

creating the **FUTURE**



TABLE OF CONTENTS

EXCITING NEWS	1
TRIVIA CHALLENGE	1
PRODUCT HIGHLIGHT	2
DIVE SITES	3
DID YOU KNOW?	3
TESTIMONIAL	4
UPCOMING EVENTS	4

TRIVIA CHALLENGE

Q: What are the three functions of the new CUBE3?

The first five people to e-mail the correct answer to advertising@oceanreefgroup.com will receive a \$5 gift certificate to Starbucks! Please include your address.

Planning a trip?
Consider diving
NEMO 33
... page 3

Exciting News

DEMA recap — new products

With every new year, comes a new DEMA Show. However this years DEMA Show seemed to come with a different expectation. Much to everyone's delight, not a bad DEMA after all. With today's economic fluctuations and added Las Vegas expenses, you might have expected an unusually small turnout. Not the case at all. Left to right, up down, the crowds were still vibrant and abundant.

At OCEANREEF we make it a priority to continually provide our customers with new and exciting products at the DEMA Show, this years "product reveal" was no exception. Our Italian engineers have given us 5 new innovations. The SDVL, the GSM CUBE3, the Alpha Pro X-Divers, the GC 2008, and the Gamma Alpha.

The most notable of the new products is the SDVL, Shield Display Visor Light. The SDVL provides divers with a "heads up" display giving depth and air pressure constantly. When checking important data while diving (depth and air pressure), a diver usually has to look at their wrist or console display instruments to do so. 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 by visor lights installed in the top of the visor.

Another example of our new products introduced at DEMA is Alpha Pro X-Divers. The X-Divers is a hardwired, full-duplex underwater communication system for conversations between the surface and one or two divers. The system has full volume control for the surface unit, as well as individual volume controls for each diver. The surface unit can be switched for communication between surface and divers 1, surface and diver 2, or surface and diver 1 & 2. A very versatile unit.

To learn more about these and all our other products, visit the website. We'll see you at next years DEMA Show

New Product The GSM CUBE3

At OCEANREEF, innovation comes first. The GSM CUBE³ is an underwater communication unit capable of operating wireless / hardwired or interfaced with a VHF radio!! Three units in one!! If the unit is connected to the ALPHA PRO X-Divers surface unit via cable, then communication is on full duplex with the surface unit (no need to press the transceiver button to communicate). At the same time the unit is capable of communicating with other wireless underwater units such as the OCEAN REEF GSM, GSM DC, GSM G Power and GSM G Power SL, M105 and M100.

By pressing the button of the PTT the unit is transmitting on channel 1 of ultrasonic frequency. The GSM CUBE³ can be connected to a VHF radio through the waterproof carrying bag and other relevant connectors and interfaces. The GSM CUBE³ is equipped with a special plug for the six pin connector which can be used when you don't need to connect cable. You can also connect and disconnect the unit to/from the cable while underwater.



New Product GC2008

Ocean REEF communication units are designed to be user friendly. One of our main commitments is to respond to the variety of diver use applications, including professionals. This is now possible thanks to the GC 2008 adapter which interconnect existing components, thus creating the possibility for new communication systems. For example by using the GC 2008 it is now possible to interconnect the surface unit of the ALPHA PRO X Divers (hardwired system) to the microphone headset assembled (MHA-2) supplied with the GSM G-Power, or separately.



This allows the diver to operate via cable by switching from the GSM G-Power SL (installed in the H08 Helmet) wireless unit to the hardwired full duplex and headset system.

Another option is to connect the MHA-2 to the surface unit of the Alpha UWCP (underwater cellular phone) by using the GC 2008. The GC 2008 can be installed underwater.

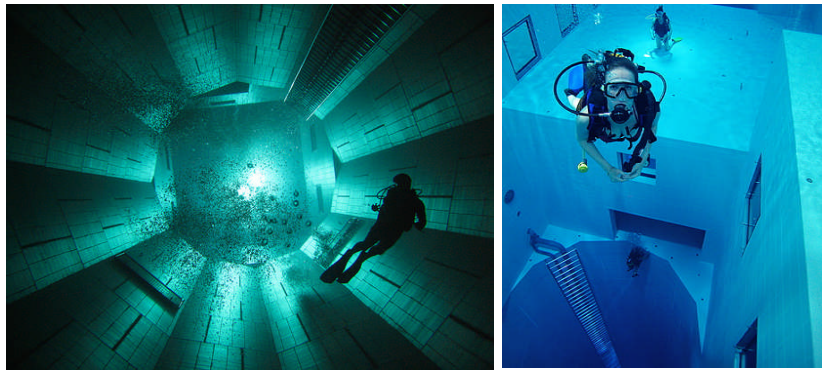
New Product Gamma Alpha

The GAMMA-ALPHA is a hardwired audio and video communication system. The surface unit may be connected by audio and video to 2 divers. The GAMMA-ALPHA allows conversations between the surface and one or two divers, powered volume for both diver and surface, adjustable volume (from surface unit) for both diver and surface.

