

# SATURDAY SEMINARS

Room numbers and times are subject to change

FREE PRESENTATIONS — NO PRE-REGISTRATION REQUIRED		SEASIDE 5-B FREE DAN SEMINARS	
SEASIDE 4-A FREE PRESENTATIONS		SEASIDE 5-A FREE PRESENTATIONS	
11 AM - NOON	<b>Best of Papua New Guinea</b> <i>Chet Moore</i> Papua New Guinea truly remains one of the last unspoiled diving wildernesses in the world. This colorful and fast moving presentation will introduce you to five unique dive operations, one very special land based operation spanning the country and will introduce Kimbe Bay's newest dive boat, the MV OCEANIA commencing operations on December 31, 2018. So, come and be introduced to Tufi Adventure Resort, Lissenung Island, Walindi Plantation, M.V. FeBrina and Trans Niuguini Tours.	<b>Polar Diving in the Arctic and Antarctic</b> <i>Henrik Enckell, Oceanwide Expeditions</i> Join us in discovering the pristine nature of our polar areas. Our Dive Team Leader, Mr. Henrik Enckell, will take you on a visual journey through both the Arctic and Antarctica, both underwater and topside, covering the logistics of getting there and back along the way. We will also discuss the special wildlife we encounter and learn that even though they may look similar at first glance, the two poles are actually quite different.	<b>The DAN Annual Diving Report Celebrates 30 Years</b> <i>Peter Buzzacott, MPH, PhD</i> 2018 marks the 30th anniversary of The DAN Annual Diving Report. This past, present and future review of the report covers what was published over the past three decades, what great improvements have made diving safer along the way, and what safety improvements we might see in the not-too-distant future.
NOON - 1PM	<b>Tahiti and Her Islands - Sharks!</b> <i>Jenny Collister, Reef &amp; Rainforest</i> Join Jenny Collister as she takes you on a journey through the islands of Tahiti. Adenalin pumping dives as you ride the incoming tide through the channel into the lagoon with dozens of sharks. Pamper yourself between dives in overwater bungalows. Relax on white sand beaches, dine on French Food with a fresh Polynesian twist. This destination will leave the most discerning diver wanting to return, again and again.	<b>How to Choose the Dive Destinations that Best Meet Your Needs and Expectations</b> <i>Ken Kenezick, Island Dreams Travel</i> Speaker Ken Kenezick has been diving for 35+ years, quite literally around the world. His fast-paced presentation will compare and contrast the best diving available to you, covering both Caribbean and Pacific destinations. A wealth of information will be shared, accompanied by a generous dose of humor, and audience participation is always encouraged.	<b>Risk Assessment and Mitigation in Dive Operators: The DAN HIRA Initiative</b> <i>Francois Burman, PE, MSc</i> There are a multitude of issues of concern outside of in-water and dive-site environments. Knowing what these are, deciding on which issues are important, and avoiding falling prey to alarmism, requires a structured approach to the management of the real risks. Hazard Identification and Risk Mitigation (HIRA), is a standard industrial technique that can be effectively applied to the diving industry.
1PM - 2PM	<b>Choosing the Perfect Liveboard Experience</b> <i>Wayne Hasson, President Aggressor Fleet</i> Find out about the splendor of spending a week onboard a floating dive resort with Aggressor Fleet. Wayne Hasson, President of Aggressor Fleet, will share insights on how to choose the perfect liveboard experience and destination.	<b>Capture Your Next Adventure -- Building Your Best Trip Portfolio Yet</b> <i>Francesca Diaco, Fisheye Expeditions &amp; Photography</i> Professional underwater photographer, journalist and trainer, Francesca Diaco, will discuss how to ensure photographic success on your next adventure by offering her tops tips on gear preparation, shooting somewhere new, shooting in a group and curating a trip portfolio that will be the envy of your dive buddies and trip companions.	<b>Delta P and Barotrauma: What pressure can do to gas filled spaces</b> <i>Matias Nochetto, MD</i> This talk will help all divers understand the most common dive injuries. What pressure does to which bodily structures, how injuries happen, what are the risks and how to avoid them. From the common and mundane to the rare and bizarre, barotraumas are covered in a way that preventive measures will become obvious.
2PM - 3PM	<b>The Marine Life of Wakatobi</b> <i>Richard Smith and Wakatobi Resort</i> Join marine biologist, accomplished photographer and writer Dr. Richard Smith as he describes how his research on pygmy seahorses at Wakatobi led to the first PhD on these enigmatic fishes. Richard will share his stories of seeking out and documenting the rare marine life found on the protected reefs surrounding Wakatobi Resort and throughout the Wakatobi island group. The discussion will also touch on some of the other unique and seldom-photographed marine creatures he has encountered while diving at Wakatobi Resort and from Pelagian liveboard dive yacht. Many of Richard's images represent the only pictures of living, wild specimens.	<b>Diving and photo opportunities in the High Arctic and in Antarctica: Step out from comfort zone to the explorer zone</b> <i>Amos Nachoum, BigAnimal Global Expeditions</i> Although both poles are in ice environment both poles present totally different challenges and photography opportunities. While in Antarctica we accommodate you on a sail boat and in a tent or hunter hut in the High Arctic. On both expeditions you must be ready to be diving with drysuit and the wildlife are totally different. Both poles feature ice diving but Penguins, Leopard Seal and hunting orcas only seen in Antarctica. The High Arctic features, polar bear, beluga, narwhale and Greenland shark.	<b>Customizing Your Emergency Action Plan: When Things Go Wrong</b> <i>Francois Burman, PE, MSc</i> Nobody likes to think of bad outcomes, but when they happen no element is so crucial, yet as easily overlooked, as an Emergency Action Plan. What is the road-map? Where should I start? What are my responsibilities as a diver, as a dive leader and as a dive operator? This lecture will explore realistic scenarios to kick start the process of developing a sound Emergency Action Plan.
3PM - 4PM	<b>The Hoverstar Aquajet Dive H2</b> <i>Lee Ricasa/Chris Browne, Hoverstar Flight Technology Inc.</i> The Aquajet Dive H2 is a hydro-dynamic surface and sub-surface water-scooter that travels at 5.6 MPH. It has a 100-minute run time charging in 4 to 6 hours with a 3-hour fast charge. The Aquajet Dive H2 has a recommended depth of 20m, is first-time user friendly, and designed with our oceans ecosystems in mind. With 3 set speeds users can acclimate the precise-movement that only the Aquajet H2 can provide. So, whether you wish to glide up & down like a dolphin or turn on a dime like a stingray the Aquajet dive is your key to oceanic fun!	<b>Dive into Beqa Lagoon --- Fiji Islands</b> <i>Michael Brown</i> Beqa Lagoon Resorts features live aboard quality from a land-based resort. At our secluded island paradise you will have the opportunity to experience not only world-class diving but cultural activities, gourmet dining and relaxing spa. Learn about our newest thrilling Cathedral Shark Dive...with Tigers, Bulls and more!	<b>High altitude "fizziology" -- diving in the clouds</b> <i>Peter Buzzacott, MPH, PhD</i> Lakes at altitude may be remote, cold, and home to less aquatic life than other dive sites, but they still beckon explorers. Learn about the considerations when planning altitude dives, such as allowing time to off-gas after arriving at altitude, how dive computers adjust for lower ambient pressure, and techniques to modify your ascent rate.
4PM - 5PM	<b>Experience Diving with a Purpose through Citizen Science Expeditions</b> <i>Dora Sandoval, Rocio del Mar &amp; Quino el Guardian</i> Everyone wants to make a difference, especially divers. Through Citizen Science Expeditions aboard Quino el Guardian in Mexico, divers work side by side with scientists and researchers to learn more about animal behavior, biology, migration, conservation and the environment in which they live. More importantly, divers can assist the scientists in collecting data that can make a real difference. Come meet Dora Sandoval for this passionate presentation about the wonders of liveboard diving in Mexico and how divers, along with scientists, are making positive changes for our future.	<b>PALAU... WOW!</b> <i>Dr. Bill Bushing &amp; Palau Dive Adventures</i> Take a virtual trip with Dr. Bill to some of the best diving in the world in the nation of Palau. This archipelago consists of 250 to 500 islands (depending on what size you consider) with beautiful karst formations making it a true scenic delight topside. The warm, clear waters offer opportunities to see and film manta rays, sharks and a virtual biodiverse bonanza of fish. The site of a major battle during World War II, it also gives one a chance to dive wrecks and see the relics of the bloody battle on Peleliu. Highlights from Dr. Bill's trip there will be presented via video footage.	<b>Recompression Therapy: One does not just squeeze bubbles</b> <i>Matias Nochetto, MD</i> Everybody knows that treatment for the bends involves going back to pressure to squeeze down bubbles. But pressure is just one component of recompression therapy. This lecture will go over the not so obvious mechanisms involved in the definitive treatment of Decompression Illness in a didactic and entertaining way.

