

SEARCH TEAM NEWS

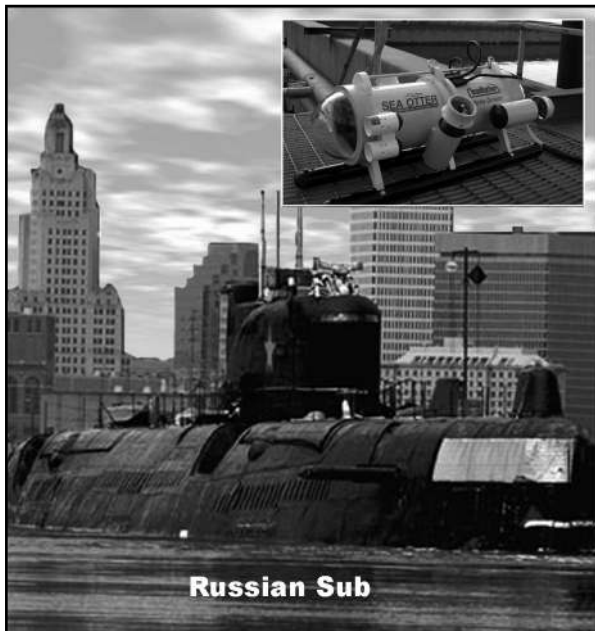
JW FISHERS MANUFACTURING INC



UNDERWATER SEARCH NEWS

ISSUE 19-1

SEAOTTER ROV INSPECTS SUNKEN RUSSIAN SUB



Russian Sub

K-77 RUSSIAN SUB IN PROVIDENCE, RI Inset Photo - SeaOtter ROV

On Halloween Day 1965 the Russian submarine K-77 was commissioned and assigned to the Soviet Northern Fleet. She was a Juliett class sub manned by 28 officers and 54 crewman. Despite her small size, 282 feet long and just under 3,200 tons, the US Navy considered her a formidable adversary. The sub was armed with four nuclear missiles and 22 torpedoes. Her stealth came from a tiled rubber exterior and silent running diesel electric motors which propelled her at a submerged speed of 18 knots. She could remain underwater for 800 hours and descend to a safe depth of 775 feet.

At the end of the cold war the K-77 was determined to be obsolete. Jari Komulainen, "the first son-in-law" to Finland's president Kolvisto, used his influence to convince the Russians to sell him the sub, which he promptly turned in a restaurant/tourist attraction. The venture was profitable, but didn't prove to be the lucrative investment he expected. In 1998 the K-77 was leased to a Canadian businessman and towed to Tampa, Florida. Plans to develop the sub as a tourist attraction in St. Petersburg proved a failure. The promoter filed for bankruptcy and the sub reverted back to

Komulainen.

The Finnish Businessman had no interest in bringing the sub back home, so he put it up for auction on E-Bay with a starting bid of \$1 million. There were no serious bidders; however, the auction attempt caught the attention of a film company. The film company was working on a movie about a Soviet nuclear submarine that had a reactor meltdown on her maiden voyage killing all 20 sailors on board. A deal was made and the sub was towed to Halifax, Nova Scotia for the filming of the movie *K-19: The Widowmaker* starring Harrison Ford and Liam Neeson.

In 2002 the sub was purchased by USS Saratoga Foundation and towed to Providence, RI where it was opened as the "Russian Submarine Museum". For the next 5 years the sub was one of the most popular tourist attractions in the state's small capitol. All that changed in April of 2007. A severe storm battered the city with heavy rains and strong winds. The sub was thought to be berthed in a safe place behind the city's hurricane barrier. However, with the barrier closed, huge pumps discharged storm water directly onto the stern of the sub. This allowed water to begin leaking through doors put in the pressure hull for tourists to enter. The nor'easter pounded the sub with wind and water for more than 24 hours until it could take no more, and she sank to the bottom.

Museum officials were distraught, but quickly decided the K-77 should be salvaged. Consulting with the Coast Guard, marine surveyors, and salvage professionals, a plan was developed to raise the sub. There were two primary concerns to be addressed before a salvage operation could begin. One was the potential of pollution from a small amount of fuel in the sub, the other was the submerged mooring lines and chains still (contd on pg 2)

INSIDE...

