

SEARCH TEAM NEWS

J.W. FISHERS MANUFACTURING INC

JW
FISHERS

UNDERWATER SEARCH

ISSUE 8-1

CANADIAN FIRM FINDS LOST BOAT AND SEARCHES FOR CUBAN TREASURE

A sudden squall rolled across the Massachusetts coast on a warm August afternoon bringing with it wind gusts of over 60 miles an hour. The freak storm, which practically came and went in the blink of an eye, sent two big beautiful sailboats to the bottom of Boston harbor.

When the storm had passed the Boston Yacht club thought they would easily locate their sunken vessels. They felt confident they knew exactly where they had gone down. After searching the murky harbor waters for several days using depth finders and divers, and not having any luck, they decided professional help was needed.



OCEAN SCAN'S ED BURTT STUDIES SIDE SCAN SONAR PRINTOUT

Ed Burtt of Ocean Scan Systems in Belleville, Ontario, Canada was called in to search for one of the lost vessels using his Fisher SSS-100K side scan sonar.

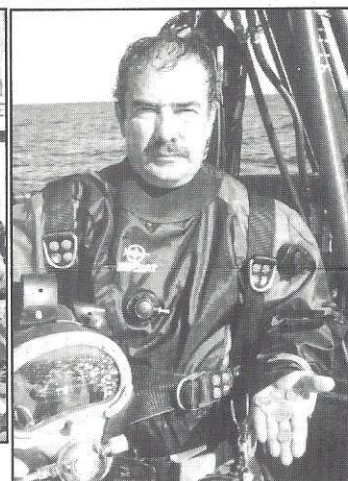
The team decided on a search method, drew up their search pattern, and began the hunt. After a short time the sonar produced an image which appeared to be a sailboat hull. The location was marked and the search continued. A short time later a very large target was located and marked. After several more hours of side scanning, without locating any major targets, the group returned and dove on the first target. Divers confirmed the object laying 50 feet beneath the harbor surface was the missing sail boat. The second location produced a 90 foot barge of unknown origin.

Upcoming projects for Ocean Scan include a search for historic shipwrecks off the coast of Cuba. Ed will be using his Fisher SeaOtter ROV, Proton 3 magnetometer, and side scan sonar to search for wrecks in Cuban (Continued on Page 5)

150 YEAR OLD WRECK FOUND - GOLD COINS AND ARTIFACTS RECOVERED

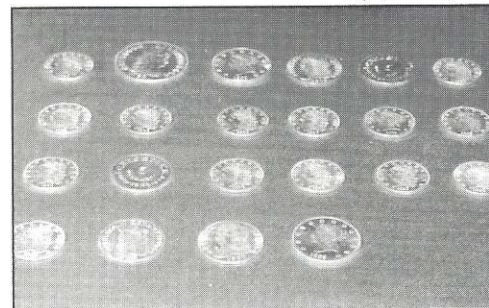


SOME OF THE NUMEROUS ARTIFACTS FOUND ON THE WRECK "NORTH CAROLINA"

