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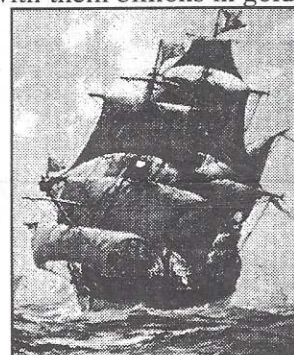
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CANADIANS LEAD SEARCH FOR RICHEST DEPOSIT OF UNDERWATER SPANISH TREASURE IN THE WORLD

It has been described as one of the world's greatest treasure hunts. Visa Gold, a Canadian company, has won the right to excavate shipwreck sites off the northwest coast of Cuba and around the island of Juventud. The venture, being billed as one the most lucrative in maritime history, could uncover the largest known trove of sunken Spanish ships and with them billions in gold, silver, coins, jewelry, and artifacts. "This place is wall to wall shipwrecks" says Canadian archeologist Phill Wright, who recently lead a team of divers on the suspected wreck site of the *Santissima Trinidad*. This behemoth galleon went down in a savage hurricane in 1711 sending \$400 million in treasure to the bottom.

"Havana's deep harbor was once Spain's gateway to the New World with hundreds of ships passing through each year on their way to Mexico, Central and South America", says Visa's VP of operations Ed Burtt. "Many of these ships never made it, falling victim to storms, treacherous reefs or pirates. More than 400 sunken Spanish ships are believed to lie in and around Havana harbor, with 100 more to the west. Our goal is locate and map as many of these vessels as possible. We'll be using JW Fishers side scan sonar, magnetometer, towed camera, ROV and metal detectors in the search."



ED BURTT(left) AND PHILL WRIGHT
EXAMINE REPLICA OF A GALLEON

The Santissima Trinidad was only one of numerous ships that gathered each year at Havana harbor in two great fleets, the Tierra Firme and the Nuevo Espana. The first fleet sailed to Cartagena, Columbia to collect tons of silver coins from Bolivia's fabled Potosi mines. The Nuevo Espana fleet crossed to Mexico to pick up ivory, silks, porcelain, cowrie shells, and damasks that had come from the Orient and been transported overland to the Gulf of Mexico. Records show 17,000 ships made the return voyage to Spain but, thousands of others never made it. From the time Columbus landed in the New World in 1492 until the last SPANISH fleet crossed the Atlantic in 1778, one out of every four ships never arrived at it's destination. Bad weather and piracy cost the Spanish an estimated \$100 billion in lost revenues. The conquistadors brutally extracted this shortage from the conquered Maya, Inca, and Aztecs.

"There is a sense of reverence being down there with history - knowing a physical link to the past has remained untouched for so long", says Mr. Burtt about diving on the wrecks. "This is a wonderful chance to find and preserve a chapter in history". JWF

COMMERCIAL NEWS

.....Walt Disney World in Orlando, FL has purchased Fishers Pulse 6X and 8X metal detectors. "We'll be using the detectors to locate jewelry lost by visitors in Disney's waterparks. The jewelry will be returned to the owners", reports spokesman Wayne Mitchell.

.....Costello Marine Construction in Greenport, NY is using Fishers diver-held Pulse 8X to locate anchors, pipelines, and lost propellers.

.....Weston Geophysical Corp, Massachusetts' office is using Fishers Proton 3 magnetometer, Pulse 12 boat-towed metal detector, and Pulse 8X hand-held detector with interchangeable coils in their international operations.

.....Sierra View Divers in Oroville, CA is using Fishers DHC-1 diver-held camera system for their underwater inspection projects.

.....New York Submarine Cable Co. is successfully using their Fishers Pulse 8X detector to locate buried pipes and cables reports diver Mark Sherry.

.....Coastal Underwater Services in Groveland, MA is using their Pulse 8X detector with optional boat-deployed 8" by 48" coil to locate a variety of targets including "anchors, chains, and a bunch of different construction equipment that somehow manages to fall overboard", reports owner Mike McDermott. "We don't baby the detector. It's rugged enough to stand up to our everyday operations", he reports.



