

The Rebel Yell

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

April 2008

DIVING REBELS - CELEBRATING 50 YEARS in 2008

2008 DIVING REBEL BOARD

Keith Weber, President

Mark Estill, Vice President

Selena Woodward, Treasurer

Ellen Fourton, Secretary

George Bartulevicz, Activities Director

John Richerson, Sr. Board Member

Johnathan Bowman, Jr. Board Member

Appointed Positions

Danny Bouska, Webmaster/Newsletter

TBA, Historian

To contact one of the Club's officers,
please visit our website at:

WWW.DIVINGREBELS.ORG

or send an email with your
question(s) and/or comments to:

info@divingrebels.org



MEMBERSHIP MEETING

Wednesday – April 2, 2008

Meeting Time

6:30pm Social - 7:15pm Meeting

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April Meeting Program

Our April meeting is upon us and I hope you have made plans to come hear about extraordinary diving in the Maldives. Jimmy Atkinson, world traveler and extremely experienced diver, will deliver a multimedia presentation about diving there. Located near the equator in the Indian Ocean, the Maldives consist of 1190 coral islands with 26 major atolls. If you want to get a preview, take a look at some of the links that only give an inkling of what Jimmy can give us from a personal account:

<http://www.bookmaldives.com/index.php>
<http://visitmaldives.com/Maldives/fast-facts.php>

Upcoming Events Calendar

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|------------|--|
| Apr 2 | Monthly Membership Meeting |
| Apr 12-13 | Tyler State Park |
| May 7 | Monthly Membership Meeting |
| May 24-26 | Balmorhea State Park |
| June 4 | Monthly Membership Meeting |
| June 21-22 | Lake Whitney – 50 th Anniversary Celebration! |
| July 2 | Monthly Membership Meeting |
| July 12-13 | Inks Lake State Park |

President's Report

Hello Diving Rebels,

How about that snow? Mother Nature must think we need more cold water and white topped terrain. As you can read elsewhere the March outing took a curve ball and hit a home run and may even score again.

I feel like this is my state-of-the-union address, in relative terms to the US, the first 100 days I believe. So here is how I see it. We have a strong, active board, an empowered and willing membership, and a host of activities in which we are engaged. We are comparatively an organized, well maintained scuba diving club with a large presence online and in our neighborhood dive shops. We are well funded and fiscally responsible with admirable controls for our size and volunteerism for critical functions.

Additionally, I believe we continually challenge and improve our diving skills. From the extremes of swift currents, cold water, and severe summer heat to altitude, depth, almost black water, night dives and tests of navigation, we are versatile and experienced divers. Many of us have obtained advanced certifications during our tenure with the club. So not only do we do the deeds, we can pass the tests that then seem simple to prove our academic grasp of the experience. We learn from others as well as books and have the chance to practice and apply that knowledge.

So as we go through this 50th anniversary year for the club think about what you have experienced and how you have grown, as a diver, a camper and as a person. I would like to have several volunteers to share their stories at the June meeting. Further, we are planning a special Anniversary newsletter edition that they, and others, would be published. I would be willing to transcribe your narrative if you care to dictate it.

Proud to be a Diving Rebel,
Keith

Balmorhea State Park Outing - May 24 – 26

It's not too late to sign up and travel with the Diving Rebels to West Texas over the Memorial Day Weekend to dive the crystal clear waters of San Solomon Springs at the base of the Davis Mountains in Balmorhea State Park! <http://www.tpwd.state.tx.us/spdest/findadest/parks/balmorhea/>

Balmorhea State Park is about an 8-9 hr drive from the DFW area. We will leave Friday evening arriving Balmorhea at approximately 7am on Saturday and after setting up camp will begin diving. We will leave Monday morning at approximately 10am. There are no motel rooms available on site at the State Park; however, the El Oso Flojo Lodge does have availability and is located 4 miles from the State Park. <http://www.balmorheatexas.net/>

The estimated cost includes fuel, meal share, and camping and park entry fees. It does not include, scuba tank rental and/or air fills of \$10.00 per fill, Saturday and/or Sunday night dive fee \$4.00 per night, a possible trip to McDonald Observatory \$15.00 for the Twilight & Evening Star Party, personal expenses during the trip and any hotel expense if electing not to camp:

To minimize cost, we will carpool from DFW to Balmorhea utilizing as few vehicles as possible. An enclosed trailer, maybe two, will be used for tanks, scuba gear, ice chest, tents, etc to maximize passenger seat space. The estimated cost of the trip will be around \$125 per person. The final cost may vary and could be slightly more or less than estimated due to a variety of factors; including, fuel cost at time of trip, meal cost, number of people attending, and number of vehicles.