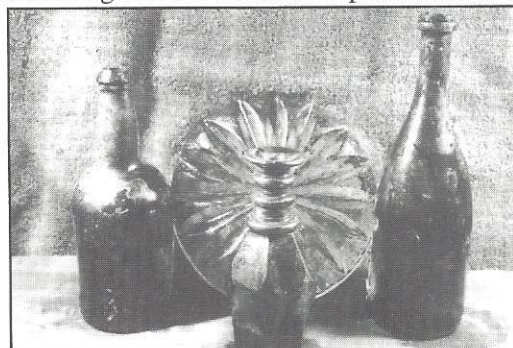


BEN MARICH HOLDS GOLD COINS FROM WRECK

On a calm July night in 1840, off the coast of South Carolina not far from Myrtle Beach, the steamer *North Carolina* collided with another steamer, the *Governor Dudley*. The *North Carolina* broke in half and sank in about 20 minutes. Fortunately, everyone on board was rescued, but all of the ships cargo, including thousands in gold coins, was lost. Many of the passengers on the ill-fated ship were affluent. There were more than a dozen congressmen aboard traveling with large sums of money. For over 150 years the ship has sat on the sea bottom, virtually undisturbed. Recently a group from MAREX International began exploring the wreck site. MAREX, which is an acronym for Marine Archeological Recovery and Exploration, was founded by successful Memphis businessman Herbert Humphreys, Jr. Mr. Humphreys, known by his friends as Herbo, established the company in 1983 for the purpose of finding and salvaging ships which went down with valuable cargo on board. The company is serious about salvage. They operate several research vessels including the 210' Atlantic Explorer, the 120' R/V Beacon, and the 65' R/V Southland equipped for shallow water work. MAREX is responsible for successfully locating and salvaging a number of historic wrecks including the *HMS Thunderfish* a 72 cannon British Man of War lost in 1780 and the galleon *La Nuestra Senora de las Maravillas* which gave up thousands of artifacts including 7600 silver pieces of eight, 116 gold coins, 29 gold bars, 25 silver bars, 193 silver ingots, 21 gold ingots, along with emeralds, diamonds, gold chains, rings, and broaches. (Continued on Page 5)



MANY OF THE GOLD COINS HAVE EXCEPTIONAL NUMISMATIC VALUE



UNBROKEN GLASSWARE WHICH HAS SURVIVED A SHIPWRECK AND OVER 150 YEARS ON THE OCEAN BOTTOM

COMMERCIAL NEWS

.....Schlumberge company in Houston, Texas has purchased the TOV-1 towed video system to observe the towing dynamics of different towed sonar arrays the company uses in its survey operations, reports spokesman John Sanchez.

.....Great Lakes Dock and Dredge in Oak Brook, IL has purchased the Pulse 7 boat-deployed metal detector for use in their recovery operations.

.....Holland Diving Service in Decatur, AL is using the Pulse 8X detector for their search and salvage operations.

.....Great Lakes Marine Center in Weyauwega, Wisconsin has purchased Fishers DHC-1 diver held camera system for video inspection purposes.

.....Inner Space Services of Gorham, Maine is using Fishers SeaOtter ROV and DHC-1 diver-held camera for their video inspection projects. "We're a full service diving company with over 20 years of underwater inspection, construction diving, and marine contracting experience", reports company president Bob Mason. "When we use the ROV and DHC on a job it allows the owner or engineer to watch the inspection as it is being performed and video taped". Bob went on to say, "We chose Fisher systems because of the economical cost and the excellent service the company provides".

.....Parker Diving Service in Forest Knolls, California is using Fishers Pulse 8X detector for their search operations. "We routinely use the 8X for projects like locating lost propellers", reports commercial diver Dave Carlos. "The 8X works great!"

.....Marine services company Sea Trac Offshore has been using Fishers Proton 3 magnetometer for the past two years to track pipelines which criss-cross the bottom of Venezuela's Lake Maracaibo, according to CEO Bert St.Roman.

.....Lexmar Engineering at the Layong Offshore Supply Base in Singapore is using Fishers Pulse 10 boat-towed metal detector for their search and salvage operations.

.....North American Hydro in Neshkoro, Wisconsin is successfully using Fishers DV-1 Dropped Video system for their dam inspection operations reports company president Bill Harris.

.....U.S. Underwater Services in Burleson, Texas purchased Fishers Pulse 8X to locate and track buried pipelines. "We used the 8X to find a pipe buried more than two feet in the bottom in some places. We tracked that pipe more than 4000 feet in 1 foot visibility", reported spokesman Mike Erinakes. "The detector works great!" **JWF**

VESSEL FOR HIRE



72 FOOT 92 TON BOSTON PILOT

A Connecticut company is offering a full range of marine services including marine construction, commercial diving, ROV inspections, magnetometer searches, underwater welding and cutting, and charter of their vessel. Their base of operations is the 72 foot M/V Boston Pilot, former winter pilot boat of the port of Boston. The 92 ton 1000+ horsepower steel boat was designed and proven adept in all kinds of weather.

