

SEARCH TEAM NEWS

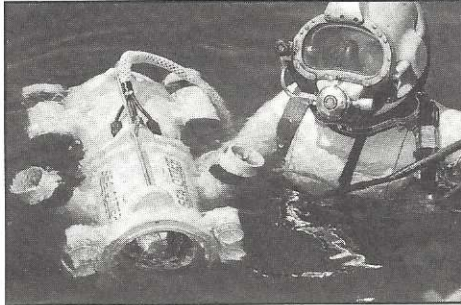
J.W. FISHERS MANUFACTURING INC

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FISHERS

UNDERWATER SEARCH

ISSUE 4-1

ROV TRAINING ADDED TO COMMERCIAL DIVING SCHOOL



DIVERS ACADEMY DIRECTOR TAMARA BROWN WITH SEAOTTER

Divers Academy of the Eastern Seaboard has purchased the SEAOTTER ROV for use in their commercial diver training program. The Camden, NJ. training facility is recognized as one of the most progressive commercial diving schools in the country. The school has become a leader in educating and training underwater workers in the science, technology and skills required of commercial divers. Divers Academy is more than just a place to learn how to dive. It is the place to become a competent commercial diver.

"We work very hard to stay abreast of the latest advances in the technology commercial divers are exposed to", says academy director Tamara Brown. "The SEAOTTER was a natural addition to our expanding program."

"The SEAOTTER is not designed to replace the commercial diver, but rather to enhance his capabilities. The ROV can greatly enhance the divers safety under difficult or dangerous conditions. The system can pre-inspect hazardous sites before the diver ever enters the water. The ROV can then remain in position and monitor the divers condition while on site."

"The SEAOTTER is going to become an integral part of the academy's training program", Tamara tells us. "We intend to instruct our students in the many uses of the ROV and familiarize them with ROV operation."

Divers Academy of the Eastern Seaboard is located on the Delaware River alongside a South Jersey port pier. The location provides diving conditions that are similar to those commercial divers actually work in. **JWF**

TOWED CAMERA AND MAG FIND BOMBS AND ANTIQUE AIRCRAFT



EX-MARINE BUILDS COMPANY ON HIS MILITARY EOD TRAINING

Donaldson Enterprises, Inc. EOD Services of Kaneohe, HI. is a locally owned firm that specializes in the location and identification of unexploded ordnance on land and in the oceans. "Gunny" Donaldson, as his friends call him, founded the company in 1986 and has operated all over the Pacific Rim doing work for both the US government and private industry.

The 26 year marine veteran was a demolitions expert in the military. Upon returning to civilian life he thought about how he could use his extensive knowledge of explosives to make a living.

Well, just about everyone knows the Hawaiian islands have been used as a bombing range by the U.S. government and others for years. What better way to utilize his skills as an expert at handling explosives. The only problem was that many of the explosives that needed to be recovered were underwater. Gunny's now successfully tackling those jobs too, with his purchase of a TOV-1 towed camera and a proton mag.

Projects to date include an underwater survey for unexploded ordnance around several islands which were bombing targets during World War II. The TOV-1 was utilized in tandem with the magnetometer. The outputs of both devices were recorded and compared. The areas that showed the most promise were computer enhanced. Even small pieces of shrapnel could be located using this method.

"The towed camera/magnetometer method took only a fraction of the time it used to take us using the divers. Now our divers only have to get in the water when we know there is a target. With some of the big sharks in these waters we don't want to be down any longer than we have to. With the TOV-1 we can even keep an eye on the divers while they are working", Gunny tells us.

A new service that Donaldson Ent. has added is locating HTW (hazardous and toxic waste). The company was recently contracted to search and locate a suspected dump site. A water channel that was used as a runway for amphibious aircraft during the war was suspected of having become a dumping ground. The targets were a number of 5 gallon cans. "The cans were a relatively small target for the mag to locate, but it did a beautiful job. We pin-pointed their location in no time."

Other services the company offers include locating vintage WW II aircraft to sell to hobbyists and aircraft buffs. He has also found a market using the towed camera to aid local marine biologists in their survey work.

