

The Rebel Yell

A Newsletter for the Diving Rebels - One of the Oldest Scuba Clubs in Texas - Established 1958

March 2007

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MEMBERSHIP MEETING Wednesday – March 7, 2007

**6:30pm Social
7:15pm Meeting**

What's Inside?

- Pg 2 DAN Releases 2006 Report on Dive Accident Data, Diving News from Around the World
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March Meeting Program

Walter Davis will be our speaker and always has a fantastic slide presentation.

Calendar of Events

- Mar 7 Monthly Membership Meeting
- Mar 24 Behind the Scenes – Dallas Aquarium
- Apr 4 Monthly Membership Meeting
- Apr 13-15 Tyler State Park
- May 2 Monthly Membership Meeting

DAN Releases 2006 Report on Dive Accident Data

The 2006 Report on Decompression Illness, Diving Fatalities and Project Dive Exploration is ready for the scuba diving community to review. Compiled and published annually by DAN research, the report presents information on Project Dive Exploration (PDE), scuba diving injuries and dive fatalities, as well as breath-hold diving incidents based on data collected during 2004. DAN has added new material this year that describes breath-hold incidents and annual injury and fatality rates for this activity.

Rates of DCS and Death

According to the PDE data collected between 1998 and 2004, the decompression sickness (DCS) incidence rate among warm-water dives fluctuated from 0 to 5 cases per 10,000 dives. The annual fatality rate for DAN Members between 1997 and 2004 varied between 11 and 18 deaths per 100,000 members per year. Note that these rates are for limited population samples (PDE dives per year for DCS and DAN Members per year for fatalities) and cannot necessarily be extrapolated to the diving population as a whole.

Project Dive Exploration (PDE) Data

DAN collected data from 1,521 divers, 3,265 dive series and 23,912 dives through PDE in 2004. The total number of dives logged by PDE during 1998 through 2004 is 105,135. PDE divers reported 95 percent of their dives to be "uneventful," or without any adverse incidents.

Incidents among PDE dives that did not result in injury and were either procedural or equipment-related were subjectively reported in 5 percent of the collected dives. The most common procedural problem was equalization, reported in 2.7 percent of PDE dives, followed by buoyancy trouble at 0.9 percent. The face mask was the most commonly reported equipment problem (0.69 percent); the dive computer followed at 0.4 percent.

Twelve PDE divers reported post-dive headaches, and three reported fatigue. Out of 591 reported instances of equalization problems, six divers reported post-dive symptoms that were severe enough to concern them or make them skip at least one dive. One diver reported short-lasting vertigo, and there was one case of severe sinus barotrauma.

In the PDE population, there were five DCS cases reported; this totaled an annual incidence of two DCS cases per 10,000 dives. Two cases were classified as DCS I (with symptoms that are considered non-neurological in origin, such as itching, rash, joint or muscle pain) and three cases were deemed as DCS II (with symptoms affecting the nervous or cardiovascular systems; one incident was diagnosed as cardiopulmonary). First aid oxygen relieved symptoms in two of the five cases. One case received a recompression Treatment Table 6 in addition, and the other was not recompressed. All cases resolved completely.

Want More Info? Go to <http://www.diversalertnetwork.org/news/article.asp?newsid=904> The entire report is available free of charge to DAN Members. You'll need your member number to log in for your copy.

Dividing News From Around the World

Vitamins benefit divers' health

Vitamin doses can reduce ill-effects of scuba diving on divers' circulation, a study suggests. Scientists gave vitamins C and E, which work as antioxidants, to divers. The vitamins stopped ill-effects of the dive on the cells lining blood vessels, which can lead to high blood pressure and other associated diving problems. But diving experts said the vitamins would have a limited impact.

<http://news.bbc.co.uk/1/hi/health/6314901.stm>

USA gets a "C minus" for protecting oceans

The USA made modest progress in 2006 on ocean policy reform, but the progress that has been made is jeopardised by a lack of funding at all levels of government, according to a new report.

<http://tinyurl.com/2wmbu7>

RECALL NEWS

U.S. Consumer Product Safety Commission Office of Information and Public Affairs Washington, DC 20207

FOR IMMEDIATE RELEASE - February 28, 2007 - Release #07-117

Firm's Recall Hotline: (888) 854-4960
CPSC Recall Hotline: (800) 638-2772
CPSC Media Contact: (301) 504-7908

Pelagic Recalls Digital Dive Computers Due to Decompression Hazard

WASHINGTON, D.C. - The U.S. Consumer Product Safety Commission, in cooperation with the firm named below, today announced a voluntary recall of the following consumer product. Consumers should stop using recalled products immediately unless otherwise instructed.

Name of product: **Oceanic** and **AERIS** Digital Dive Computers

Manufacturer: Pelagic Pressure Systems, of San Leandro, Calif.

Hazard: When performing a switch from one gas to another during a dive, the dive computer's display will lock up and not return to the main dive screen that displays dive times. This can cause divers to enter decompression unknowingly or the diver could ascend prematurely, resulting in decompression sickness.

Incidents/Injuries: Pelagic has received a report of two dive computers malfunctioning. No injuries have been reported.