With regard to the video, the installed 7" LCD color monitor displays the video feed coming from the UW camera of diver 1 or diver 2. It is possible to patch the

video to external monitors / recorders. There are 3 different possibilities of video recording: diver 1 through video out plug #1, diver 2 through video out plug #2, mixed through the video out plug under the switch. With this third option, one can record the same images you see in the 7 inch monitor





Dive Sites

NEMO 33- worlds deepest pool

Ever feel like the shallow 8 foot pool gets a little boring? What if it was 33 meters? Would that be better?

If your ever in Belgium, make sure you check out Nemo 33. Nemo 33 is a recreational diving center that is home to the world's deepest swimming pool. The pool itself consists of a submerged structure with flat platforms at various depth levels. The pool has two large flat-bottomed areas at depth levels of 16ft (5m) and 32 ft(10m), and a large circular pit descending to a depth of 108 ft (33m). It is filled with 660,430 gallons of non-chlorinated, highly filtered spring water maintained at 86°F (30°C) and contains several simulated underwater caves at the 33ft (10m) depth level. Within these caves, one can remove their mask and breath in the ventilated air cavity for a light break before continuing their dive. The space is usually reserved for training.

There are numerous underwater windows that allow outside visitors to look into the pools at various depths. From here one could watch fellow divers go through their dive from the safety of a full bar /restaurant. The complex was designed by Belgian diving expert John Beer naerts as a multi-purpose diving instruction, recreational, and film production facility, and opened in 2004.

You can take only a few items of your own dive kit (computer, mask, pool fins) but no BCD, fins that require booties, regulators (unless they have an integrated air linked to your computer - but no DIN fittings at all), lights, etc. If your planning a trip, don't forget to make reservations in advance, space is limited. Also, make sure you bring your own buddy. Renting a Nemo buddy isn't cheap.

Although you wont find any wild life or cool coral here, you will find a really deep

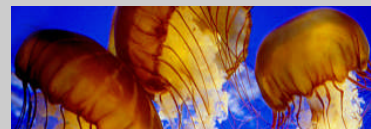
DID YOU KNOW?

It's an ordinary dive, your out in open water ... and suddenly feel like you've been electrocuted. Scientists believe this may be another side effect to global warming, marine invertebrates out to get you. Bathers in Europe are reeling from an onslaught of jellyfish.

It has been reported that in one week, 62 bathers were stung by jellyfish at Spain's Costa Blanca beach alone. The most troublesome species is the Mauve stinger, which is reported in vast numbers off the Balearics and in the Mediterranean.

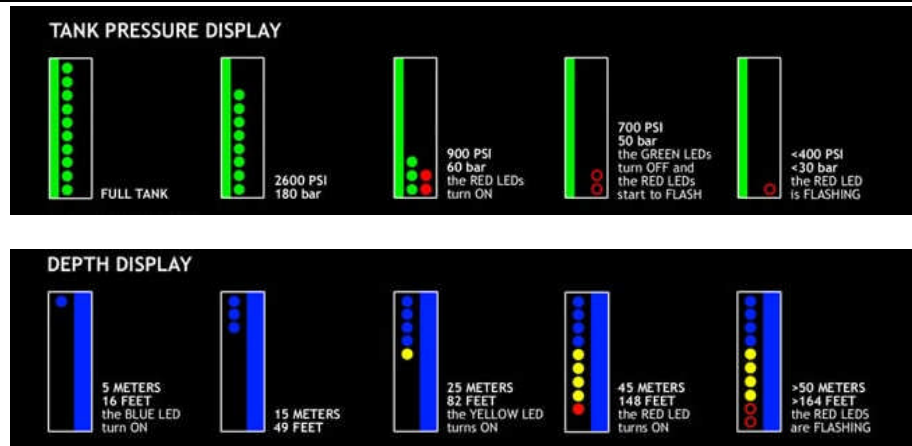
Ironically, this slimy jelly-producing sea creature is conquering the world's oceans without the use of brain function, instead the jelly is equipped with a nervous system and rhopalia (sensory structures) to perceive stimuli.

The over population is credited to warming oceans and over-fishing, which removes predators and competitors. The worst example is the Black Sea-90 per cent of the biomass there is jellyfish, according to one sample. Remember, if you are stung, hot water is the best way to treat a sting.



Bonus Feature SDVL LED details

As mentioned on page one, the new SDVL provides divers a “heads-up” display giving depth and air pressure constantly. Here are a few images that describe the LED bars and their corresponding meaning



Upcoming Events

Kelp Tank Show at the Stephen Birch Aquarium

Come see our very own Space Masks in action with our friends at Scripps Aquarium

Every Tuesday and Thursday starting at 12:30PM

Every Saturday at 2:00PM

“Once a customer always a customer” Ocean REEF considers all our customers part of the Ocean REEF family and we want to keep you posted on the latest news from our company by mailing or e-mailing you *Creating the Future*. To receive our newsletter, please mail us your name & address, or e-mail your information to advertising@oceanreefgroup.com.

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