Gunny reported, "The TOV-1 has proved to be perfect for biological survey work because it doesn't off-gas like divers, which disturb the natural behavior of marine life. The TOV-1 also has the added benefit that it can stay down forever!" **JWF**

STOLT COMEX PURCHASES SIDE SCAN FOR SEA FLOOR MAPPING OPERATION



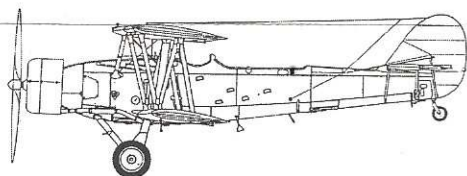
SSS-100K SIDE SCAN FEATURES EASY ONE-MAN DEPLOYMENT

The international marine services company STOLT COMEX SEAWAY has purchased a J.W. Fishers SSS-100K side scan sonar. A Stolt Comex side scan operator flew from France to Fishers factory in Berkley, MA for a "hands-on" demonstration of the system. Jean Adams was no novice to side scan operation. Having extensive operating experience with Klein and EG&G side scan sonars, he knew what to look for in a good system - adjustable ranges down to 12 meters, a high quality wide-paper thermal printer, and one man operation were essential features for their application.

Jean was very impressed, "The print-out is every much as good as the other systems, but they cost 2 or 3 times the cost of the SSS -100K. It was worth the trip to see the system", Jean told us. "I can get two of yours for less than the cost of one of theirs."

The system will be used for sea-floor mapping in the Persian Gulf. *JWF*

SEAOTTER LOCATES AND FILMS WWI FIGHTER AIRCRAFT



THE "SHARK" AS IT WAS DELIV- ERED TO THE CANADIAN AIRCORP

Ed Burtt of Ocean Scan Systems in Belleville, Ontario has located a WWI fighter aircraft in Lake Ontario. Aircraft historians from Canada's Ministry of Culture and Communications are viewing the video footage of the aircraft to make a positive identification.

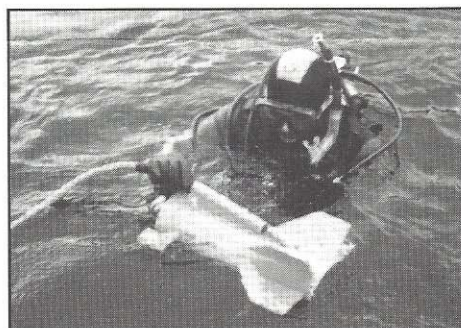
Ed, a longtime user of Fisher systems reports, "The plane is in remarkable condition, the bombs it carried were still intact."

This was Ed's third major find with his SEAOTTER. *JWF*

DIVE RESCUE TEAMS PUR- CHASE UNDERWATER CAM- ERA SYSTEMS & METAL DETECTORS

The Brattleboro, VT. Fire Department's dive rescue unit has purchased the TOV-1 towed video system to help in locating drowning victims in area lakes. "Some of our area lakes are quite deep and the divers bottom time can be very limited", says Lt. Ron Hubbard, one of the departments divers. "The towed video will allow us unlimited search time without having to compromise the safety of our divers."

Below, Brattleboro Fire Dept. divers hand hold the towed camera in preparation to videotape evidence located with the system before removing it from the water.



DIVER RECOVERS TARGET IDEN- TIFIED BY TOV -1 TOWED CAMERA

During a recent operation, the system was demonstrated to Vermont State Police and area law enforcement officials. The TOV-1 was used to search for a 22 year old man whose canoe was found capsized in Lake Sadawga.

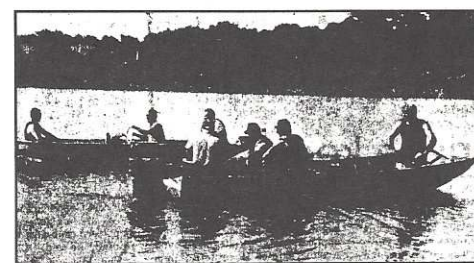
The New York City Police Dept's dive rescue unit has purchased a SEAOTTER ROV, the DV1 dropped video, and Pulse 8X hand held detectors to aid in investigating drug trafficking operations in New York harbor. The hand held detectors will also be used in criminal investigations to locate weapons suspected of being disposed of in area waters.

The City of Philadelphia, PA police marine unit has purchased the Pulse 6X metal detector for the same kind of work.

The Erie, NY County Sheriff's Dept scuba team just added a Pulse 8X to their inventory to be used for land and underwater weapons recovery.