MOHAWK N.E. DIVER JOHN GEARY WITH DHC-1 UNDERWATER CAMERA

.....Mohawk N.E. Inc. in Newington, CT is using the DHC-1 diver-held camera for their underwater inspection operations. "The DHC works great!", reports diver John Geary. "It's extremely simple to set up and operate. Our customers really like it when we provide them with a video tape of the inspection job."

.....Stone and Webster International Projects Corporation has purchased Fishers DHC-1 diver-held camera system with high resolution color camera and a 1,000 foot cable for use at the Takoradi TK-1 thermal power plant located in Takoradi, Ghana, West Africa. Stone and Webster is a global provider of engineering, procurement, construction, consultation, and environmental services to the power, process, governmental, and industrial markets. The camera will be used to inspect and video tape underwater structures. **JWF**

TAMPA CO. OFFERS COMMERCIAL DIVING SERVICES, PERFORMS SEARCHES AND MARINE SURVEYS



THREE GENERATIONS OF THE MONTIERO FAMILY INVOLVED IN CMS

Commercial Marine Services (CMS) of Tampa, Florida has been providing it's customers with a variety of services for 40 years. Founded by Gerald Montiero in 1958 the company started out by offering dive instruction, equipment sales and service, light salvage, underwater inspections, search and recovery, and residential dock and seawall repairs.

In 1971 a fabrication company was added to the business. Located right on the main ship channel in Tampa's port, the acquisition gave CMS a well equipped machine and fabrication shop along with a deepwater berth for their 65 foot salvage tug *Rigmaster* and their 50 ton crane barge *Panama*. As time went by, the company established a solid reputation and demand for their services grew. They expanded into marine construction, ship and barge repairs, commercial diving services and maintenance dredging.

As the company grew Mr. Montiero increased his own knowledge by becoming an OSHA Health & Safety instructor, a certified Pollutant Storage System Contractor, received Corp. of Engineers training in Quality Control and Assurance in Construction, and was trained as a First Responder on marine oil spills. In addition, he managed to find the time to become a diving instructor for PADI and USI and take courses in business management and environmental remediation procedures

The company has successfully completed numerous projects on land and sea including heavy construction, salvage, demolition, and replacement of ship dolphins, docks, and seawalls at many commercial, governmental and industrial facilities. CMS' inventory of equipment includes a Fishers Proton magnetometer and boat-towed metal detector. The magnetometer and metal detector are used for search and recovery when cleaning up after a salvage or bridge construction project. The metal detector has also been used to locate propellers, anchors, vessels, submerged pipelines and many other lost items.

Gerald knows the future success of the business is assured because both his son, Otis, and granddaughter Ashley Nicole, are now involved. Contact CMS at (813) 831-2891. **JWF**

INTERNATIONAL NEWS

.....Sub Marine AB in Stenkullen, Sweden is using Fishers Pulse 12 boat-towed metal detector for their underwater search operations.

.....Windvogel Diamonds in Luderitz, Namibia has purchased the Proton 3 magnetometer to search for shipwrecks which had been carrying diamonds.

.....National Institute of Water & Atmospheric Research in Wellington, New Zealand has purchased the Pulse 8X detector for their underwater search operations.

.....The military division of Yamit company in Israel has purchased Fishers Pulse 8X metal detector for a client in the Israeli military.

.....Fer Mo Enterprise Corp. in KoaHsuing, Taiwan has purchased Fishers Proton 3 magnetometer and Pulse 8X metal detectors for their commercial diving operations. Fer Mo operates one of the largest commercial diving operations in Taiwan employing 20 divers.

.....Integral Services in Kuwait has purchased the DHC-1 diver-held camera system to film and video tape underwater inspections.

.....Dicol Corp. in Estado Zulia, Venezuela has purchased Fishers SSS-100K side scan sonar, Proton 3 magnetometer, SeaLion ROV, and DV-1 dropped video system for their inspection and salvage operations. "We're using the mag and side scan to find lost anchors and sunken vessels, and to determine the exact location of pipelines in Lake Maracaibo", says operations manager Luigi Carrassi. "The ROV and DV-1 can inspect sites before putting divers down. That way when the divers are sent in, we know we're on the target we were looking for."