The company, Boston Pilot Ltd., is owned and operated by Stephen and John Coady. Stephen has a 100 ton Masters license and operates the boat. The M/V Boston Pilot can be used for station keeping, act as a mother ship, or perform stand-by assistance, escort, rescue, and salvage services. The vessel was built and launched in 1970 by Gladding-Hearn. All her equipment is commercial grade with redundancy in many key systems. There are dual 30kw gensets, two propulsion engines for a single shaft, and multiple computer systems. With large open deck spaces fore and aft there's plenty of room to work. For equipment deployment and recovery she has an A-frame, two derrick masts/booms, and three davits. Also on-board are two wind generators, large solar panels, 103 separate DC circuits, and nearly 4000 amp hours of battery capacity.



SEALION ROV, READY TO GO, ON THE DECK OF M/V BOSTON PILOT

In addition to all of this equipment, the vessel carries Fishers SeaLion ROV and Proton magnetometer for search and inspection operations. The company performs video inspections of pilings, piers, wharfs, and many other underwater structures. For more info call (617) 747-4047 or visit their website at www.bostonpilot.com. **JWF**

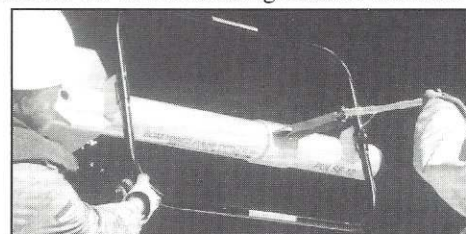
INTERNATIONAL NEWS

.....Geometra International in Singapore has purchased the Pulse 8X diver held metal detector for use in their salvage operations.

.....Korea's National Fisheries Research and Development Agency, West Region, in Seoul has purchased the SeaLion ROV system for marine biological surveys.

.....Sapura Maritime Engineering in Kuala Lumpur, Malaysia has purchased two of Fishers Pulse 8X metal detectors for their diving operations. "We routinely use the detectors for locating underwater pipes and cables. We're very happy with them" reports Sapuro GM Mohd Rusli Md Nor.

.....Management for Archaeology Underwater Ltd. in County Offaly, Ireland purchased the Pulse 12 boat-towed metal with UA-2 altimeter for use in locating historic artifacts.



DEPLOYING THE PULSE 12 BOAT-TOWED DETECTOR

.....Dr. D. Shultz Ohlberg with the Bundesamt fuer Seeschiffahrt und Hydrographic in Hamburg, Germany has purchased Fishers Pulse 12 boat-towed metal detector equipped with the UA-2 underwater altimeter for use on hydrographic survey operations.

.....Chungnam National University in Korea has purchased Proton 3 magnetometer for their archaeological search operations.

.....Mombasa, Kenya office of Divecon International is using Fishers DHC-1 diver-held camera and DHL-1 diver-held light to perform underwater video inspections for their customers. "These systems are doing an excellent job!", says director Mike Scarpellini.

.....OE Galaxy Co. Ltd. in Hanoi, Vietnam has purchased the SeaOtter ROV system for underwater inspection projects. "We are very pleased with the performance of the SeaOtter", reports spokesman Nguyen Viet Thang.

.....Nikor Anchor Services Maritime Co. in Piraeus, Greece is using Fishers Proton 3 magnetometer to locate lost ship anchors.

.....Officina Technica Del Monte in Puerto Ordaz, Bolivar, Venezuela has purchased Fishers SSS-100K side scan sonar and Proton 3 magnetometer for their search and survey projects. Company president Ettore Del Monte traveled to the US to visit Fishers factory and see if the equipment would meet the company's requirements. Satisfied it would, Mr. Del Monte bought the side scan and mag, and they are now being used in their everyday operations. **JWF**

KOREAN COMMERCIAL DIVING CO. USES HIGH TECH EQUIP

Alpha Marine & Underwater Technical Service is a full service commercial diving company in the port city of Incheon, Korea, just outside of Seoul. Founder and owner Jong-In Lee along with his eight full time divers have the ability to perform almost any type of underwater search, salvage, or repair operation. Mr. Lee was educated in Korean and European schools and has a degree in naval architecture which nicely compliments his commercial diving skills. The company routinely does hull inspection and repair, searches for lost propellers and sunken vessels, and performs numerous underwater construction projects.