For more information or to sign up contact Danny Bouska at webmaster@divingrebels.org or call 817-542-2962
Sign-Up sheets will also be available at the April Membership Meeting

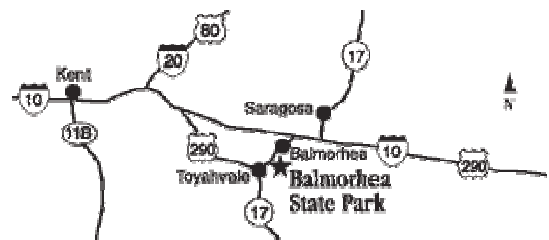
San Solomon Springs



Cienega underwater viewing area



Parks Location



TYLER STATE PARK OUTING

**When spring has sprung
and the grass has riz,
Tyler State Park is where the
Diving Rebels April outing iz.**

When iz? April 12 - 13, 2008

It will be a great weekend to get out and enjoy the spring weather and do some early spring diving among the beautiful tall pines of east Texas, Activities: Diving of course, camping, boating (motors allowed - 5mph speed limit). Boat rentals – canoes & paddle boats, fishing, birding, hiking, mountain biking, lake swimming, nature study, and hanging out with other Diving Rebels.. Reports are that last year's spring rain and subsequent run offs at the lake has killed most of the vegetation that was the cause of poor visibility in the past couple of years, so diving should be much improved. We'll try to have more information on that at the April meeting. Check out the Tyler State Park website for a host of other activities available in the area <http://www.tpwd.state.tx.us/tyler/>.

The club has campsites reserved in the Lakeview area for Friday and Saturday nights. There is water, electricity and restrooms with showers. Entrance fee to the park is; \$3 per person, per day. Do not pay for camping. The club has reserved camp sites. The cost of camping sites and meal share will be divided among those participating. There will be a Saturday lunch, Saturday Dinner, Sunday breakfast. Bring your own snacks and your favorite beverages. Camp fires are allowed in designated fire pits. If you are able - bring firewood for a group campfire in one of the fire pits.

Directions:

Tyler State Park is 100 miles east of Dallas on Interstate 20 and 2 miles north of I20 on FM 14 north of Tyler on Park Rd. 16.

There will be a sign up sheet at the April meeting.

If you are not at the April meeting or for further information

Contact: Jim Kirchhoff, 817-496-6774 – or email Jim at: jimkirchhoff@juno.com



Thanks to Jim Kirchhoff for this submission.

T-shirt design contest for the Diving Rebel 50th Anniversary

As discussed at the March meeting, the T-shirt design contest for the 50th Anniversary is now official. You should have received an advance announcement from our Webmaster. The winner will receive a free t-shirt. The entry submission deadline is no later than the April membership meeting. It should be drawn in color (more is generally worse in this case). Judging will be by a committee of the Board and interested non-competing parties at the April Board meeting, Wed, April 16, 7 pm at J. Gilligan's. If you are interested in being a judge, please let Keith know at the April membership meeting and show up at the Board meeting. The winner will be announced at the May membership meeting. Preorders will be taken in April (with design unknown) and at the May meeting (design known). Distribution is planned for the June meeting and at the outing. The exact pricing hasn't been determined since the design and quantity have some influence. But a graduated pricing structure is expected with the largest discount with the April preorder, less for May, less for June and possibly at the outing then full price if you missed out totally and just want to fit in with the rest of the Club. (Legal disclaimer: this is subject to change and is not a binding offer for t-shirt pricing) So, preorders will be payable at the May meeting at an estimated price based upon known factors at that time. And as you know; there will probably be some creative rewards or games involving wearing the commemorative t-shirt at the Anniversary celebration. Further details will follow, but put your art hats on and let's have a good contest and a great shirt.

Birthdays

Elizabeth Neumann	Apr 4
Michele Estill	Apr 7
Linda Magnuson	Apr 23

Anniversaries

Steve and Selena Woodward	Apr 4
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Mark Your Calendars!