**PAID WORKSHOPS**

**SEASIDE 4-B  
PSI-PCI SPECIALTY COURSES**

Payment for all courses is made to PSI-PCI.

To preregister, visit: [www.psicylinders.com](http://www.psicylinders.com)

Or contact **Sherry Gresham:** [sherryg@psicylinders.com](mailto:sherryg@psicylinders.com)

**8 am to 10 am  
PSI-PCI Annual Update**

Federal regulations require recurrent training for conducting inspections on high pressure cylinders. The PSI-PCI Annual update is prepared for this purpose. Current PSI-PCI trained inspectors within their 3 year recurrent training window can avail themselves of this update to remain current for another 3 years. The PSI-PCI Update provides information on current happenings, changes and techniques employed in the process of meeting the federal regulations for hazmat handling and visual cylinder inspection.

**Course fee: \$95**

**1030am to 1230pm  
Oxygen Cylinder Cleaning Technician**

Many shops use enriched air service and/or oxygen in their facility. And just as many are not clear on the proper regulations pertaining to oxygen cleaning cylinders for this service. The PSI-PCI Oxygen Cylinder Cleaning Technician course provides clear and concise information on the oxygen cleaning process and how this is incorporated into the Visual Cylinder Inspection process. This certification course is open to currently trained PSI-PCI inspectors who are exposed to and need information on keeping the cylinders they use in oxygen service clean and safe.

**Course fee: \$150**

**1:30 pm to 3:30 pm  
Valve Repair Technician**

OPEN TO EVERYONE

The most neglected piece of the diving ensemble is the valve. PSI-PCI has created the Valve Repair Technician course to address this issue. Our course covers basic maintenance and repair on a variety of valves available in the market today. With both lecture and hands on disassembly and reassembly of the valve, you will gain valuable knowledge to properly maintain this very important piece of your scuba life support equipment. This course is open to everyone.

**Course fee: \$150**

**4 pm to 6 pm  
Eddy Current Technician**

Eddy current testing is an important, and in some cases, required part of the visual cylinder inspection process. The federal regulations require formal and recurrent training for this procedure. The PSI-PCI Eddy Current Technician program covers how it works, when to use it, and hands on practice to properly incorporate the testing into the visual inspection process. This certification course is open to currently trained PSI-PCI inspectors that need to include the eddy current testing in their inspection process.

**Course fee: \$150**

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