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Trivia Challenge

With the SDVL, what indicates a diver's air reserve is running low?

Email your answer and your mailing address to us:

advertising@oceanreefgroup.com

The first five people with the correct response will receive a \$5 gift card to Starbucks!

What's New?

Let's go green! If you would like to receive this interactive newsletter via email instead of snail mail, let us know by emailing your name, address, and email address to:

advertising@oceanreefgroup.com

English Version

Exciting News

DiversOne Launches on the Web

Built by and created for divers, DiversOne was recently launched as a place for divers of all ages to share their love and passion for diving.

"Frustrated by the lack of good websites for sharing our diving passion, DiversOne was created to connect divers via the latest Web 2.0 technology. DiversOne is a social utility for sharing trip reports, photos, videos, reviews, comments, social events and all things scuba dive-related! We hope you find it a valuable addition to our beloved sport.

We are based in Southern California and have created DiversOne to be an international central place for divers. A portion of our profits from advertising goes to impactful causes that help protect our water planet...remember, without a healthy ocean to dive in, our sport ceases to exist." (source: www.diversone.com)

Features included are a personal page for each diver, blogs and groups for divers, a forum with multiple categories to address all areas of diving, sections for videos and photos, classifieds, event listings, and resources. Upon review, it appears as though DiversOne has covered the bases and taken into consideration the different regions and resources for a vast array of divers.

Minimal ads also give this free site a boost and allow users to easily navigate around.

However, a portion of the money raised through the advertisements will be donated to organizations specializing in environmental/ocean causes.

While this is only the first version of the site, founders Trevor Lattin and David Lanza hope to unveil a new, additional feature every month. They have also set a goal of 100,000 registered users. With the speed at which DiversOne is expanding around the world, this will surely be a number to be surpassed.

Professionals and recreational divers alike have joined, over 1,000 photos have already been uploaded and the forum is becoming quickly stacked with suggestions and tips from divers worldwide. Amazon.com has teamed up with DiversOne to create a storefront full of products, gear, and accessories for divers in all fields from multiple companies.

OCEAN REEF can be found on DiversOne as a member and we will be checking in from time to time to see how the site is growing and what contributions to the dive industry have been added by fellow divers.

Be sure to check out this new website when you have the chance!

www.diversone.com



New Product

SDVL— Shield Display & Visor Light



SDVL on the Neptune Space Predator with Neptune H08 Helmet



SDVL on the Neptune Space with Neptune H08 Helmet

Integrated Data & Illumination System

When checking important data while diving (depth and air pressure), divers usually have to look at their wrist or console display instruments to do so. When a diver's hands are occupied or when visibility is low, keeping track of his or her gauges may be difficult.

With the SDVL, the depth and pressure data are comfortably displayed on the right and left sides of the Neptune Space visor. These two displays are accompanied with visor lights installed in the visor top. The depth and pressure displays are activated the moment the diver enters the water. The visor light (made of 6 in-line LEDs) is easily activated by a switch on the right side of the mask and incorporated in the surface air valve set.

The SDVL is composed of:

- A canister unit with removable and rechargeable battery fit with a tank belt handle, Low Pressure and High Pressure sensors, and wet switch contacts.

- A High Pressure hose to be connected to your first stage.
- A wire leaving from the main back unit to the mask; provided with two waterproof multi pin connectors for quick connection and removal.
- A double PTT to command the brightness as well as on/off of the LEDs.
- The battery may be easily unscrewed and recharged or replaced. It is protected by a black anodized anticorrosion housing, with an overpressure valve to prevent explosions in the case of a battery malfunctioning.
- There are two o-rings on the battery body that ensure an even seal in case of an incidental partial unscrewing. A 110/220v battery charger is supplied with the SDVL. The battery will turn off automatically once the battery is charged, keeps it charged and will inform the user about possible battery malfunctioning. With both the systems functioning (depth/pressure gauges & light), the battery will last about 48 hrs.

How the SDVL Works

The SDVL turns on automatically as the diver enters the water and the unit gets wet. All LEDs remain turned on for a few seconds to show the unit is working properly.

During diving the two LED bars turn on, depending on tank pressure and depth. LED brightness can be adjusted by means of the control button, adapting to environmental conditions (day or night diving, cave diving, etc).

