



## TABLE OF CONTENTS

EXCITING NEWS	1
TRIVIA CHALLENGE	1
PRODUCT HIGHLIGHT	2
TECHNICAL INFORMATION	2
DIVE SITE	3
DID YOU KNOW?	3
UPCOMING EVENTS	4

## TRIVIA CHALLENGE

**Q:** The OceanREEF website can be translated into Italian, German and what other language?

The first five people to e-mail the correct answer to [advertising@oceanreefgroup.com](mailto:advertising@oceanreefgroup.com) will receive a \$5 gift certificate to Blockbuster!

**F**antasy Island includes amazing Dive Park ...  
**page 2.**

## Exciting News

### Unknown Ship Wreck Sails Again

Deep on the cold floors of Lake Erie lies a treasure that's been resting quietly for an estimated 317 years. A completely intact and pristine wooden vessel has recently been discovered and is creating a world of excitement.

Pat Clyne, a well respected Oceanographic Film Maker, has been organizing a project that surpasses any in the field. In September of this year, Pat's crew will be filming an IMAX Documentary around this incredible wreck. Our very own OceanREEF Neptune Space Masks will be the first to see it all.

So who's ship was this? The French? The English? Did it ever see battle? Exactly how old is it? "We don't know ... YET!" says Pat, "But we can't wait to find out." According to Pat, it's the best preserved ship wreck he has ever seen, and Pat's seen his share. Both masts are still pointing straight up, the wood is beautifully preserved, and the treasures within will be amazing. On a preliminary dive to the wreck, Pat and his crew discovered a pristine oil lamp with a date of 1690. "The ship must be at least 317 years old, and perhaps older!"



The idea that has everyone excited is the plan to carefully raise this entire ship and place it in a huge plexi-glass aquarium tank for everyone to view, as conservation and archaeological work continues. To do this, the crew will be creating groundbreaking technology to raise the ship, causing as little damage as possible. "This will be our greatest challenge, but we aim to take great care of her every inch of the way."

"With two underwater IMAX 300lb cameras and 4 lighting technicians, communication is absolutely necessary. This is where your equipment will shine." The Neptune system will be assisting the entire project. They'll be making wonderful use of our M-101AR to receive communication for the IMAX film, as well as our Neptune masks. "I cant wait to see these masks in action, gonna be fun!"

## Product Information

# The Dynamic Microphone

Although the GSMs Dynamic Microphone or “D-Mic” may seem like a tiny piece of the mask, it’s actually a fairly innovative and smart little piece of equipment.

When speaking inside our Full Face Mask, a series of reflections and vibrations called “distorted frequencies,” are generated. The DSP microprocessor removes unnecessary “low frequency” noise such as air bubbles, or “high frequency” noise from mask vibrations, allowing dependable clear reproduction of the human voice. If they are not removed, these distorted frequencies will be amplified making audible comprehension very difficult.

The D-mic is encapsulated and protected by a hydrophobic membrane. This membrane allows air to pass through while protecting the microphone from water. To further limit any reduction in the quality of the vocal signal, the membranes thickness has recently been reduced. This membrane also reduces the “muffling” effect, allowing a very high phonic performance. Another characteristic of the hydrophobic membrane is its mechanical strength. The D-Mic is fitted with a membrane that is designed to handle pressure of more than 14.7 PSI.

Remember, the Neptune masks are designed to operate under “balanced” pressure. If the mask is removed underwater the microphone will not suffer any damage. However, continuing to dive without the mask sealed on the face may damage the microphone.

Don’t forget, rinse your communicator and microphone after each dive. Place it in a well ventilated area, away from direct sunlight.



## Technical Information:

# Let Anyone Hear Your Thoughts

So you own a Neptune mask and underwater communication unit, but you don’t always have a buddy with the same equipment. If you belong to a dive club or enjoy traveling on your own, you may have a different buddy every time you dive. What can you do to get the most out of your equipment? One solution is to purchase an M101A receiver unit that whomever you dive with may use.