Alpha has significantly increased their capabilities with the purchase of a number of systems from J.W. Fishers. Mr. Lee traveled to the US to visit Fishers factory in East Taunton, Massachusetts. He said the reason for purchasing equipment from JWF was because of the capabilities, quality, and price of Fishers equipment combined with the support of Fishers professional staff. Lee (as he prefers to be called) purchased the SSS-100K side scan sonar, SeaOtter ROV, Proton 3 magnetometer with UA-2 altimeter, Pulse 8X diver-held metal detector, and DHL-1 diver-held light system.



LEE AND ALPHA CREWMAN SIDE SCANNING FOR MISSING ANCHOR

Upon his return to Korea, Lee told his customers about the new equipment he purchased and the new services he would be able to provide. Alpha Marine's customers include ship owners, port authorities, and a variety of different government agencies.

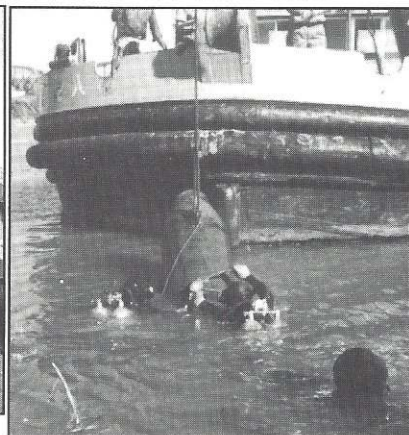
The company was recently contracted by a Hong Kong government agency to locate a missing anchor. In rough seas the team made the two hour trip to the site. After scanning the bottom for less than an hour with the SSS-100K, the anchor was located. Divers were deployed into the 40 meter depth to attach a retrieval line. Using the on board 20 ton hoist the crew raised the anchor and gently placed it on the deck.

"With this one job I was able to recover my investment in the side scan sonar system", Lee happily reports. "The SSS-100K's 17 inch wide printouts make target identification easy. I am very pleased with the performance." Contact Alpha at PH 885-1088/FAX 885-1087. **JWF**

JAPANESE CO. PROVIDES MARINE SERVICES AND LOCATES BOMBS USING PULSE 8X



TAKUYO TECHNICAL DIVING SCHOOL, HIMEJI'S FULL SERVICE DIVING SUPPLY CO.



DIVERS ASSIST IN REMOVAL OF BOMB BEFORE STARTING CONSTRUCTION

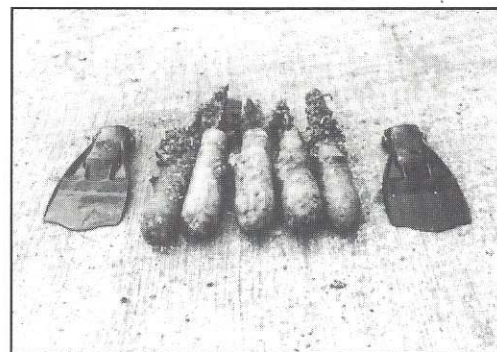
Takuyo Corporation is a diversified marine services company based in Himeji, Hyogo Pref., Japan. Company founder and president, Kazumasa Yamamoto, is one of Japan's prominent aquanauts. In 1971 he participated in the government's undersea habitat "Man in the Sea" project. Graduated from Tokai University with a degree in marine civil engineering, Mr Yamamoto went on to found Takuyo while only in his twenties. Today the company owns and operates a full

service dive shop, performs a variety of marine services, and has even developed their own underwater communications system. The communications system is in use by the Japan Broadcasting Association as well as a number of TV stations. The dive store is a member CMAS school which offers all kinds of products and services for both professional and leisure divers. Takuyo's marine department provides a variety of underwater services including construction, welding, cutting and maintenance. The company has successfully completed projects for Japanese power companies, large construction firms, and government agencies. Takuyo is also responsible for maintenance in the biggest aquarium in Japan, the

gigantic fish tank in Kaiyu-kan. Last year the company purchased a Fisher Pulse 8X underwater metal detector for use by their underwater construction and salvage division. The detector was personally tested and evaluated by Mr. Yamamoto. One of primary applications for the detector was to locate metal objects, particularly unexploded ordnance before beginning a construction project. The company reports the detector is used to investigate for metal objects in a number of areas including the Osaka Port Area 1, Ishigaki Port, the outer Nankoh Port, the Nagara River,