DICOL'S LUIGI CARASI INSTRUCTS A CREWMAN ON SEALION OPERATION

.....Lufesa Divers commercial diving company in Callao, Peru is using Fishers DV-1 dropped video system for a variety of underwater inspection and search operations. "The system is working very well for us", reports director of operations Luis Giampietri Ramos.

.....United Surveyors Pte. Ltd. in Singapore have upgraded their SeaOtter ROV to the SeaLion ROV system. "We needed the additional power of the SeaLion for pipeline inspections" reports spokesman Tan Choo Haw. **JWF**

PENN CO. USES U/W CAMERA TO INSPECT HYDRO PLANT WATER INTAKES

Sithe Energies, Inc. in Ford City, PA is saving lots of money using Fishers DHC-1 diver-held camera system. Although the DHC is designed for a diver to carry, it can also be attached to any underwater structure. That's exactly how Sithe is using the system reports spokesman Ray Borkoski. The company is responsible for doing on-site inspections at a local hydro plant. The company has been able to eliminate the need for divers by mounting the camera to one of the giant trash rakes that routinely scoop debris away from the large intake grates. The DHC sends it's video picture to the surface through a cable which connects the camera to a top-side monitor and VCR.

"The DHC-1 works great!", Ray says. "Not only has this system proven to be a very cost effective method of inspecting the grates and making sure all debris is removed, but it has allowed us to do the inspection any time we want. We no longer have to work around the diving company's schedule. We can inspect frequently and at a lower cost." JWF

TEXAN FINDS PROPELLERS AND RARE COINS WITH PULSE 10 METAL DETECTOR

Craig Simmons of Orange, Texas is successfully using Fishers Pulse 10 boat-towed metal detector to locate large propellers lost by tug boats and other large vessels. Craig has found a number of props in the 52" to 84" range with his Pulse 10. Vessels typically lose these large props when they strike an object on the bottom or the side of the river bank.

"The last prop I located was an 84 inch, four bladed prop valued at over \$26,000", says Craig. "When a vessel loses one of these propellers, the owner can't go right out and buy a new one. First the insurance company requires a search to be conducted for the missing prop before paying the claim. Even after the claim is paid, it takes 4 to 6 months to have a new prop made. These things are not sitting on the shelf waiting for a buyer."

"A number of commercial divers have tried their hand at locating the props, but the visibility is so bad they rarely find one. I charge a little more than the divers, but I've had great success using my Pulse 10!"

Craig has also had a chance to use his Pulse 10 for some personal projects. On a wreck hunt in Central America, he used the 10 to locate some new wreck sites, one of which gave up some very rare coins. JWF

CRUISE SHIP LINE TREATS GUESTS TO UNDERWATER SHOW WITH FISHERS DV-1 CAMERA SYSTEM



CAPT. BLOUNT AND JACK FISHER WITH DV-1 UNDERWATER CAMERA

ACCL ADDS UNDERWATER CAMERAS ON BOARD 3 SHIPS SO PASSENGERS CAN VIEW EXOTIC MARINE LIFE OF TROPICAL ISLANDS

American Canadian Caribbean Line, Inc., known as "The Small Ship Cruise Line" has added Fishers DV-1 underwater camera systems to three of their vessels. ACCL's "claim to fame" is that it's smaller vessels allow access to places the "big ship" cruise lines can not get to. Each of the vessels is equipped with a bow ramp which is a special staircase built into the bow of the vessel. The cruise ship can pull up close to the beach and the bow ramp is hydraulically extended from the front of the ship. Passengers can disembark into wading water, or directly ashore, without having to get into small boats (tenders) like most of the big ship cruise lines. This unique invention was developed by ACCL owner and shipbuilder Capt. Luther H. Blount.

An avid fisherman, sailor, ship designer and builder, Capt. Blount founded Blount Industries shipyard in 1949. The company has constructed over 300 ships and the captain holds over 20 patents for his innovative designs. Blount Industries remains one of the last working shipyards in New England building mid size metal work boats. In the 1950s Captain Blount began taking friends on overnight yacht trips along the New England coast. The great success of these trips inspired him to build a small cruise ship for longer and more adventurous trips. In 1966, ACCL was born. "The company offers a variety of cruises to Canada, down the Intracoastal Waterway, throughout the Caribbean, Central and South America", says spokeswoman Trish Sampson. "Our line caters to nature lovers, bird watchers, eco-tourists, snorkelers, historians, archeologists, scenery buffs and bridge players. Guests

TRISH SAMPSON DESCRIBES love our vessels because of the ease of getting on and off the boats at the many small islands we visit."