Internationally a large number of police and fire rescue units have purchased the Pulse 8X, boat-towed detectors, side scan sonar, and underwater video equipment to aid them in their work. The Tokyo Police Dept. has recently purchased 22 of Fishers hand held pulse detectors for their underwater weapons recovery work. *JWF*

PULSE 8X SOLVES CRIMES, HELPS BRINGS FLOOD RELIEF



COPORAL JIM FOSTER AND DIVERS OF THE MISSOURI STATE WATER PATROL

Corporal Jim Foster of the Missouri State Water Patrol has the unpleasant job of trying to find weapons used in committing heinous crimes. CPL Foster locates them underwater however, in some of the worst diving conditions imaginable.

Jim has an excellent success rate though using his Pulse 8X detector. In a recent recovery, the handgun had been disassembled before disposing of it in an area lake. The P8X located every piece of the weapon down to the last screw and spring.

Recently the Pulse 8X was used in an even more important job. During the recent flood in the Midwest, Jim and his detector were called on to try to locate an underground valve which was covered by 5' of zero visibility water. If the valve could be located, drinking water could be restored to 3 of the surrounding towns. Jim and his P8X were able to locate the valve in no time. *JWF*

TOV-1 PURCHASED BY MASS STATE POLICE

The Emergency Dive Rescue unit of the Massachusetts State Police at Logan Airport in Boston has purchased a TOV-1 towed video for use in their operations. Sgt. Charlie McKinnon of the Mass State Police tells us the system will be used in rescue operations involving aircraft in Boston Harbor and surrounding areas. Recently the TOV-1 located and video taped a wreck in 85' of water.

The Mass State police assisted the Rhode Island police in their search for the Emerys, a couple who were suspected of jumping to their deaths from the Jamestown bridge.

RI State police diver's had searched the frigid waters of Narraganset Bay for a week. The 100' depths were hampering divers efforts due to the limited bottom time.

The TOV-1 made the search considerably easier. Despite extensive coverage by the TOV-1, the couple was not found. The RI state police were so impressed with the performance of the system they are putting one in their budget. *JWF*

NEW ENGLAND TREASURE HUNTERS SEEK FAME AND FORTUNE



EIGHT NEW ENGLANDERS LOOK FOR TREASURE IN THE CARIBBEAN USING THE PULSE 12 & PULSE 8X

Eight men are leaving their jobs, families, and friends behind to search for sunken treasure and adventure in the Caribbean.

The story dates back nine years when one of the group, Greg Brooks, went scuba diving around Haiti during a vacation. Off Haiti's north coast he found coral encrusted silver bars. Knowing the Haitian government would never allow him to take the treasure, he left the bars where they were. Four years later he returned to the same spot equipped with a metal detector. The detector went crazy all over the site. Greg did some research and discovered that the number of shipwrecks off the northern coast of Haiti is at least 344.

Last October he finally got permission from the Haitian government to recover the treasure. Since then, he has raised money, consulted with shipwreck experts, and interviewed others to join him. After years of preparation, the time has come to stop planning and start diving.

Another target of the group is the 1605 fleet which was lost in a hurricane south of Jamaica in Colombian waters. Hundreds of ships, many filled with gold, silver, religious artifacts, and jewels have wrecked in the area, the first being Christopher Columbus' ship, the Santa Maria, in 1492. The group has reached an agreement with the Colombian Research Institute to locate and retrieve the treasures.

Lee Spence, a world-renowned marine archaeologist who has written 14 books on treasure hunting, said the fleet is thought to have carried between 240 and 340 tons of treasure.

Included in the arsenal of equipment the group is bringing are the Pulse 12 boat towed metal detector and several of the diver held Pulse 8X's.

Their ship is a 95 ft. surplus Canadian coast guard cutter. *JWF*

64 YEAR OLD STILL HUNTING GREAT LAKES TREASURE

Longtime treasure hunter, Charles Handy of Kennet Square, PA has purchased a Proton 3 magnetometer. The 64 year old Handy is a navy veteran, and a retired Dupont manager.

Instead of spending his retirement gardening or playing golf, he's hunting sunken treasure in the Great Lakes. "About the late 50's a program called *Sea Hunt* sparked my interest. I got a tank and fins and started out."

Since that time, Charles has built up quite a treasure chest of finds including an 1800's 1200 lb anchor, 18th century war memorabilia, and silver coins minted in Mexico in 1779.