AQUANAUT YAMAMOTO, WITH 8X IN HAND, PREPARES FOR A DIVE



50 YEAR OLD BOMBS LOCATED WITH PULSE 8X METAL DETECTOR

the Zokazaki fishing port and the Mitsubishi V quay. In addition, the Pulse 8X was also used to locate and pinpoint land mines on Manabe Island in Okayama Pref and to locate metal objects before construction of the Seaside National Road Crossing. The detector has been responsible for locating a number of bombs ranging in size from 20 pounds to 1 ton. "We are very happy with results from the Pulse 8X. Fishers detectors are rugged enough for use in our commercial operations and we can also offer them to our professional and leisure diving customers." In fact, Takuyo has since purchased a much larger quantity of Pulse 8X detectors! **JWF**

GOVERNMENT AGENCIES & UNIVERSITIES PERFORM UNDERWATER SEARCHES

.....Dong-A University in Pusan, Korea has purchased the Pulse 8X for archaeological recovery work, says professor Jin-hoo Kim.

.....The Atlantic Ecology Division of the U.S. Environmental Protection Agency in Narragansett, Rhode Island has purchased Fishers DV-1 dropped video system with optional color camera to study the environmental impact of pollution in northeastern U.S. coastal waters and Long Island Sound.

.....U. S. Department of the Interior, U. S. Geological Survey Division has produced a report titled "Use of Remote-Sensing Techniques to Survey the Physical Habitat of Large Rivers". In the report they advocate use of Fishers TOV-1 towed video system as an effective tool for survey work. "These systems (remote underwater cameras) are compact and portable and can be easily used to describe the physical environment, to provide ground truth information for side scan and [multi beam] sonar surveys, and make micro habitat observations for species of interest", the report states.

.....U. S. Department of Agriculture, Forest Service Division in Boise, Idaho has purchased Fishers Pulse 8X underwater metal detector. One of the tactics the Forest Service uses to monitor and control erosion, is to bury lengths of chain along the banks of rivers and streams. The chains are periodically checked to determine the amount of soil which has eroded over them. "When this program was in its infancy we only had a few chains out and it was easy to keep track of the exact location of each chain. Now, we have hundreds of these chains in a variety of locations and it's sometimes necessary to use a metal detector to locate them. "The Pulse 8X works great for this application!", reports forester Alan Barta.

.....U. S. Navy's Mobile Diving and Salvage Unit #1 in Pearl Harbor, Hawaii is using Fishers SeaOtter ROV to assist divers in their survey operations.

.....Juniata College in Huntingdon, PA has purchased Fishers DV-1 dropped video system with optional high resolution, low light, black and white camera. Reports a college spokesperson, "The underwater camera system is used to examine structures on the bottom of lakes which have become breeding areas and habitats for many fish species."

.....The Army Corps of Engineers is using Fishers SeaLion ROV for inspections at the Ice Harbor Dam in Pasco, Wa. **JWF**

LAW ENFORCEMENT AND DIVE RESCUE NEWS

.....New York division of the FBI has purchased the SSS-100K side scan sonar for its search and recovery operations. Four agents attended a training seminar at Fishers factory in E. Taunton, Mass. All were impressed with the ease of operation and high resolution printouts from the SSS-100K. In addition to their own operations, the group is using the side scan to assist other agencies.



FBI SPECIAL AGENTS RICK UNIACKE, PAT McDONNELL, MIKE TYMS AND JEFF LUM COMPLETE SIDE SCAN SONAR TRAINING

.....Toulumne County Sheriffs Dept in Sonora, California has purchased the SeaOtter ROV for their search and recovery operations. The ROV has already successfully located two bodies in deep water, reports spokesman Rick Rutherford.

.....Montgomery County Dept. of Fire & Rescue Services, in Rockville, Maryland has purchased the Pulse 8X for their recovery operations. Lt. Kevin Bridgett says, "We're looking forward to using the 8X. The next county over has one and they've had excellent results with theirs!"

.....Humboldt Sheriffs Office in Eureka, California is using Fishers Pulse 12 boat towed metal detector for vehicle recovery operations in nearby lakes and rivers, reports Det. Phillip Daastol.