"We're always looking for new and different ways to entertain our customers", says Capt. Blount. "I saw an ad in a boating magazine for Fishers DV-1 dropped video and thought this would be ideal on my ships." He traveled to Fishers factory in E. Taunton, MA to check out the DV-1 system. After seeing the DV-1 and viewing a video of the system in action, Capt. Blount ordered three of the DV-1s to be installed on his ships.

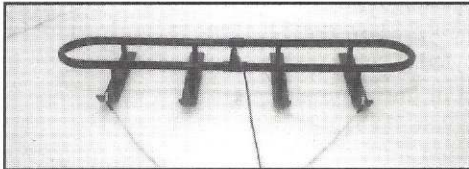
"We're really excited about the addition of the underwater cameras on our vessels", Trish says. "Our passengers can sit in the comfort of our main lounge and view the exotic marine life of the tropical locations we visit. The picture from the DV-1 is shown on a 48" wide screen TV. You don't have to be a snorkeler or diver to see the strange and wonderful marine life which inhabits the waters of these island destinations." JWF

GOVERNMENT AGENCIES AND UNIVERSITIES PERFORM UNDERWATER SEARCHES

.....The U.S. Navy's Space Naval Warfare Systems Center in San Diego, CA has purchased the SeaLion system. The ROV was sent to the Applied Research Lab at the University of Texas, Austin to be fit with addition sensors.

.....U.S. Government's National Oceanographic and Atmospheric Administration (NOAA) is using two of Fishers TOV-1 towed video systems to study and video tape fisheries habitats in southern coastal regions.

.....U.S. Dept. of Interior Biological Resources Division at the Great Lakes Science Center in Ann Arbor, MI is using the Pulse 8X detector with optional 8" x 48" coil for survey work. "We attached the 8X to the front of an ROV system so the camera was viewing the detector's meter readout. The ROV was towed along the bottom of the lake with the oval coil trailing behind on its four skis. We towed the system about 13 to 14 kilometers over a period of 3 to 4 days", said operations coordinator Greg Kennedy. "I was impressed with the way the coil towed, it tracked beautifully behind the ROV. We located several new sites which warrant further investigation."



ROV TOWED 8" X 48" COIL

.....Boston University's Marine Biology Lab has purchased Fishers SSS-100K side scan sonar, Proton 3 magnetometer, and Pulse 8X metal detector to be used in search operations around several islands in the Pacific.

.....City of San Diego's Water Operations and Support group is using Fishers SeaOtter ROV for inspection of the water supply system. "We use the ROV to inspect both inside and outside of the large concrete intakes in our reservoirs", reports dept. spokesman Jeff Pasek. "We're also using the SeaOtter to do inspections in our "finished" reservoir ponds (where purified water is stored). The ROV must be disinfected before it can enter the pond and it's a lot easier to disinfect an ROV than a diver."

.....Newfoundland and Labrador Hydro in Bay D'Espoir, NF, Canada have purchased Fishers DV-1 dropped video system for their dam inspection operations.

.....California Polytech supplied a Fishers TOV-1 towed video system to Discovery Channel film makers who used the system to film the human powered sub races. **JWF**

LAW ENFORCEMENT AND DIVE RESCUE NEWS

.....Royal Canadian Mounted Police, Forensic Identification Section in Thompson, Manitoba, Canada has purchased the Pulse 8X for their evidence recovery operations.

.....The diving squad of the Czech Republic Police have used their Pulse 8X for recovery of "pistols, a knife, parts of cars, and other metal items connected with criminal offenses", reports a department spokesman.



**PULSE 8X PERCHED ON CZECH
POLICE DIVE VEHICLE**

.....West Warwick Police Dept. in West Warwick, Rhode Island has purchased the Pulse 8X detector for their U/W search ops."

The detector is easy to use and the single underwater earphone works well with our full face masks", says officer Don Archibald.

.....Albermarle County Police Dept. in Charlottesville, VA is using Fishers Pulse 6X underwater metal detector for their evidence recovery operations. "The detector works great!", reports officer Scott Kuykendall.