The LED bars can be switched off and on by pushing the control button quickly. For safety reasons, the two bars will turn on automatically if the tank pressure gets below 50bar/725psi or if you dive deeper than 40m/130ft. The LEDs have 3 different colors to report ergonomic information to the diver.

Blue	0-20m	0-66ft
Yellow	25-40m	82-131ft
Red	> 40m	> 131ft

(cont'd on page 3)

Product Highlight

The Aquarist Debut at NCA



The last issue of Creating the FUTURE featured an article on the North Carolina Aquariums (NCA) and the Aquarist (designed by OCEAN REEF). This month, the North Carolina Aquariums debuted the Aquarist at their Roanoke Island facility and featured OCEAN REEF in their newsletter, SEAmail. You can read the article online at: <http://www.ncaaquariums.com/the-aquarist-debuts>

Featured Dive Site

Valhalla Missile Silo



For more information, visit the Family Scuba Center website: www.familyscuba.com

In Midland, Texas, the Family Scuba Center offers divers the chance to dive an old Atlas Missile silo.

“The advent of M.I.R.V. (Multiple Independently Targeted, Re-entry Vehicles) missile technology placed fixed base deterrent forces at considerable risk, so these missiles were removed and other, mobile systems were employed, primarily submarine-based Polaris missiles and minuteman missiles on mobile launchers. The Atlas missiles were modified and subsequently used to launch the Mercury Astronauts and over 175 other payloads into

space over the next 10-20 years.”

Previously home to an Atlas missile, the Valhalla Missile Silo was only active for just over two years. After being decommissioned, water began to seep through the concrete walls (4' thick) and continued to fill the area over the next 35 years. It has now reached the same level as the groundwater surrounding the silo and remains very clear and cool. While boasting 130' visibility, there is little to no light, so bringing your own source of light is highly recommended when diving this site.

Testimonial

The Diveheart Foundation

Established in 2001, the Diveheart Foundation has established SCUBA diving as a form of therapy for disabled persons of any age. Providing these individuals with a “weightless environment” allows them the freedom to feel and move in ways they may be unable to under normal circumstances.

Founder, Jim Elliot, has this to say about OCEAN REEF:

“I would say that it was a pleasure using the OCEAN REEF masks recently with a blind diver... Diveheart uses the masks to guide and narrate to visually impaired divers and also uses the masks for [their] cognitively

impaired and quadriplegic divers...it’s wonderful to have a tool like the OCEAN REEF mask to give a wider range of disabled divers the SCUBA experience.”

To learn more about the Diveheart Foundation, visit their website at: www.diveheart.org



“...it was a pleasure using the OCEAN REEF masks recently with a blind diver...”

Did You Know?

There’s More on the SDVL – Air Pressure & Depth



SDVL Simulator

The air pressure display has two sets of LEDs. One is the reference line, where various green or red LEDs show the tank pressure level. No digital information is given. Regarding the reference line, the diver will have an idea of how much air remains in their tank. Flashing red pressure LEDs advise the diver that their air reserve is running dangerously low.

At the beginning of the dive only the ref-

erence bar turns on to indicate the unit is working and will display a depth of 50m/164ft. Once the diver descends past 5m/15ft the LEDs will light up accordingly, giving a reading of corresponding depth. At 40m/130ft the LED turns red. At 50m/164ft the LED red light flashes. It is important to remember the SDVL is a support system and is NOT an alternative to the conventional

pressure and depth gauges, or computers.

The SDVL provides, at a glance, information allowing the diver to quickly evaluate the relative conditions (air supply and depth) of their dive.

Visit our website to view instructional videos and simulation of the SDVL: www.oceanreefgroup.com

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Please, let us know if you would prefer to receive this newsletter electronically.



Upcoming Events

Where Will OCEAN REEF Be?

What: **Northwest Dive & Travel Expo**
When: April 25th & 26th
Where: Tacoma Convention Center
Tacoma, Washington
Web: www.nwdiveandtravelexpo.com



What: **Long Beach Scuba Show**
When: May 30th & 31st
Where: Long Beach Convention Center
Long Beach, California
Web: www.scubashow.com



If you're in the area be sure to look for our booth at the above events!