.....Vero Beach Police Dept. in Vero Beach, Florida use their Pulse 8X regularly for evidence recovery. "It's a great piece of equipment!", reports Det. Daniel Cook.

.....Whitehall Fire Dept. in Whitehall, Pennsylvania has purchased Fishers Pulse 8X underwater metal detector and DHL-1 surface-supplied diver-held light system for use in their search and rescue ops.

.....The Maryland National Resources Police in Annapolis are using their Fisher Pulse 8X to locate historic artifacts.

.....Harrison Township Pennsylvania Fire Chief David Jones is using Fishers Pulse 8X detector with optional boat-deployed coil for vehicle recovery operations in area lakes and rivers. "Last Thanksgiving a car was driven off a boat ramp in an apparent suicide attempt. As often happens in this scenario, the air filled vehicle floats for several minutes before sinking to the bottom. In a river with a fast moving current, this means the vehicle can travel some distance before sinking. This can dramatically increase the size of the area to be searched. In order to reduce the time divers had to spend in the 38° water, the boat-deployed 18" coil with 100 foot cable was attached to the Pulse 8X. The vehicle was quickly located and recovered," reports Chief Jones. The team also used the Pulse 8X in it's standard diver-held configuration to locate a handgun thrown into a local quarry. The weapon was used in the commission of a violent crime and recovery of the gun was essential to allow prosecution of the offender.



CHIEF DAVID JONES AND THE HARRISONTOWNSHIP DIVE TEAM

.....Sarasota County Sheriffs Dept. in Sarasota, Florida is using Fishers Pulse 8X detector for their evidence recovery operations, reports Lt. Kevin Gooding.

.....Jackson Police Dept. in Jackson, Mississippi have located several weapons with their Pulse 8X detector. The evidence recovery was crucial in making a case.

.....Covington Fire Dept. in Covington KY is using Fishers TOV-1 towed video system to assist divers in recovery ops.

.....New Mexico State Police in Las Cruces have purchased two Fisher Pulse 8X detectors for their search operations.

.....Burke County Emergency Management Agency has successfully used Fishers DV-1 dropped video system to locate drowning victims in area lakes. **JWF**

TREASURE CORNER

VIRGIN ISLAND SENATOR'S RING FOUND WITH PULSE 8X DETECTOR



VI SENATOR REDFIELD WITH BARRY SHIPMAN AND HIS DETECTOR

.....Avid detectorist and Fisher Pulse 8X user Barry Shipman located an 18 karat gold ring lost almost 25 years ago by now Virgin Islands Senator Holland L. Redfield II. "I was at South Grapetree Beach in St. Croix throwing a ball, when the ring flew off my finger", reported Senator Redfield. Shipman, an aviation technology instructor, spends his leisure time diving and snorkeling for jewelry lost by tourists who flock to the islands in the winter months. Barry has been quite successful, having located many wedding bands and engagement rings. "The senator's gold ring was found under 8 inches of sand in about four feet of water. The ring is quite unique, engraved with the senator's initials and the family crest", Barry says. "I knew right away I had found something special." He was discussing his unusual find with a government official over morning coffee when it was suggested the ring might belong to Senator Redfield.

Barry contacted the senators office and told them of his find. The senator responded back,

describing the ring's crest in vivid detail and the ring was returned to it's rightful owner. Senator Redfield was ecstatic saying, "The ring doesn't have a scratch on it. It's like it just came off my finger yesterday! A jeweler tells me its worth almost \$3,000." Barry was offered a reward for finding the ring but turned it down, instead asking the senator to make a donation to Barry's favorite charity, the St. Croix Animal Shelter.