The M101A unit is a receive-only unit that works on the same frequency as the GSM or GSM DC’s. It can be worn on our Neptune FFM, any conventional mask strap, clipped to a BCD, or simply carried in one’s hand. Like our other communication units,

activation occurs automatically with water contact. No special training is required to use an M101A; so any diver can use this unit.

When diving with someone new, establishing clear communication is important. The ability to communicate verbally can be invaluable in most any situation.



**ATLANTIS**  
THE PALM, DUBAI



### **Dive Sites: Fantasy Island Includes Amazing Dive Park**

For those of you who haven't already heard, Dubai has been very busy creating a fantasy island called Palm Jumeirah. The island is a 12-square-mile island group, and is part of what's billed as the largest land-reclamation project in the world – the product of five years of brute hauling of millions of tons of Persian Gulf sand and quarried rock.

When fully completed, the Palm Jumeirah will be an offshore city, with some 60,000 residents and at least 50,000 workers in 32 hotels and dozens of shops and attractions. Among the many destinations on this island is the Palm Atlantis. In December 2008, the Palm will open its monumental doors to introduce the world to over 1.2 miles of fresh water adventure.

Atlantis, The Palm will feature unique water attractions including one of the world's largest marine habitats with more than 65,000 marine inhabitants (including some species that have never resided in the region), several marine animal and mammal

encounter programs, an array of water slides and "The Dig," an Atlantis-theme 'archaeological' experience with unusual and distinctive marine exhibits. This one resort will cover an amazing 112.5 acres 42 of which cover the waterscape park.

If you're tired of those boring getaways on land, try a hotel at a depth of 20 meters under the sea. Plans are underway to create Dubai's Hydropolis, the world's first luxury underwater hotel. It will be one of the largest contemporary construction projects in the world, covering an area of 260 hectares, about the size of London's Hyde Park. Remember, when you're checking-in, don't forget to visit the land station first, then take the underwater connecting tunnel, and then drop off your luggage at one of the 220 ocean view suites within the submarine leisure complex. Jules Verne would have to be impressed!



### **DID YOU KNOW?**

As divers, we are privileged to explore the last frontier on the planet, our Oceans! However, with this privilege comes great responsibility. Preserving and protecting the sea is everyone's responsibility, but we as divers can often make the greatest impact.

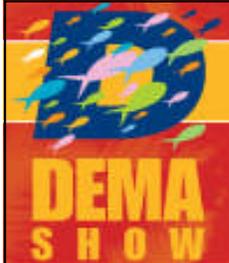
There are endless ways you can contribute to marine conservation. For example:

- *When planning a dive trip, look for "green" operators and resorts.* These environmentally conscious businesses will often donate a portion of their fees to support conservation efforts.
- *Take only photographs, leave only bubbles.* Millions of creatures and rocks are taken home by divers, disrupting natural cycles.
- *Reduce, reuse, recycle,* the fewer disposable containers we use, the fewer we'll see in the oceans and shorelines.
- *Boat responsibly.*
- *Join a cleanup.* Check out [www.coastalcleanup.org](http://www.coastalcleanup.org).
- *Don't use Styrofoam.*
- *Watch that anchor.*
- *Shop for sustainable seafood.*
- *Buy a specialty license plate supporting oceans.*
- *Teach your children about the importance of our seas.*



*Bonus Feature*

**Where's Ocean REEF?**



**Attention Diving Industry Professionals!**  
DEMA Show is in Orlando, Florida October 31st through November 3rd, and Ocean REEF will be there! We've got new products and equipment packages as well as informative class sessions. Come visit us at booth #919, located at the front of the exhibit hall. [www.demashow.com](http://www.demashow.com)

**Upcoming Events**

**Free Full Face Mask and Communications Clinic.**  
Includes a classroom and pool session.

Join our very own John Boyer at the San Marcos Sports Chalet, Grand Plaza.

177 South Las Posas Dr.  
San Marcos, Ca 92078  
Sunday Nov 11, 12pm–5pm



**Orlando Florida**  
**Oct 31–Nov 3**

**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](mailto:advertising@oceanreefgroup.com).

**OCEANREEF®**  
connecting divers

1699 La Costa Meadows Dr. Ste. 101  
San Marcos, CA 92078