This summer Handy and his crew will board his 33' boat Rainbow and head out in search of "virgin" wrecks. *JWF*

\$15,000 ROLEX LOCATED WITH UNDERWATER CAMERA

Bill Wilson of Norcross, GA used his DV2 deep drop video system to locate a \$15,000 Rolex watch which was lost overboard.



Once he located the watch, Bill installed a wire hook on the front of the camera and "snatched" the watch off the bottom.

MORE TREASURE RECOVERED FROM CONCEPTION WRECK SITE

World renowned treasure hunter Burt Weber is once again working the Silver Shoals, wreck site of the famous Spanish galleon the Conception'.

Burt has recently returned to the site with Fishers Pulse 12 boat towed metal detector. "The technology didn't exist at the time we initially worked the site to locate treasure imbedded deep in coral. With the Pulse 12 we now have the ability to detect artifacts deeper than we could previously."

Burt called us after returning from the trip. "We made some major finds with the Pulse 12; we used the P12 as a hand-held and reworked areas we had worked before. The P12 made a big difference."

Mr. Weber has used many different types of detectors in his many years as a professional treasure hunter. He says; "the Pulse 12 outperforms them all". *JWF*

BITS AND PIECES

.....Oki Moore Diving and Salvage company of St. Louis, MO has purchased a Proton 3 magnetometer. Oki reports, "We've already located 3 barges on the bottom of the Mississippi.

.....US Army Corps of Engineers in Pittsburgh PA. has purchased the SEAOTTER ROV for deep water inspection of intake pipes. Large savings were realized due to no longer needing a decompression chamber.

.....The David Taylor Research Institute in Connecticut is using the TOV-1 towed video to observe the affects of high speed towing on US Navy sonar arrays.

.....The Milford, CT police dive rescue unit has purchased a TOV-1 towed video for use in their dive rescue operations. The system was equipped with Fishers optional commercial grade low light camera to give optimal viewing in the area's low visibility waters. The system will allow unlimited bottom time viewing without endangering rescue divers.

.....US Army Engineers in Vicksburg, MS. purchased a Proton 3 mag for search and salvage work in a local river.

.....Jerry Milam, of FL., a recent purchaser of the Proton 3 mag tells us, "I love it. I've already located several virgin wreck sites."

.....Doug McGriff, of Portland Oregon, has purchased a SSS-100K Side Scan Sonar for locating logs on a local river bottom. These logs came from virgin cuttings 50 years ago and are worth several thousand dollars each today. There are a very large number of logs that sank to the bottom while being "floated" to the mill. Water visibility is very poor.

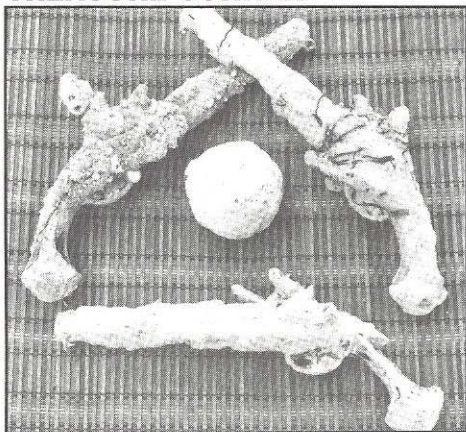
.....The U.S. Navy's subbase in Pearl Harbor, HI. is using two of Fishers DV1 dropped video systems to monitor subs coming in to dry-dock. This very dangerous job was previously done by divers.

.....John Kiser of Sea Colony Aqua Sports in Severna Park, MD reports that he's very pleased with the Proton mag he purchased several years ago. "It continues to give excellent results." John uses the mag to locate his own "virgin" wrecks and has been working with area historical societies. He has located a number of historic shipwrecks in the Chesapeake Bay area.

.....The U.S. Department of Planning and Natural Resources in St. Thomas, USVI has purchased a SeaOtter ROV. One of the applications for the system will be to study the behavior of Marlins by marine biologists.

.....US Army Research and Engineering in Hanover NH. has purchased a Proton 3 mag for performing classified research work for the Army. *JWF*

TREASURE CORNER



FLINT PISTOLS RECOVERED

.....More Spanish treasures were located using the Pulse 8X on a Caribbean shipwreck site by a group which included professional treasure hunters, Carl Fismer and Jim Vorus. Flintlock pistols (photo), Spanish swords, pieces of eight, silver shoe buckles, and cannon balls were some of the many artifacts recovered.