Description and Models: **The recall involves Oceanic-brand ATOM 2.0 dive computers with serial numbers 1 through 2,079 (Revisions 2E, 3A, and 3B) and AERIS-brand EPIC dive computers with serial numbers 1 through 712 (Revision 1A)**, which can be accessed and viewed on the computer's display. Also, the serial number and date of manufacture are printed on the bottom of the unit (**Oceanic ATOM 2.0** from August 23 to November 23, 2006, and **AERIS EPIC** from October 18 to November 14, 2006). This recall does not include any other Oceanic or AERIS brand dive computers.

Sold at: Authorized **Oceanic** dealers sold ATOM 2.0 dive computers nationwide from August 2006 through February 2007. Authorized **AERIS** dealers sold EPIC dive computers nationwide from October 2006 through February 2007. Both computers sold for between \$670 and \$950.

Manufactured in: United States

Remedy: Consumers should stop using the recalled dive computers and take them to an authorized **Oceanic** or **AERIS** dealer to get a free software upgrade.

Consumer Contact: Contact Pelagic toll-free at (888) 854-4960 between 8 a.m. and 5 p.m. PT Monday through Friday, send an email to service@oceanicusa.com, or write to: Pelagic Pressure Systems, 2002 Davis Street, San Leandro, CA 94577. Information is also posted on the **Oceanic** and **AERIS** Web sites (www.OceanicWorldwide.com and www.diveaeris.com).

Birthdays

Vicki Albright March 3
Marc Gowdy March 30

Anniversaries

None Known



8 spaces available!
**Contact Jill or Danny if you'd like to
join us on this fantastic trip!**



**Join the
Diving Rebels
Scuba Club**



July 28th – Aug 4th 2007

**Golden Reef Inn Bonaire,
Netherlands Antilles**



The price of \$1399.00 per person double occupancy, includes roundtrip airfare from DFW, airport transfers, accommodations for 7 nights/8 days, room taxes, unlimited shore diving including weights, weight belts, tanks, air and taxes (24hr on site tank access and secure gear storage along with freshwater showers, rinse tanks, etc), daily continental breakfast and a double cab pick up suitable for diving with air conditioning, taxes and CDW insurance included. Several add on options are also available. For more information:

**www.divingrebels.org/bonaire.htm
or call 817-542-2962**

Arctic Dive and Wine and Cheese Outing

Saturday was a day for a wide variety of weather at Lake Murray. Storms in the morning, followed by high wind, then blue skies, then brown skies as part of West Texas passed through Oklahoma and oh yes more high wind! Winds blew up to 60 mph throughout the day and into the night but that didn't stop over 40 Rebels, Dillos, Reef Riders and Texas Swamp Divers from enjoying camaraderie, great barbeque, a large bonfire, and some good and not so good wine and cheese. Sunday turned out to be a beautiful day as the pictures below show.



45 degrees at the surface, 43 degrees at 51'



Cold water, but an enjoyable day



After the party, the vultures rule

Comments on the Artic Dive / Wine and Cheese Contest!

The following comments on the February Outing were posted on a popular scuba forum (scubaboard.com) and on a person's personal website. Thanks to everyone for making the outing a great success!

- "Big Fire
great folks, some were almost as beautiful as me too
TexDiveGuy stopped by
I got to meet 2 new swampers !
great BBQ beef, pork, sausage, peppers.
no ToFu , no Rice Cakes, no non Trans Fat foods
Friendly Large Dogs
Hot Pies !
Silent auction
People with English Accents
People with New York Accents
People like Us from Texas with no Accents
Buy a ticket maybe win a prize maybe not
respectful children 5 to 70 years of age
Live Reptile show with large snakes and lizards
early morning Geese honking that woke us up
44 degree water ~ ~ it has warmed since a couple of weeks ago
GeoPhysical teams everywhere setting up earthquake equipment
Huge Dust Storm !!!
Big Time Wind !!!
Waves big enough to Surf
Classic Rock Music (Welcome to the Jungle Baby !! 🎧)
I had a sweet 56min Solo Dive
Excellent Wine & Cheese
A Pretty darned good Tropical Rum being passed around called Big Black ****
Indoor plumbing & Hot water showers !
4 new dive magazines to read before bed by lantern light
Easy sleeping in warm a Goose Down sleeping bag
Delight of a Park Ranger (she really was nice)
An actual Andrea Doria diver in the bunch
easy sleeping for a campground thats for sure
gallons of hot coffee in the morning !!!
bright Sushine on the way home.
Only 364 days till the next one 🎧 "
- "So we joined the camp crew Saturday evening, and I have to second everything Timeliner said; man those guys now how to put on a spread...probably the best brisket and pork loin I've ever had. King Arthur never had a spread that big. Great people, Great (big) bon fire (that didn't burn the park down...but should have). I met more people than I can remember...Well planned, well organized, fun folks. I was surprised when we got there to learn that it was more of a social/camping event than diving event, but there were a few die hard divers out there that got wet. It was a good time to get out under the stars and meet and greet. I can't wait to do it again."
- "This past weekend, my dive buddy Kory and I headed up to Lake Murray outside Marietta Oklahoma to meet the folks from the Diving Rebels. Those guys sure know how to pitch a camp and throw an outdoor party. They are a great bunch of people, and gracious hosts. Thanks guys."