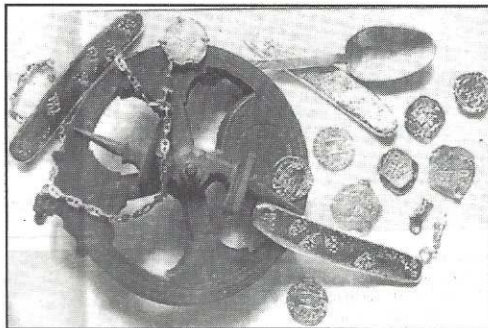
.....NUMA, the agency founded by adventure novelist Clive Cussler to search for and recover historic shipwrecks, has purchased Fishers Pulse 12 boat-towed metal detector equipped with the UA-2 altimeter and a diver-held Pulse 8X detector for a treasure recovery operation off the Texas coast. "We've already located cannons and other artifacts using these detectors", reports company president Wayne Grondquist. In Cussler's books the main character Dirk Pitt, a combination of James Bond, Sherlock Holmes, and Tarzan all rolled into one, travels the globe for the fictional federal agency, NUMA, foiling terrorist plots, solving mysteries, and always rescuing the damsel in distress. His almost dozen books in this adventure series are great reading for anyone who enjoys stories with plenty of action on and under the water.

.....Ian Koblich, president of Marine Resources in Key Largo, Florida got a nice present on his birthday. While using his Pulse 8X on a wreck site he found a gold cross inlaid with emeralds. "I've found a lot of gold with the this detector", Ian says. **JWF**

photo by Terry Monaghan

CUBAN TREASURE (Continued from page 1)

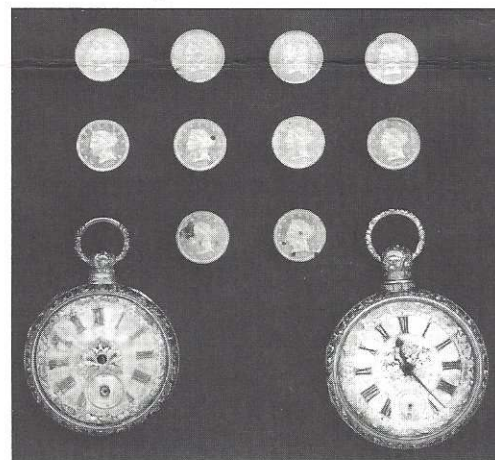
waters which have been untouched for centuries. Spanish galleons laden with gold and silver lay undisturbed among the reefs of Cuba's coastline where they were sunk by hurricanes and pirates hundreds of years ago. In an agreement recently signed with Fidel Castro, a Canadian consortium, of which Mr. Burt is vice president of operations, has been enlisted to locate and map these wreck sites. Treasure and historic artifacts on these wrecks is valued in the billions of dollars. Some of the ships were carrying artifacts seized by the conquistadors from the Aztec, Mayan and Inca civilizations. Ed tells us, "We'll be the first people in this area to uncover 500 years of history. Nations fell because of these ships and the silver route. The Spanish changed the world forever when they decimated the Inca, Mayans and Aztecs to quench their thirst for precious metals and jewels". **JWF**



REPRODUCTIONS OF GOLD DOUBLOONS, SILVER PIECES OF EIGHT, JEWELRY & AN ASTROLABE AMONG TREASURES RECOVERED FROM WRECKS OCEAN SCAN HAS WORKED

WRECK FOUND! (Cont'd from Page 1)

The MAREX group has recovered some interesting and valuable artifacts from the *North Carolina* wreck site using several of Fishers Pulse 8X detectors. According to VP of operations Ben Marich, a number of gold coins have been recovered with exceptional numismatic value because of their rarity. But searching for treasure is hard work with no guaranty of success. "You never know what you're going to find", Ben says. "You wake up each morning hoping and praying that this will be the day. While the prospects are exciting and the rewards substantial, exploring a wreck is hard, methodical work and not every day brings a new discovery."



RARE GOLD COINS AND WATCHES RECOVERED FROM THE WRECK

To date the divers have found scores of gold coins, a couple of gold watches, and hundreds of artifacts such as silverware, glassware, and kitchen utensils. "The 8Xs are doing a great job for us", confirms boat captain and diver Billy Gill. We've used a lot of different detectors, but those Pulse 8Xs are about the most rugged and reliable detectors we've ever worked with!"

As one would imagine, before diving even began, a lot of work was done to satisfy the governing bodies. Since the ship was more than three miles from the coast a state permit was not required, however, other conditions had to be met. To stake a claim on the wreck, MAREX had to retrieve a number of items from the wreck to identify the ship. They then had to demonstrate to the District Admiralty Court that they had the equipment and resources necessary to map the wreck site and recover the artifacts while preserving the archaeological integrity of the site. The last condition is of particular importance for preserving local history, a matter in which MAREX takes great pride.