Page 2 - NOAA Research helped by underwater camera

Page 3 - Government agencies & military units perform underwater searches

Page 4 - "Treasures Found"

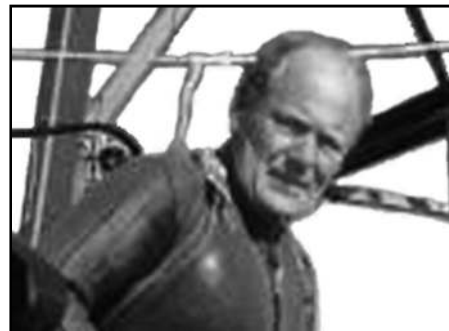
Page 5 - Law Enforcement and Dive Rescue News

Page 6 - Company News and New Product Info

QUEST TO FIND WORLD'S RICHEST WRECKS CONTINUES

On May 10, 1999 the salvage boat Restless M was making a routine survey off the coast of Java. Just another day of "mowing the lawn" as its called in the salvage business. Endless hours spent running detection equipment in a grid pattern over the ocean floor. Suddenly a small anomaly registered on the magnetometer and small debris field was spotted with the side scan sonar. Crew members thought it was probably just another of the many vessels sunk in this area with nothing of value on board, but better to send divers down and confirm its identity than ignore it. What they found was the wreck of the Tek Sing. Excavation of the site yielded the largest and most varied cargo of porcelain ever salvaged, with pieces dating from the 15th through the 19th century. More than 360,000 pieces were recovered!

The man who found the wreck was Capt. Mike Hatcher. He has been described as one of the (contd on page 5)



**CAPTAIN MIKE HATCHER,
THE WRECK SALVAGE KING**

RUSSIAN SUB (from page 1)

attached. These would be a hazard to divers that were needed to seal and secure the sub for raising. Before starting work an underwater survey would have to be performed. The best tool for the job was an ROV.

Museum officials contacted environmental services company Clean Harbors which had purchased a SeaOtter ROV from Fishers the previous year. Operations manager Scott Metzger had performed a number of successful inspection operations on power plants and floating tourist attractions. One inspection operation involved cutting a hole through 6" of ice and deploying the ROV into the frigid water to inspect piping.



CLEAN HARBORS TEAM TRAINING WITH SEAOTTER IN A POOL

The survey of the K-77 presented several challenges to the Clean Harbors team. It would be difficult to navigate the ROV in the low visibility water of the river, and the mooring line and chains that were a hazard to divers, also posed a threat to the ROV.

The team spent two days at the site carefully maneuvering the vehicle around obstacles while viewing and recording images in the comfort of their control van. When it was over they had successfully performed a complete survey of the crippled vessel and gathered enough information to allow divers to safely enter the water.

With the survey complete, a team of US Army and Navy divers along with a contingent of federal, state, and local officials descended on the site. In only a few days the sub was brought to the surface. Museum officials hope the clean-up operations can be completed soon and the sub will once again be opened to the public. They are confident she'll enjoy new popularity with another page added to her fascinating history. **JWF**

INTERNATIONAL NEWS

.....Nigerian oil field services company Digital Horizons recently purchased two of Fishers Pulse 8X metal detectors. The company had previously purchased two SSS-100K/600K side scan sonars and three of the SCAN 650 scanning sonars.

.....Norwegian marine services company NEXANS is using Fishers Diver Mag 1 magnetometer. The equipment is being used in a project involving construction of offshore wind turbines.

.....LPK Geomatic Services Co. in Vietnam is using Fishers Proton 4 magnetometer and SSS-100K/600K side scan sonar in a survey and construction project in the port of Hiep Phuoc.

.....Landmarine Ltd, a marine services company in Valparaiso, Chile is using Fishers SeaOtter ROV and Pulse 8X metal detector for their search and survey operations says Fernando Landeta.

.....Engwirda Marine, a commercial diving company in Queensland, Australia is using Fishers Proton 4 magnetometer with 500' cable and DDW-1 deep dive wing for their deep water search and salvage operations.

.....Yantai Shunda Ocean Engineering Co. in China's Shandong Province has purchased several of Fishers Proton 4 magnetometers for use in their construction and salvage operations.

.....Geomines S.A.S. a French leader in onshore and offshore mine clearance operations has purchased Fishers SeaLion ROV with a manipulator arm.

.....Divers Marine Contracting LLC, a marine services company in United Arab Emirates is using Fishers SSS-100K/600K side scan sonar with DDW-1 deep dive wing for their deep water survey operations reports managing director Abdulla Darwish. The company had previously purchased a SeaOtter ROV.

