

CREATING THE FUTURE

m a g a z i n e



Pictures of Vancouver & Gulf Islands

Introduction

This issue of Creating the Future will have some new information for you as well as reminder information about our products and Company. We hope you enjoy learning about the underwater communication unit testing, the history of our Company, the special event of 4 divers staying underwater for more than 4 days, and more! We love to hear feedback about this magazine so send us an email and let us know how we are doing!

Ocean REEF is looking for some **New Accessory Ideas** for the Neptune Mask! If you email us a new accessory idea and we decide to use it then you will receive a **SPECIAL EDITION DIAMOND MASK!**
(advertising@oceanreefgroup.com)

Places to Dive

In the opinion of many seasoned divers, British Columbia (north of Vancouver on the Mainland and Nanaimo on Vancouver Island) is simply the "best diving in the world." Take your drysuit, its cold!

In the thousands of acres of water inland from Vancouver Island the depth changes with the tides anywhere from 6 to 17 feet 3 1/2 times daily (every 7 hours). This means that there are tremendous currents (some up to 16 knots) in the area. What these currents mean to the marine life is that the invertebrates, commonly referred to as "drift feeders", have so much nutrition "going by" that they grow to enormous sizes. The variety of colors displayed in these organisms is a photographer's delight.

In most areas where marine life proliferates the invertebrates are measured in inches. In British Columbia the anemones, tube worms and sponges can be measured in feet. Many rock walls

are covered with marine life that there is not a bit of bare rock showing.

As a result of this proliferation the fish and crustaceans also achieve greater size and numbers. Some of the largest octopus in the world are found here. Many dive areas are home to friendly pairs of Wolf Eels who love to be fed and petted making more great photo opportunities.

The areas around Victoria, Nanaimo, Campbell River and Barkley Sound offer some of the greatest "wreck diving" to be found. This is where the ARSBC (Artificial Reef Society Of British Columbia) began placing diver friendly ships as artificial reefs.

For more information on diving BC check out www.bcdiveguide.com or www.vancouverisland.com



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Trivia Challenge

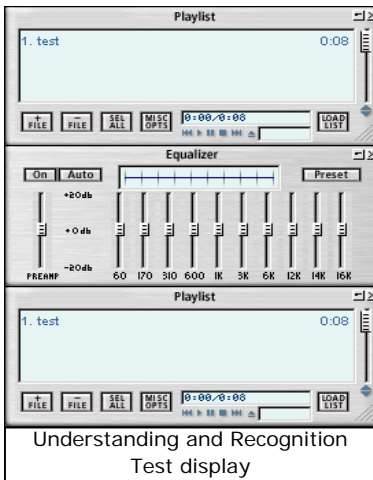
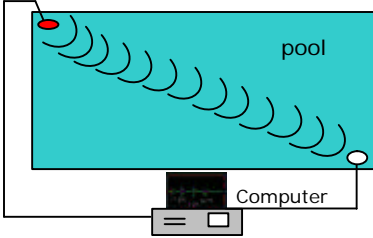
The first five people to email the correct answer of the trivia question to: advertising@oceanreefgroup.com Will receive a **FREE Ocean REEF T-shirt!**

Trivia Question:

What is the current Neptune II NIRA special edition mask called?

1699 La Costa Meadows Drive Suite 101 | San Marcos, CA 92069 | USA
Ph: 1-760-744-9430 | Fax: 1-760-744-9525 | Toll Free: 1-800-922-1764
operator@oceanreefgroup.com

ULTRASONIC COMMUNICATION TESTING
AVAILABLE TESTS: POWER OF TRANSMISSION, COM-
PUTERIZED FULL DATA BASE OF ALL UNITS, QUALITY OF
RECEIVING, RECOGNITION OF WORDS AND TONE



Ocean REEF drinking device

Technical Information

Ocean REEF Evaluates our Communication Systems on 3 levels: Power, Understanding, and Recognition.

Currently the Ocean REEF Communication Systems such as the GSM, GSM DC, and M101A use a 9 volt battery. This battery allows for a communication transmitting range of about 600 feet, with optimum conditions, and an autonomy of 8 hours.

The Understanding and recognition processes are more complex. The following is an explanation of the process the GSM goes through in sending/receiving vocal communication. The voice (a wave of pressure) causes the microphone membrane to vibrate, thus generating an electrical current of information. This information is analogic and goes to a analogic/digital decoder. The information then becomes digital information. Dedicated software cleans and removes all useless frequencies (echoes and air bubble noise). After the filtration, the signal is re-transformed in an analogic signal and driven to the antenna (through an amplifier) where it becomes

an ultrasonic frequency.

To test the ultrasonic communication units, Ocean REEF uses an 8,000 gallon pool with top of the line computer equipment and software. During one of the tests, a special bracket holds the communication unit. When transmission begins the computer delivers to the unit a number of impulses from 300-3300 Hz. (during a receiving transmission test, these impulses are delivered by another antenna at the opposite side of the pool). After testing the unit 3 times, it creates a diagram showing the energy delivered, or received, and the related frequency. There are other tests for understanding and recognition that are performed by the computer by sending authentic voices and words through the communication units underwater. These tests and more are done to make our underwater communication units the best available!



Exciting News

Ocean REEF is excited to inform you of our involvement in an international event to break a diving world record!! At the Undersea Festival Mons in Belgium on May 12-16, 2004, Ocean REEF will be assisting a team of 4 divers in breaking and making a new world static underwater record! This record is of the longest time a diver has stayed underwater. The current record was made 19 years ago (March 17, 1985) by a Brussels fireman/diver, Michel Kindermans.

