem State University Biology and Cat Cove Marine Lab  
School for Field Studies (materials)  
Sea Education Association  
Shoals Marine Lab; Cornell University, UNH

Southern ME Community College (materials)  
UConn Marine Science Institute  
UMass Boston Biology  
Unity College  
The University of Maine, Darling Marine Center  
University of New England  
University of Rhode Island  
University of Washington Friday Harbor Labs (materials)  
WHOI (materials)

### Scholarship and Internship Opportunities

American Academy of Underwater Sciences (AAUS)  
Boston Sea Rovers Summer Internship  
EPA Summer Internships  
MA Division of Marine Fisheries Volunteer & Seasonal Employment  
NEAQ Internships/Volunteers

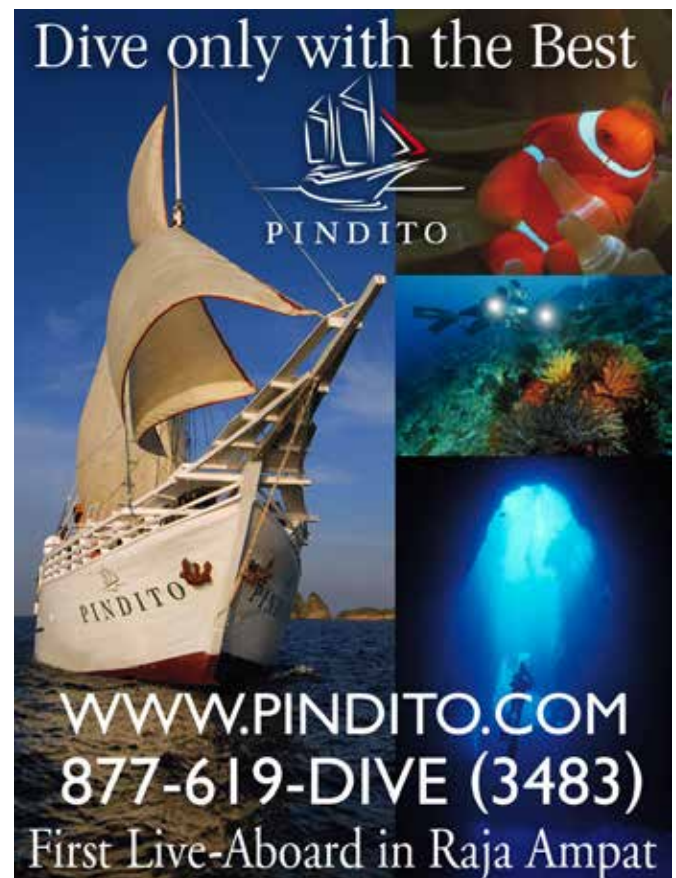
NOAA Internships  
NSF Research Experiences for Undergraduates (REU)  
Our World-Underwater Scholarship Society Scholars and Internships  
Women Divers Hall of Fame Scholarships  
Woods Hole Partnership Education Program (PEP)

In addition, there will be numerous opportunities to talk with members and associates of the Boston Sea Rovers and exhibitors at the Clinic about potential careers.

## COMS, Friday March 4, 2016

Each year, the Sea Rover host a Career Opportunities in Marine Sciences (COMS) program on the Friday before the Show. Interested secondary-school aged students and faculty from all parts of Massachusetts join us to learn about the exciting and varied career opportunities available in and around the ocean environment. Private grants permit us to run this event with no admission fees.

At this year's COMS event, students had the opportunity to hear from Dr. Greg Skomal about technological advances being used for great white shark research, Megan Cook on Research at Sea on Board the E/V Nautilus with Dr. Robert Ballard, Amy Giannotti about habitat research in the Great Blue Hole of Belize, Sarah Driscoll about Volunteer and Intern Programs at the New England Aquarium, and the Sea Rovers Internship Program.



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## In Memoriam



Bobby with fellow Rovers Holly Martel Bourbon (left) and Clarita Berger (top)

### Bob Boyle

Bob Boyle was a true New England Diver, a passionate friend, and an enthusiastic supporter of diving and the marine environment. Certified by New England Divers in the 1970's, he would often work at the shop after school. On weekends, he would dive at sunrise, work all day at the shop, and then meet friends for an exciting night dive. He would travel anywhere and anytime for a dive with friends, or even new friends. Over the years, Bob dove all over the world but his favorite destination was Bonaire. He led his 60th trip there in March 2015 and was recognized by the Bonaire Tourism Corporation with the title of "Bonaire Ambassador".