.....Mer Terre, an Israeli civil engineering company specializing in marine related projects has purchased Fishers Pulse 6X hand-held metal detector. The company previously purchased the Pulse 10 boat-towed metal detector.

.....Latvian Maritime Administration is using Fishers DDW-1 dive wing. **JWF**

NOAA RESEARCH HELPED BY UNDERWATER CAMERA



SCIENTIST DEPLOYS TOV-1 TOWED CAMERA, Inset photo; UNDERWATER SHOT OF MARINE VEGETATION

The US government's National Oceanic and Atmospheric Administration (NOAA) has an army of different divisions and a vast array of responsibilities. Their primary mission is monitoring the condition of the oceans and atmosphere. At NOAA's Coastal Services Center scientists make difficult decisions about habitat conservation and resource management in a complex ocean environment. The more information they can gather, the easier it is to develop good solutions. Many tools assist them in their research and one of the most helpful is the towed underwater camera.

Mark Finkbeiner, the center's senior marine ecologist, is using two of Fishers TOV-1 towed video cameras. His team is studying seagrass communities which are among the richest and most productive coastal systems in the world. This marine vegetation improves water quality, provides shoreline stabilization, and is an important habitat for an array of fish, birds, and other wildlife. It is critical that this important living resource be protected.

"The towed cameras have been instrumental in mapping operations all over the country", reports Dr. Finkbeiner. We've used it in a variety of different habitats from the turbid water of estuaries to deep water reefs." In New York's South Shore Estuary Reserve NOAA scientists worked in partnership with the NYS Division of Coastal Resources to survey over 81 square kilometers of seagrass beds. The data set will serve as a baseline inventory of submerged aquatic vegetation (SAV). In coastal states from Delaware to South Carolina, Dept of Fish and Game officials are working with NOAA scientists to survey oyster reefs, a marine fishery that is of vital economic importance.(contd on page 4)

GOVERNMENT AGENCIES, UNIVERSITIES, & MILITARY PERFORM U/W SEARCHES

.....Naval Underseas Warfare Center in Newport, RI has purchased two of Fishers CT-1 cable tracking systems. The CT-1 lets a diver locate and follow power and communications cables.

.....University of South Florida in St. Petersburg has purchased several of Fishers SFP-1 acoustic pingers with extended housings. The pingers allow underwater sites and oceanographic instruments to be quickly and easily relocated using a pinger receiver.

.....Mobile Diving and Salvage Unit 1, the US Navy's premier diving and salvage force in Pearl Harbor, Hawaii, is using Fishers Pulse 8X metal detector for their underwater search operations.

.....University of South Carolina at Columbia is using Fishers DDW-1 deep dive wing. The wing allows deeper towing of equipment such as side scan sonars, cameras, and metal detectors using less cable.

.....The Underwater Crime Scene Investigation Team based at Florida State University has developed a program that provides advanced training in crime scene investigation for aquatic environments. Two devices divers learn to use are Fishers Pulse 8X metal detector and Diver Mag magnetometer.



DIVER SWIMS WITH DIVER MAG 1

.....Miami Dade Water and Sewer Dept. is using Fishers Pulse 6X metal detector to locate pipelines buried under canals and rivers reports diver Daniel Machado.

.....Regional Center for Underwater Demining in Montenegro is using Fishers SSS-100K/600K side scan sonar. The center is part of the SEEMAC, the South-Eastern Europe Mine Action Coordination Council which was formed to locate and disarm mines placed in coastal areas of the Adriatic from the first World War through the region's most recent conflicts. These unexploded devices are a serious threat to fisherman, boaters, and divers.

.....National Marine Fisheries Service in Beaufort, SC is using Fishers TOV-1 towed video system with the DDW-1 deep dive wing for research and reef surveys. **JWF**

UNDERWATER CAMERAS HELP CALIFORNIA FISHERY



CA FISH AND GAME OFFICER RAY MICHALSKI DEPLOYING THE DV-1

Over the past 5 years squid has soared past salmon, swordfish, and tuna to become the top seafood in California by volume and dollar value. The state's harvest of this fast moving mollusk has been phenomenal, growing 500% since the 1980s, with a wholesale value of over \$30 million, more than double the value of salmon. The "market squid" supports the largest commercial fishery both in quantity landed and dollars generated per vessel.

In the early days of squid fishing, boats from as far away as Alaska steamed into CA waters to get a piece of the action. There were no catch limits, permits, seasons, or boundaries. This created a growing fear the fishery would collapse as the sardine fishery had in the 1940s. If this happened the affects would be far reaching warned marine biologists. Squid are a key link in the Pacific food chain. They are an essential ingredient in the diet of salmon, sealions, whales, dolphins, and many seabirds.