.....Pinellas County Sheriffs Office in Largo, FL has purchased two Pulse 8X detectors. "The detectors have been used on several dive call outs", reports Cpl. Brad Millican. "We've used the 8Xs to locate weapons and jewelry. We're very impressed with them!"

.....Connecticut State Police Emergency Services Unit in Colchester, CT have been using Fishers U/W metal detectors for years. Recently the department used their Pulse 8X to locate a piece of evidence crucial to making a case reported TFC Dave Brundage.

.....Missouri Dept. of Public Safety, State Water Patrol has purchased their third Pulse 8X detector. "These detectors have helped us recover nine weapons that have been used in murders or assaults this year", reports dive team supervisor Wayne Talburt.

.....Suffolk County Police Dept. in Great River, NY has purchased two Pulse 8X detectors for their search and recovery ops. Suffolk County Dive Team officers were involved in TWA flight 800 recovery ops.

.....New Jersey State Police are using Fishers TOV-1 towed video system to search for evidence and to look for bodies when a drowning has occurred. "The TOV-1 allows us to increase diver safety by minimizing the time divers spend in the water", reports a department spokesperson.

.....Greensburg Fire Dept. in Greensburg, PA is successfully using their Pulse 8X detector to locate vehicles in the area's shallow rivers. "I've already found two cars with the 8X by just hanging the detector over the side of our search boat, one was in 8 feet of water, the other in twelve", says dive team leader George McFarland.

.....Anderson County EMS in Anderson, SC has purchased the TOV-1 towed video system for their underwater search operations.

.....Boone County Water Rescue in Burlington, KY has successfully used their TOV-1 towed video system to locate a drowning victim in a local lake reports spokesman Kevin Peach.

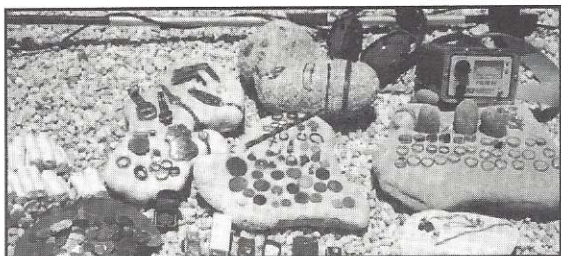
.....Tennessee Highway Patrol's Dept. of Safety in Nashville, TN is successfully using Fishers DV-1 dropped video system for their search and recovery ops reports spokesman Rick Leonard.

.....New York Division of the FBI has added another piece of Fishers equipment to their arsenal of underwater search equipment. The dive team has purchased the Proton 3 magnetometer to locate missing vehicles, sunken vessels, downed aircraft and a variety of other applications. Three agents attended a training seminar at Fishers factory in E. Taunton, Mass. All were impressed with the mag's sensitivity and ease of operation. The mag joins the team's side scan sonar, dropped video system and Pulse 8X metal detectors previously purchased from JWF.