Ocean REEF is supplying 9 Neptune II NIRA's with narguile and drinking device masks, as well as underwater communications units for 8 divers (ALPHA PRO and GSM wireless + M105 surface units). This team of divers has a goal of staying underwater for 105 hours (more than 4 days)! The challenges that this record imposes on divers could only be overcome with Ocean REEF's innovative

diving equipment. The challenges are:
A. Temperature protection of the face
B. Drinking and eating
C. Sleeping
D. Breathing for 105 hours without having a tired mouth from breathing through a conventional regulator

The Neptune II NIRA (Full Face Mask) solves all of the above challenges. Due to the effective, comfortable, tight seal of the mask the face will remain warm the entire time underwater. Due to innovative Ocean REEF equipment, divers will be able to eat and drink to get all the calories and nutrients they need to live and be healthy. Also, because of the innovative oral-nasal system in the Neptune II NIRA the ability to breath comfortably, whether awake or asleep, will be natural and almost effortless for the divers. *Look for the results of this event in the next Creating the Future issue!*

Product Highlight

Ocean REEF has created a special edition Neptune NIRA called the Neptune "Diamond." This is a limited edition mask (only 3000 have been produced)! You may ask yourself what makes the Neptune "Diamond" better than the regular Neptune mask. Well, we are going to tell you. . .

First of all, the Neptune Diamond mask is made of pure crystal Dymasil silicone to improve the comfort and the large visual field of the Neptune mask. The Neptune Diamond comes with some accessories; a quick connect hose, and a special new surface air valve with an easy adjustment and larger air vents to reduce the breathing effort. This mask is also compatible with all the other accessories offered for the Neptune masks. The Neptune Diamond is available as a Neptune Kit with the new GSM DC.

When purchased, the Neptune Diamond comes with:

- * Padded carry bag
- * Additional document compartment
- * Visor protector
- * Maintenance tool kit
- * Video Tape (quick course in basics of using the Neptune II NIRA)
- * User's Manual, Full Face Mask Diver Card, Warranties
- * 1st stage connecting hose

There are only a few Limited Edition Neptune Diamonds left! Purchase your "Diamond" TODAY before they're gone!



Employee Highlight

Krista Haynes is part of the US Ocean REEF Office family. She takes care of the accounting and finances for the U.S. She has about 11 years of experience in this field and is very good at what she does!

Krista grew up in Connecticut and has since then lived in Texas and California. She is married with one son. One of her favorite foods is seafood. One of her favorite restaurants is Claim Jumper. Krista enjoys photography and the outdoors. She loves to travel too. One of her favorite places she's visited is Bermuda. She loved the blue water and unique scenery there. Someday Krista would like to horseback down into the Grand Canyon!

One of the interesting things Krista has done in her life was a visit to a vineyard in Temecula, California where she learned how to choose a good bottle of wine.

Krista is always full of smiles and great conversation. She is a hard worker and fun to be around. We are glad to have her as part of the Ocean REEF family!!

Did you know?

Ocean REEF has over 50 years of history! After World War II, the father of the current owners of Ocean REEF (Guido and Sergio Gamberini) began manufacturing diving equipment in 1950 in Italy. He molded diving mask straps, fins, etc. By 1974, the company produced about 64% of the world diving rubber products (fins, snorkels, masks, etc.). At that time the company was producing about 2.3 million pairs of fins per year!

In 1980, Guido became the Company President and began managing the company affairs and diversified the types of products made by the Company (diving equipment, watch rubber/silicone components, safety equipment, medical devices, etc.) Sergio also came on board to assist with the company as the Managing Director over Diving & Safety equipment, and the USA Ocean REEF office. In 1993 The Company changed its name to Ocean REEF and the USA office was founded. Ocean REEF headquarters are still in Italy and our Company currently has 4 divisions producing: diving equipment, safety equipment, Military products, and watch products.



Picture of Krista

Email us
your thoughts
about your
Neptune II NIRA?
advertising@oceanreefgroup.com



Purchase a Neptune II NIRA & Get a FREE Quick Connect Hose!

Must purchase Neptune II NIRA at an authorized Ocean REEF dealer by May 31. Must mail or fax a copy of receipt of purchase and this coupon to our Ocean REEF Office.

Manufacturers Coupon
Expires 05/31/2004



Upcoming Events

Full Face Mask Demo:
Charlotte, NC
May 18, 2004
Location/Time: Open Water Adventures
5:30-7:30 pm
Contact: (704) 547-5991

Instructor/Instructor Trainer Course:
Charlotte, NC
May 18, 2004
Location/Time: Open Water Adventures
8:30am-4:00pm
Contact: Mark Johnson (843) 324-3141

Full Face Mask Demo:
Mt. Storm, West Virginia
July 31, 2004
Location/Time: Scuba Venture
10:00am-3:00pm

***Bring your own gear**
***Neptunes provided**

Instructor/Instructor Trainer Course:
Oklahoma City, OK
May 11, 2004
Location/Time: The Dive Shop
9:00am
Contact: Jim at (405) 767-1200

Instructor/Instructor Trainer Course:
Cookson, OK
May 20 2004
Location/Time: Nautical Adventure
9:00am
Contact: Tim Knight at (918) 457-3483

Diving Tip

Your ability to properly fit your Neptune Mask to your head/face can make or break your dive experience. We want to remind you that each Neptune Mask comes with a quick reference card about how to properly put on a Neptune Mask. If you lost your card, contact us and we can send you another.

Be sure to adjust the middle straps to your head first, then the bottom straps followed by the top straps. After pulling on the lower hanging bulbs to remove your mask, when putting on your mask again, you should only need to adjust your middle and lower straps (your top straps should not need adjustment after being adjusted once already). If the Neptune Mask is not properly fitted then issues of the mask pulling up and over on the chin and mask fogging may occur. If you have further questions about putting on the Neptune mask properly, call 1-800-922-1764.