Material submitted by Ben Marich and Roger Howard, Photos by Billy Gill. **JWF**

NEW PRODUCTS!

LOW LIGHT CAMERA NOW STANDARD EQUIPMENT IN FISHERS UNDERWATER VIDEO SYSTEMS

The DV-1 dropped video and TOV-1 towed video now come equipped with a 0.5 lux black and white camera. This high resolution camera provides excellent video pictures even in low visibility conditions.

NEW ON SCREEN DISPLAY FOR DEPTH, COMPASS HEADING AND WATER TEMPERATURE

Fishers now offers an option which allows an underwater vehicles depth, compass heading and water temperature at depth to be displayed on a video monitor.



INFO IS OVERLAID ONTO THE PICTURE FROM THE U/W CAMERA

This device is an add-on to Fishers basic on screen display option for time, date, and boat's GPS position. All the information or just the compass can be displayed. The selected information is overlaid across the top part of the screen where it can be viewed by the operator and recorded on a VCR. Video inspections can be performed with time, date, position, depth, compass heading, and water temperature stamped on the tape; providing permanent record of all essential data.

UNDERWATER ALTIMETER SHOWS DISTANCE IN FEET OR METERS

Fishers UA-2 underwater altimeter can be connected to any towed device and shows the distance between the towed body and the bottom. A two digit LCD displays the distance from 01 to 99 feet or 1 - 30 meters. An adjustable audio alarm can be set to warn if the equipment is getting too close to the bottom. If the distance between the towed body and the bottom is less than the preset distance, the audio alarms fires alerting the operator. The UA-2 is also available with a digital output allowing the readout data to be down-loaded to a computer.

NEW LAND HANDLE FOR JWF PULSE 6X AND 8X METAL DETECTORS

A newly designed land handle is now included with every Fisher Pulse 6X and 8X detector. The new handle allows these commercial-grade underwater metal detectors to be used on land, along the waters edge, or in the surf zone as well as to diving depths of over 200 feet. This rugged aluminum handle has telescoping arm rest and coil shafts which let the user set up the detector for their height and personal det-

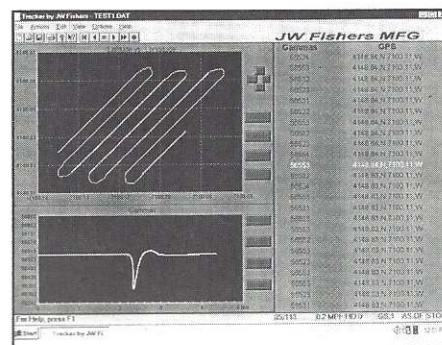


NEW LAND HANDLE INCLUDED WITH PULSE 6X & 8X DETECTORS
ecting style. The new handle is strong enough to withstand the force of the waves when working in the surf, which is a problem area for most detectors. The aluminum is anodized for corrosion prevention and the handle grip is welded to the main shaft. This land handle is part of the extensive accessory package included with each JWF detector. All the pieces needed for working on land and u/w are in the package. The new handle can be purchased separately for use on older model 6X and 8X detectors.

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; E-mail: JWFishers@aol.com

NEW TRACKING SOFTWARE AVAILABLE FOR PROTON 3 MAG

A new enhanced version of Fishers popular TRACKER software is now available for the Proton 3 magnetometer. The original software allowed the mag readout information and boat's GPS position to be displayed and stored on a PC. The new version adds a grid of the search area on the computer screen. As the vessel proceeds through the search area a line is drawn in a window on the screen that enables the operator to confirm the intended search grid pattern is being followed. The mag readout is shown in both analog strip-recorder format and the actual numerical number. GPS position is also displayed for each readout. All information is displayed in a clear, easy to read windows format. Also shown and stored are boat speed, boat heading, sensitivity setting, and alarm setting. Requires 486 (or better) based PC with Windows 3.1 or Windows 95.



TRACKING SOFTWARE DISPLAY

J.W. FISHERS MFG. INC.

1953 County Street
E. Taunton, MA 02718

FORWARD & ADDRESS CORRECTION

BULK RATE
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