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## TRIVIA CHALLENGE

**Q:** The Neptune Space Predator regulator is constructed with what durable material?

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 mailing address.

**Underwater Museum**  
being created in  
Alexandria Egypt  
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## Exciting News Living Under the Sea

Ever wanted to live under the sea? You may be able to very soon thanks to a venture called Project Abyss, Explorer Team Pelican. A small underwater colony has been created at an island called Ponza, Cala Feola, off the coast of Italy. For 336 hours, (14 days), a group of 6 Aquanaut athletes lived their lives in partially self-sufficient bells. Each bell has its own unique purpose, such as providing living quarters, to generating electricity, and providing food deliveries, and desalinating ocean water to fresh water.

The aim of the Abyss Project is to pioneer a physiological livable space within the extreme conditions of the ocean. This includes understanding all changes that occur at epidermal, cardiac, pulmonary, metabolic and physiological levels. During the hours of the day the crew had to obtain their food, work on construction of the village, monitor equipment, visit the gym, and daily living. Thirty percent of their time was spent in the common structure, a watertight pressurized compartment. The rest of the time was spent in the open



sea. That's where OceanREEF comes in. The Aquanauts were equipped with our very own Neptune Space masks and communications systems. Throughout the 14 days of exposure to the sea, these aquanauts had the extraordinary advantage of constant communication to the surface and each other. Due to the maximized exposure to the elements, as much as 14 hours a day, divers were able to keep their faces dry and supple thanks to our full face masks.

Aquanaut Giordani: "We have left a key on the ocean floor, a key that opens the door to this splendid world, a key that belongs to everyone on earth."



## Product Information

### Our Newest Product, the GSM VHF

So what is the GSM VHF? The GSM VHF is a very unique communication system with the integration of Ultrasonic / Underwater communication features and the VHF long distance communication requirements. It is mainly dedicated to Rescue Team Divers and was developed in collaboration with the Italian Red Cross. The unit is made by a complete GSM standard hardwired to a specially modified waterproof radio carrying bag in which a number of different models of VHF radios may be inserted and interfaced.

It is necessary to specify the kind of the radio used and OCEAN REEF will customize the required interface cabling. The waterproof radio carrying bag may be connected to the BCD or shoulder of the diver. The GSM may be disconnected from the waterproof radio carrying bag by a rubber waterproof installed connector. It allows for the diver to separate the mask / com unit from the VHF radio complex.

When the diver is underwater he/she may communicate with other divers and the surface with the GSM unit acting as a PTT unit. While at the surface, the radio operates and receives audio that can be heard through the speaker of the GSM unit while the transmission is effected by the mask built in microphone just

by pressing the PTT. The diver doesn't need to press any additional button to switch from an ultrasonic diving scenario to air VHF communication. The diver may communicate at the surface with any operator on a helicopter, boat or land even at long distance. One does not need to remove the mask and may continue to operate by wearing the mask and the underwater communication unit (GSM). The two systems (underwater and VHF) have completely independent sources of power.



## Product Information

### GSM G-Power

The GSM G-Power is a powered version of the GSM standard. This unit has been developed for divers requiring a very long range compact/light underwater communication unit. Depending on the surrounding environmental conditions, the GSM G-Power can communicate with any other Ocean REEF communications system (underwater and surface) with a range of 500 meters (1500 feet). The unit also has an autonomy of approximately 25 hours (standby mode). The second built in button of the PTT system, allows the diver to adjust the volume of the speaker by choosing the best level, ac-



ording to his/her needs (ie. use of a hood). The exterior of the unit is coated with a "rubber surface treatment," which reduces the adhesion of micro-bubbles, and improves underwater communication.



### Dive Spots

## Underwater Museum in Alexandria

Beneath the blue waters of the Mediterranean sea lie the shattered stones of a sunken metropolis, Alexandria, what some call the New York of the ancient world. The remains of this over 2300 year old city, show eerie evidence of a disaster that shattered this once powerful capital. It is believed that a massive earthquake caused this monumental catastrophe. The underwater ruins of Alexandria are now covered in massive collapsed palaces, and sunken cities, waiting to be explored.

Rather than pulling these colossal artifacts out of the sea and stocking them in dusty museums, damaging the site and suffering great expenses, a different approach is being taken. An organization called UNESCO, United Nations Educational Scientific and Cultural Organization, has set forth a massive project that will exhibit these archaeological treasures in a futuristic

underwater museum. Divers will have the ability to dive straight in to the heart of the ancient city and observe these once restricted wonders with their own eyes. Visitors will be able to experience breathtaking guided tours and elaborate expeditions.

This project is getting a lot of support, especially from the International Workshop on Submarine Archaeology and Coastal Management who believe the project will not only protect this irreplaceable find, but will also provide an economic value to the archaeological sites of Alexandria, as well as the people of Egypt. Once the underwater and surface museums are completed, tourists and visitors are now expected to flock to the Pyramids, Luxor, and then finish off their trip with an unforgettable diving adventure in Ancient Alexandria.

### DID YOU KNOW?

An organization called Comunidad y Biodiversidad (COBI - Community and Biodiversity) is undergoing a huge restoration of marine environments off the coast of Baja California. Their primary mission is to promote marine biodiversity conservation through community participation.

The organization was created in response to the accelerated loss of marine diversity, natural ecosystems and a concern of poverty levels facing developing countries. They believe the best way to improve the quality of life of coastal residents, is precisely by preserving the integrity of their ecosystems and their sustainable use of their natural environments.

To execute such a vision, specially trained oceanographic divers have to train new divers, monitor, record, replant, restore, protect and conserve this precious reserve. For more information about COBI and their efforts, visit [www.cobi.org.mx](http://www.cobi.org.mx)





## Upcoming Events

### Kelp Tank Show at the Stephen Birch Aquarium

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

Every Tuesday and Thursday  
starting at 12:30PM

Sat at 2:00PM, Sun at 10:30AM

### Full Face Mask Demo Day

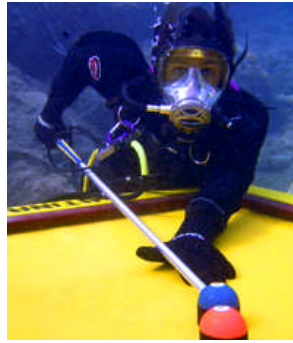
Come and experience the  
mask for yourself. Contact  
Mark Johnson for more info,  
or to set up a clinic.

March 30th @ the Blue Stone  
Dive Resort, NC  
843-324-3141

## Bonus Feature: More Pictures



Archaeologist taking measurements  
of a statue's leg in Alexandria



Project Abyss under-  
water pool game



Project Abyss  
on the surface

*"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**<sup>®</sup>  
connecting divers

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