.....Veteran wreck hunter, Dale Roll of Van Nuys, CA has bought and used many different brands of metal detectors in his years of treasure hunting. He calls the Pulse 8X "his first choice every time". In a recent wreck hunt in an area with poor visibility "the P8X got a reading from a trail of lead balls which led us directly to the stern section of a sunken ship; then things really got exciting".

.....Tim Wilson of South Carolina has recovered 12 lb and 6 lb solid cannon balls from the Revolutionary War using the Pulse 8X in black water diving conditions.

.....Ed Dubois took his Pulse 8X with him on vacation to the Dominican Rep. He came back with a 3/4 carat and a 1/4 carat diamond ring as well as a tan.

.....A Pulse 8X owner, who asked to remain anonymous, has recovered a significant amount of jewelry, particularly rings, hunting the beaches and surf of Bermuda. A longtime treasure hunter, he has had the opportunity to use many different types of detectors. He told us the P8X has "significantly greater depth than other detectors I have used". His most recent find was a gold band with 10 diamonds! He melted down the band and had earrings made for his wife.

.....Dive buddies Martin Frenette and Andre Boisvenue of Montreal Canada have added underwater metal detecting to their diving adventures. After less than 20 hrs searching the Richelieu River they recovered a large quantity of coins, a number of silver and gold rings, necklaces, and a silver bracelet.

.....Ken Novelli, of Florence AL, took his metal detector with him on vacation to Florida. Is he glad he did! Ken found 11 pieces of eight and a "real". JWF

COMPANY NEWS

PRODUCT VIDEO TAPE

A 46 minute long product review video tape is now available from J.W. Fishers. The video tape covers the entire line of Fishers underwater search equipment.



The tape features company president Jack W. Fisher explaining the features and capabilities of every system and includes footage of each system in use.

The \$14.95 purchase price is 100% refundable toward the purchase of any J.W. Fishers product.

SEARCH TEAM HAT

The official J.W. Fishers Search Team hat is now available. One is included free with the purchase of any new piece of equipment from Fishers.



The black twill cap with adjustable headband has the J.W. Fishers logo and the words SEARCH TEAM embroidered in gold. It is available separately for \$12.95 plus postage.

24 HOUR TECH SERVICE LINE

J.W. Fishers toll free sales and service line (800) 822-4744 is covered 24 hours a day. Tech help personnel monitor the phone after regular business hours.

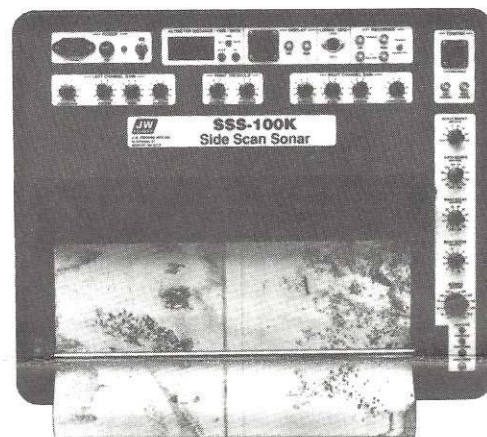


The fax line (508) 880-8949 is also accessible 24 hrs, 7 days. JWF

If you have a story you would like to share, send us a photo and write up or call Chris or Jack at (800) 822-4744 or (508) 822-7330. FAX (508) 880-8949

SIDE SCAN SONAR

J.W. Fishers SSS-100K Side Scan is a micro-processor based system that features a 17" wide built-in high resolution thermal printer which prints details of anything on river/lake/ocean bottom.



← 17" WIDE PAPER →

THE PRINTER HAS 300% MORE RESOLUTION (DPI) THAN VIDEO MONITOR BASED SYSTEMS

Side Scans are the ultimate search tool if the target is not completely buried. Each printed channel is 8 in wide and has a resolution of 203 dots per in (vs 71 dpi for monitor based systems). Each dot is capable of printing 16 shades of gray. The four ft long tow-fish contains two 40 deg by 1 deg 100khz transducers. The scan coverage on each side of the fish is switch selectable from 40 ft to over 1800 ft.

The SSS-100K is a highly portable system that can easily be operated by one person. Power requirements are 120 vac, 220 vac, or 12 vdc. Comes complete and ready to go. Full one year warranty. JWF

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