Bob studied at Brooks Institute of Photography and headed the underwater photography department at New England Divers, working in their Massachusetts, Miami, and Seattle stores. Bob helped open Northeast Scuba in Beverly in 1979, and worked there for seven years before he left to open his own shop, Undersea Divers on June 20, 1986 in the very same location as the original New England Divers. Bob also started the Undersea Divers Dive Society and Underwater Photo

Society for the purpose of encouraging divers to enjoy and participate in diving. A PADI instructor, he certified thousands of divers and fostered their life-long interest in the sport. His marine life images and great stories about the biggest, the most unusual, the near misses and the perfect shot excited and inspired several generations of divers and photographers. He wanted people to love diving as much as he did, and he knew that once they began diving, they would. Even later in life when his body wouldn't let him dive anymore, he still loved to see people enjoy diving and the ocean world.

Bob was a strong supporter and long-time member of the Boston Sea Rovers, unselfishly helping the club behind the scenes for many years. A staunch supporter of the Boston Sea Rovers Summer Internship, he donated a full scuba diving package for each Intern and provided them with the opportunity to learn about dive shop operations at the store. In 2013, Bob was named the 2013 Walter Feinberg Memorial Diver of the Year. Fittingly, the inscription on the special silver bowl reads, "Bob Boyle - Boston Sea Rovers Special Ambassador to the Underwater Realm."

### James "Buzz" Milligan

Buzz Milligan was extremely active with the Boston Sea Rovers through the '80s, and an active associate through the '90's. He worked for Boston Edison Company as an Overhead Line Supervisor for 40 years and lived on the water in Scituate. For those of you who remember, he was Bunky Hodge's best friend and right hand man in the club for many years. He passed away surrounded by his loving family on Sunday, October 18, 2015 after a long and heroic battle with ALS.

### Eugenie Clark

Eugenie Clark passed away just before last year's show. While we honored her at our reception

last year, it did not make it into print. Alas, we honor her again – Eugenie was a pioneer in marine conservation and the study of shark behavior. She was an Associate Sea Rover for many years and the recipient of the 1978 Walter Feinberg Memorial Diver of the Year. A pioneer in the use of scuba gear to conduct underwater scientific research and a veteran of more than 70 deep



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dives in submersibles, Clark continued diving into her nineties, even after being diagnosed with non-smoking-related lung cancer. Although she would conduct research on other fish—she discovered several species and had some named in her honor—much of her work was focused on sharks and dispelling the public’s fears about them. Over the course of her career, she authored two books, *Lady with a Spear* (1953) and *The Lady and the Sharks* (1969), as well as over 175 scientific articles. Additional accolades include those from the National Geographic Society, the Explorers Club, the Underwater Society of America, the American Littoral Society, the Women Divers Hall of Fame, and the American Society of Oceanographers. Eugenie is a pioneer that will truly be missed.

## Remember to Raise a Toast To All of the Rovers Past

Elga Andersen Gimbel  
George Benjamin  
George Bond  
Bobby Boyle  
Jim Brown  
Lois Buskirk  
Bill Carmichael  
Jack Chalk  
Eugenie Clark

Chip Cooper  
Jacques Yves Cousteau  
Mike deGruy  
Norm Despres  
Craig Douglas  
Steve Drogin  
James Dugan  
Ruth Dugan  
Harold Edgerton

Walter Feinberg  
Walter Gaudet  
Peter Gimbel  
Harold Goodwin  
R.W. 'Bill' Hamilton  
Walt Hendrick Sr.  
Peter Hess  
Clifford "Bunky" Hodge  
Richard Irvine

Norman Katz  
Delbar Keily  
Luis Marden  
John McAniff  
Jack McKenney  
James "Buzz" Milligan  
W. Jerry O'Neill  
Richard Oberhauser  
Raymond Oteri

Bob Price  
Glen Reem  
Don Scalli  
Frank Scalli  
Harry Shanks  
Wes Skiles  
Ruth Turner  
Paul Tzimoulis  
Rick Vahn

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- Multiple Plans to Meet Every Diver's Needs

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# MEET MAX

**AFTER YEARS OF  
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MAXIMUS IS BACK.**



#### **1ST STAGE FEATURES**

- Balanced flow by piston - provides ample air supply and stable intermediate pressures
- Spring chamber is environmentally sealed - contaminants and corrosion stay out
- Dry-sealed first stage uses no liquids or gels that can leak or add to service costs
- Tee-shaped design reduces regulator profile when mounted on tank
- Four LP ports and two HP ports for more options for ideal hose positioning
- Nitrox compatible up to 40%

#### **2ND STAGE FEATURES**

- 42" under arm hose - reduces jaw fatigue, less chance of a snag
- External One touch performance adjustment - so you can custom tune your dive
- SMART Demand Lever - relieves load on seat. Extends seat's life while in storage
- Large responsive purge cover - easy even with gloves
- Nitrox ready up to 40%
- Free Parts for life (restrictions apply)

**AVAILABLE SPRING 2016**

A high performance regulator built to withstand everyday diving but also the rigors of the cold and deep. Maintaining its storied history with the unique 110° Swivel and Under Arm Hose, the Maximus may be the most comfortable regulator you can put in your mouth. The new powerful and edgy cosmetics will give the Maximus an exclusive look that will stand out among the sea of other regulators.

**M A X I M U S**

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