<http://www.intellectualdimensions.com/jc3/scuba/lakemurray/>

seaspace®

Adventure Sports and Travel Expo

March 31 – April 1 2007

Open to the public, SEASPACE is an annual exposition of Adventure Sports, Travel, and Scuba Diving. SEASPACE 2007 will feature a special screening of Deep Sea 3D, an intriguing IMAX® 3D movie. SEASPACE is a 501(c)3 non-profit corporation with event proceeds funding a marine-related scholarship program. For details, visit this website often for updates.

SEASPACE 2007 will feature IMAX 3D movie Deep Sea 3D. This uniquely creative film, directed by renowned underwater cinematographers Howard and Michele Hall, includes narration by Johnny Depp and Kate Winslet. Through the wonders of IMAX 3D technology, the SEASPACE audience will be transported below the ocean to swim with some of the planet's most unique and colorful creatures, from the bizarre Wolf Eel to the Giant Pacific Octopus. Deep Sea 3D will be screened at Edwards Marq*e IMAX Theatre on Saturday, March 31, 2007. Howard and Michele Hall are expected to be on hand to introduce the film and provide their personal “behind the scenes” insight.

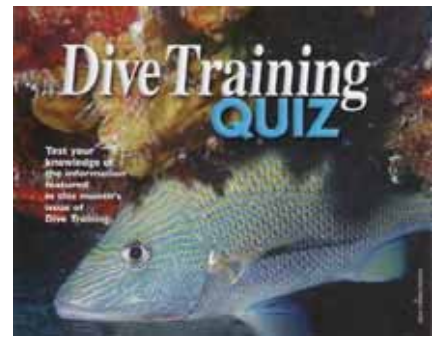
Founded in 1969 by the Houston Underwater Club, SEASPACE is acknowledged to be the finest adventure exposition in the Southwest USA. This colorful event combines exotic travel, adventure sports, scuba diving and related outdoor activities. It is slated for March 31 and April 1, 2007, in Hall “E” of the superb Reliant Exposition Center in Houston, Texas. SEASPACE 2007 will feature over 200 booths and exhibits for the outdoor sports and travel enthusiast, a special Environmental Awareness Area, and a host of seminars and workshops designed to both entertain and educate.

Counted among the very finest of underwater still photographers, James D. Watt will be on hand to teach in-depth workshops on Digital Underwater Photography. Accomplished husband and wife photography team Jack & Sue Drafahl will also teach workshops. There will be an Advanced Diving Workshop sponsored by Technical Diving International (TDI). The Houston Underwater Photographic Society (HUPS) will provide a colorful gallery of both large-scale underwater photographic prints and exciting new underwater digital images.

SEASPACE offers a variety of seminars designed to enhance your diving skills, dive safety, marine life knowledge, underwater photographic skills, travel destination repertoire and much, much more!

SEASPACE is a non-profit corporation, with proceeds from the event funding marine-related scholarships and grants. For additional information about SEASPACE, check their website at: www.seaspace.org





- 1. The "bends" is more formally known as:**
 - A. Decompression sickness
 - B. Decompression illness
 - C. Nitrogen narcosis
 - D. A & B are correct

- 2. The most commonly heard underwater signal is:**
 - A. Banging on a tank with the dull edge of a dive knife or a banger.
 - B. Using a shaker
 - C. Using an underwater horn.

- 3. Another name for mermaid is:**
 - A. Siren
 - B. Mami wada
 - C. Rusalka
 - D. All of the above.

- 4. The best way to store a wet suit, dry suit or skin suit is to:**
 - A. Hang it on a wide-shoulder hanger.
 - B. Lay it flat.
 - C. Fold and place it in a gear bag.
 - D. Fold and place it on a shelf.

- 5. The dive term that teaches the inverse relationship between the pressure and volume of a gas is:**
 - A. Dalton's law
 - B. Boyle's law
 - C. Charles' law
 - D. Murphy's law

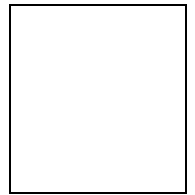
- 6. What 1776 effort is considered the world's first environmental act?**
 - A. Preserving Tobago's rain forest
 - B. Establishment of the Bonaire Marine Park
 - C. Establishment of the U.S. national marine sanctuary system

- 7. Using a strobe to illuminate and "paint color" into the foreground subject of a photo is a technique called:**
 - A. Backscattering
 - B. Zoom in
 - C. Close-focus, wide-angle
 - D. Panning

- 8. Characteristics common to mollusks include:**
 - A. Bodies display bilateral symmetry
 - B. They have a brain or concentrated bundles of nerves
 - C. They possess a mantle.
 - D. All of the above.

- 9. Types of dive boat briefings include:**
 - A. Boat briefing
 - B. Pre-dive briefing
 - C. Training briefing
 - D. All of the above

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ADDRESS CORRECTION REQUESTED