**FBI AGENTS RICK UNIACKE, JEFF
LUM AND PAT McDONNELL COM-
PLETE MAGNETOMETER TRAINING**

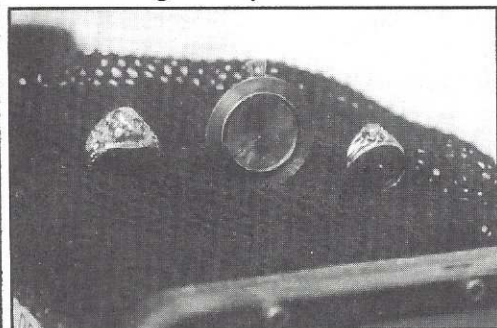
TREASURE CORNER



FINDS MADE ALONG THE BEACHES OF ARUBA WITH FISHERS PULSE 8X

.....Cornelis (Tep) van den Heuvel is having lots of fun hunting the waters around Aruba with his Pulse 8X detector. Tep works for Red Sail Sports, a company that provides diving and water sports activities to the island's visitors. Tep writes, "after taking a few weeks to learn metal detecting by hunting the beaches, I decided it was time to expand my horizons into the clear blue waters of Aruba. The next day after work, I went out to search for a ring a friend told me a tourist had lost. I put on a couple of pounds of weight to help me dig in a difficult sea. It paid off when I found a big gold man's wedding ring. The next day, my day off, I found my second ring, a gold and platinum lady's ring which fit my wife very, very well! I could not stop, so the following night after dinner I went out in the dark to the same beach, detecting a lot of coins. I decided I was going to scan the surf line a little bit before leaving for home. I got a sound in my headphones and expected it to be another coin but, something different was laying in my scoop between the shells and stones. It looked like a brass... well something, so I emptied my scoop on the beach and when I picked it up....unbelievable, it was a big man's gold ring with nine diamonds. I didn't leave for home until 2 AM! From this moment I knew I would keep my search in and around the water. I'm starting to get really comfortable with my 8X and it has never let me down. Thank you J. W. Fisher for the good product and to all treasure hunters ... Good Luck." To date Tep's finds include 22 gold wedding rings, 2 platinum rings, 10 gold rings with emeralds, rubies, or diamonds, 9 silver rings (one from Tiffany's), a number of gold necklaces and bracelets, and a silver Greek coin dated 430 B.C. Other interesting recoveries include pendants, and lots of coins. *JWF*

.....Virgin Island treasure hunter Barry Shipman continues to bring up the booty with his Pulse 8X. Barry writes, "On April 8, the day before Good Friday, I had a fantastic day snorkeling at St. Croix's Cormorant Beach. Within 3 1/2 hours I found six silver coins, a .645 Carat diamond ring, an antique 18 carat gold Omega watch, and a 31 grain gold nugget ring". Now that's what I call a good day at the beach!



DIAMOND RINGS AND WATCH DISPLAYED ATOP BARRY'S PULSE 8X

.....Al Hartman of Tallahassee, FL reports finding a number of rare silver coins on recent dive with his Pulse 8X. One of the coins was appraised at over \$1,200.

.....A diver from Jeddah, Saudi Arabia, (wishing to remain anonymous), diving in the Red Sea, found a number of 14th century Egyptian and Yemish silver coins with his Fisher 8X.

.....Kent Bernard, organizer of one of the country's newest and hottest oceanographic trade shows, Undersea Explorations, has made many finds with his Pulse 8X. On a recent outing he located a number of coins all dated in the 1850s. "I love my 8X. This is the most rugged and reliable detector I've ever used."

.....Barry Clifford, longtime user of Fishers underwater search equipment, renown for locating the pirate ship Wydah off Massachusetts' Cape Cod, has made a spectacular find off Caracas, Venezuela. Nine French warships sunk over three centuries ago, changed the course of history in Caribbean. The fleet was on it's way to invade the Dutch-held island of Curacao when they wrecked on coral reefs about a half mile from Las Aves islands, about 100 miles northwest of Caracas. *JWF*

DIVER IS HERO OF YOUNG COUPLE AFTER FINDING LOST ENGAGEMENT RING!

Excerpt from letter sent in by Larry Hill, owner of Dive Magic dive shop in Twin Falls, Idaho.

"...My partner and I were teaching an Advanced Diving Class at a local lake. I had taken my new Pulse 8X along with the hopes of being able to put it in the water for the first time. During our first surface interval, I was able to take it for a quick test drive.

I started off in an area with six inch deep gravel. To my amazement, within the first thirty minutes, I had found 32 coins. Among the other "treasures" found were old shell casings, lead bullets, several bottle tops, and a regulator cover.

Upon returning from our second dive, we found the fiance' of one of our students in tears. After putting on suntan lotion, she rinsed her hands in the lake and her engagement ring slipped off and fell to the bottom. She was devastated. Other divers had offered to help and in the process of looking for it caused the visibility to go from 3 feet to zero. When I was asked to help I didn't think there was much hope. The bottom was very soft and silty, and they only had a vague idea of where it had been dropped.

The Pulse 8X and I went to work. Or should I say, the 8X went to work and I followed. Since I had only used the unit for a total of thirty minutes, I felt all I was doing was prolonging her despair. Mel Fisher I was not. I found more bullets, some fishing lures, split shot and other junk. Carefully, I removed all this junk from the area. Did I mention the weeds were about six inches thick? I removed what I could and scanned each handful. No luck. I surfaced to more tears. Back down again. Another hit and a glint of gold, could it be, a gold ring. Carefully fanning the bottom, a small gold ring with diamonds came into view, her ring.