50th Anniversary Celebration!

Our traditional mid-year outing will be extra special this year as we also celebrate our 50th Anniversary in the life of the Diving Rebel Scuba Club. We will be hosting the event at Loafer's Bend on Lake Whitney June 21 - 22. We will have a commemorative t-shirt that is sure to adorn present member's bodies in great style. The Board will furnish and serve the evening meal Saturday as customary for the mid-year party. The menu has yet to be determined and the Board is open to suggestions. Of course, Keith is already thinking of options, but could use some reasonable input - unfortunately can't afford filet minion as he wishes. We are expecting a large turnout and encourage each of you to reach out to past members that you have contact with and invite them to come out and enjoy the festivities. Planning is still underway, but it should be a grand event - rain (most likely) or shine (extremely hopeful).



May 7th Membership Meeting Speaker Steve Cushman, Surface Interval Scuba

Wondered what it is like to go really deep or do wreck penetration diving? Steve specializes in the world of technical diving. He will discuss some of his adventures, what it takes to get some of these qualifications and what's new with Surface Interval. This could be your chance to get hooked on some of the more extreme diving. Don't miss this exciting subject.

Don't forget Diving Rebels Caps and T-Shirts On sale at any monthly meeting!



BLACK



NAVY & NATURAL



NAVY

Merchandise sold to Diving Rebels Members Only

Baylor University Medical Center (BUMC) Receives Full Accreditation from the Undersea and Hyperbaric Medical Society (UHMS).

"The Louise Gartner Center for Hyperbaric Medicine located within the Baylor University Medical Center (BUMC) Comprehensive Wound Care Center has received full accreditation from the Undersea and Hyperbaric Medical Society (UHMS). This certification means that BUMC's hyperbaric oxygen therapy (HBOT) program follows national standards and guidelines that can significantly improve outcomes for patients as well as deliver care in a very safe environment. BUMC is one of only three centers in North Texas to earn this distinction which required an extensive, evaluation by a survey team of Undersea and Hyperbaric Medicine reviewers.

BUMC's Hyperbaric Oxygen Department opened in 2002 and annually delivers approximately 2,300 patients treatments using hyperbaric oxygen therapy (100 percent oxygen under increased pressure) to treat the following conditions and indications for treatment recognized by the UHMS and CMS: enhancement of healing in selected problematic wounds, **air or gas embolism**, carbon monoxide poisoning, **decompression illness**, clostridial myositis and myonecrosis, crush injury, compartment syndrome, and other acute traumatic ischemias, exceptional blood loss, intracranial abscess, necrotizing soft tissue infections, chronic refractory osteomyelitis, delayed radiation injury (soft tissue and bony necrosis), compromised skin grafts and flaps, and thermal burns.

The Undersea and Hyperbaric Medical Society is an international, non-profit organization serving 2,500 members from more than 50 countries. The UHMS is the primary source of scientific information for diving and hyperbaric medicine physiology worldwide."

Thanks to Ellen Fourton for this submission

March outing - Non-Outing Rescue Plan

For those of you that missed the revised March outing, too bad. We had a nice cozy dinner at Saviano's in Euless where about 13 of us socialized and cursed the darn winter weather that was hanging on. Who would have thought a blizzard, in Texas' terms, would mess up our trip to Athens in March. With the park not anticipating camping and the water temperature sure to drop from the tropical 53 a week earlier, the indoor feast and familiarity seemed a much better choice.

So we collected for an impromptu event about 6:30 pm Saturday, March 8th with Steve and Ellen, Kevin and Sherri, Gena, Danny, Keith and Elizabeth plus Andrew and Victoria of her clan, Doug and long lost Anita and Eli were also in attendance. The food was fantastic with special note of the garlic knots that endured a vanishing act almost constantly. The conversation was lively and we all lingered there long enough that the afterglow at Gena's was not necessary and we all reluctantly departed for home.

There are the birthings of a plan to reincarnate the March Athens outing, between the April 12-13 Tyler outing and the Memorial Balmorhea outing, May 23 – 26. That is a long stretch to stay dry, so stay tuned for the possibility of another dive outing. There are also discussions about having the September outing there off of Labor Day Weekend or unscheduled trips if something interesting comes up out there.