I know the Pulse 8X has a reputation for finding rare treasure, silver doubloons, and gold bars, but on this day it found more than that. A small gold ring was found that had cost this young couple most of their savings. A ring that would join their lives together with a promise of forever." *JWF*



A HAPPY LARRY HILL AND HIS PULSE 8X SAVE DAY FOR SOON-TO-BE BRIDE

COMPANY NEWS

NEW PRODUCTS

TURN FISHERS DIVER-HELD METAL DETECTORS INTO BOAT-DEPLOYED METAL DETECTORS

JWF is now offering two boat-deployed coils which attach to their top-performing Pulse 6X and 8X diver-held underwater metal detectors. Sit in the boat with the detector's control unit, deploy the coil with it's 100 foot cable over the side, and perform a search without getting wet. This feature gives these rugged and powerful detectors a versatility found in no other underwater metal detector on the market today. One of the boat-deployed coils is an 18 inch loop designed to be lowered to the bottom, raised a few feet above the bottom and trolled along at slow speeds. This coil is ideally suited for covering small search areas when looking for outboard motors, anchors, cannons and other large targets on the bottom of rivers, lakes or the ocean floor.



TWO DIFFERENT BOAT DEPLOYED COILS AVAILABLE WITH FISHERS PULSE 6X AND 8X DETECTORS

The other coil is an 8 inch by 48 inch oval coil mounted on four small skis. This coil is dropped down to the bottom and dragged across the flat sand or soft mud bottoms. The 8" x 48" coil is ideally suited for locating buried targets because it travels just inches away from the bottom. The unique oval design gives this coil the ability to locate both small and large targets, which is an unusual characteristic for a large coil. The 8" by 48" coil is in use by treasure hunters for locating coins and jewelry along beaches as well as gold and silver bars at wreck sites. Both boat-deployed coils have been used by numerous law enforcement agencies for weapons recovery operations and to locate vehicles dumped into rivers and quarries.

For a tech data sheet on all the optional coils available call JWF at (800) 822-4744 or fax (508) 880-8949. **JWF**

FIRST OF THEIR KIND LOW COST SIDE SCAN SYSTEMS ARE A HIT WITH WRECK HUNTERS AND LAW ENFORCEMENT AGENCIES

Two new low cost side systems being offered by JWF are a big hit among wreck hunters and Search & Rescue groups alike.

Side scan sonar has long been one of the most sought after and effective tools for underwater searches. The sonar beam, transmitted from transducers mounted on either side of the side scan towfish, sweeps the bottom reflecting off anything on the bottom. The reflected acoustic wave returns to the towfish, is received and sent topside to the control/printer unit for processing and printout. A highly detailed image of the target sitting on the bottom is produced on the thermal printer.



EASY DEPLOYMENT OF SIDE SCAN FISH

Fishers now offers three side scan systems; a 100KHz, a 600KHz and a dual frequency 100/600KHz. The high frequency 600K system is ideal for law enforcement and dive rescue operations because of it's very high resolution over ranges of up to 200 feet on either side of the towfish (400' swath). This 600K side scan produces extremely detailed pictures. It can "see" objects like drowning victims, a

weapon lying on the bottom, or the rotting wood of an old hull. Low frequency systems have difficulty detecting these targets.

The lower frequency 100K system has excellent long range capabilities of up to 1800 feet (3600' swath) and is well suited for wreck hunting and general search applications. The dual frequency system incorporates the best features of each of the single frequency systems into one. The operator can choose between 100K or 600K operation and switch between them at anytime during the search.

Each of these side scans is equipped with a 17" wide, high resolution thermal printer. The printer gives 3 times the resolution of computer monitor based systems. Fishers side scans are the only low cost side scans on the market today that include a 17" thermal printer as standard equipment.

The 100K and 600K single frequency side scans are a remarkably low \$19,995. The dual frequency 100/600K side scan is priced at only \$24,995. Call for a technical data sheet. **JWF**



HIGH RESOLUTION THERMAL PRINTOUT

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

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