Be sure to stay tuned as the plans develop.

Thanks to Keith Weber for this submission.

Worlds Leading Underwater Explorer at Aquarena Center of Texas State

Dr Sylvia Earle visited Texas State University-San Marcos on March 26, 2008 as a special guest speaker for the University's Common Experience.

Dr. Earle was also on hand to cut the ribbon at a ceremony held at Aquarena Center at 3 pm on Wednesday, March 26 to officially announce the underwater web cam recently provided by television station Fox 7 News in Austin Texas.

Dr. Earle is the National Geographic Explorer in Residence and a Distinguished Lecturer for the James and Marilyn Lovell Center for Environmental Geography and Hazards Research at Texas State University. Named Time Magazine's first "Hero for the Planet" in 1999, and called a "Living Legend" by the Library of Congress, Dr. Earle has authored more than 150 scientific, technical, and popular publications, and appeared in hundreds of television productions. She has directed over 60 diving expeditions, logged more than 6,000 hours underwater, and set the record for solo diving: 1,000 meters or 3,281 feet.



The web cam was the brainchild of Shawn O'Shea, one of Aquarena's most enthusiastic Diving for Science volunteers. The Diving for Science program actively supports Aquarena's mission with certified divers representing all parts of Texas who help protect and preserve natural springs and aquifers throughout the state. O'Shea, Fox 7 Vice President of Engineering and Operations, approached Aquarena with his idea of providing the web cam to make an underwater view of Spring Lake available to the public via the world wide web. The web cam was recently installed in Aquarena's "Deep Hole," one of the most scenic viewing areas and the deepest location in Spring Lake. Viewers will be able to gain a better understanding and appreciation of the beauty of the sensitive spring-fed habitat; home to 8 endangered and threatened species found only in Spring Lake and San Marcos River.

The Diving For Science Program is a nationally recognized for its unique approach of organizing certified scuba divers to perform strictly regulated tasks in this "critical habitat". Divers not only take 40 hours of course work to qualify to join the volunteer group. A totally self-sustaining nature center, aquatic wildlife preserve and a registered historical landmark, Aquarena is a rare and endangered entity all to itself.

Ron Coley, Aquarena Center Director, calls the installation "a very exciting development." "Allowing the general public to log on to see what is going on underneath Spring Lake will increase awareness of the crystal clear spring-fed water bubbling up from the Edwards Aquifer. We hope the scenic view motivates people to come enjoy the glass bottom boat tour and get more people interested in our Diving For Science program to learn about this unique aquatic habitat."

Visit <http://www.aquarena.txstate.edu> for more information about Aquarena's Diving for Science program.

To view the underwater web cam located in Deep Hole, visit
<http://media.myfoxaustin.com/cams/webcams.htm>

QUIZ

1. The trough is the lowest point between two waves.

- A. True B. False

2. What are the 3 types of breaking waves?

Choose all that apply.

- A. Surging B. Scrolling
C. Spilling D. Plunging E. Purging



3. Fetch is the length of time a single gust of wind blows across the water.

- A. True B. False

4. If you followed a single drop of water during a passing wave, in which motion would it move?

- A. Forward B. Vertical circle
C. Horizontal circle D. None of the above

5. What is the horizontal distance, either between the crests or troughs of two consecutive waves?

- A. Wave period B. Wavelength C. Wave height D. Duration

6. Which event(s) below can cause a tsunami?

- A. Underwater Volcanoes B. Underwater Earthquakes
C. Underwater Landslides D. All of the above

7. How do dolphins and whales "see" the world with sound?

- A. Photosynthesis B. Echolocation C. Osmosis D. With 3-D goggles

8. Density depends on what factor(s)?

- A. Temperature B. Salinity
C. Pressure D. All of the above

9. The aphotic zone receives enough light for animals to photosynthesize.

- A. True B. False

10. One atmosphere equals what?

- A. 16 ounces B. 4 quarters C. 14.7 pounds D. 12 months

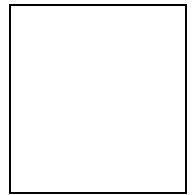
11. Waters in estuaries have a higher salinity than seawater.

- A. True B. False

12. The freezing point of seawater is 32° F (0° C).

- A. True B. False

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ADDRESS CORRECTION REQUESTED