Thanks to research, recommendations and efforts by the state's Dept of Fish and Game, the fishery seems to be stabilizing. However, the fishery was being managed without an accurate record of population abundance, which is critical to establishing catch limits. One of the tools being employed in this effort is Fishers DV-1 underwater camera. This simple drop video system has a high resolution camera mounted in a 250 foot depth rated housing equipped with two powerful 100 watt lights. The DV-1 is lowered close to the bottom, and from the comfort of the boat, observers can see the size and distribution of the gelatinous egg beds far below. (contd on page 4)

COMMERCIAL NEWS

.....HT Marine Services in Panama City Florida used Fishers Diver Mag 1 hand-held magnetometer on a pipeline location and tracking job for Bay County Utility Service. Project supervisor Rudy Watts reported, "With the help of the mag our team was able to quickly find the pipeline and track it over several hundred feet."

.....EIC Labs in Massachusetts has purchased Fishers UA-2 underwater altimeter. EIC develops cutting edge technology in the fields of spectroscopy, biotechnology, and the material sciences.

.....American Marine Construction in Florida is using Fishers SSS-100K/600K dual frequency side scan sonar and SCAN 650 scanning sonar on their reef construction projects. "The sonars work great", says operations manager Wayne Konga. They let us see the size and shape of the reef structure even when there is zero visibility in the water.

.....Swann Search and Recovery in Tennessee is using Fishers Pulse 12 boat towed metal detector to locate sunken vessels and lost objects in the Red River.

.....CW Divers, a commercial diving company in Farmington, NM is using Fishers SCAN 650 scanning sonar to assist in their underwater salvage operations reports owner Bill Donohue.

.....American Diving in Texas, a training institute for both recreational and commercial divers, has purchased two Pulse 8X metal detectors for use in its programs.

.....Anchor Mooring Co in California is using their Pulse 8X detector to locate anchors and chains says owner John Brelin. "The detector is doing a fine job for us."

.....Pete's Marine Service in NJ is using Fishers SeaLion ROV with RMD-1 remote metal detector and SCAN 650 scanning sonar for their search and survey operations.

.....Beijing Member Technology Co. in China has purchased Fishers SSS-100K/600K side scan sonar with 200 meter cable and the DDW-1 deep dive wing. The system will assist in deep water search operations says manager Ring Zhang. **JWF**



**THE STAFF AT BEIJING MEMBER
TECHNOLOGY WITH SIDE SCAN SONAR**

NOAA RESEARCH (contd frm pg 2)

Underwater cameras let researchers see the condition of the habitat. If needed, they can plant substrate to help recruit juvenile oysters. Similar studies are being conducted along the Texas coast from San Antonio to the Mexican border where scientists are acquiring imagery of seagrass beds, oyster reefs, mangrove thickets, and intertidal salt marsh. In central Colorado the TOV is helping with hyperstructural remote sensing to identify and monitor acid rock drainage. This occurs when acid dissolves and leaches out the minerals in the rock, which degrades water quality.

Dr Finkbeiner adds, "these towed systems have performed brilliantly for us. The low light cameras in the TOV-1 produce better images of than any of the other underwater cameras we have used. It's a great product." **JWF**

CALIFORNIA FISHERY (cond frm pg3)

This provides researchers with data on the health and sustainability of the population. Fish and Game's Ray Michalski reports, "the DV-1 has been very useful in the squid egg research, and for a variety of other projects. One is a study of hoop nets used to catch lobster. I even fabricated an attachment that permits use of a grab to take bottom samples. The system works really well for us."



SQUID EGG SACKS ON OCEAN BOTTOM

With the information provided by the DV-1 and many other new technologies, CA officials are making informed decisions about the best way to protect and sustain the state's valuable marine resources. New regulations have been established that put an end to the wild west type fishing in their waters. New rules set quotas, limit the number of permits, and recommend new research and oversight. These efforts have helped make California a leader in fisheries management by doing something other states have been unable to; set limits before a crisis occurs. **JWF**

..... FROM THE TREASURE CHEST



TIM McPHILLIPS WITH HIS PULSE 8X,

.....Ohio treasure hunter Tim McPhillips reports, "The Pulse 8X is working great. I found several old and unusual coins including 2 turban head large cents, 2 coronet type large cents, a draped bust half cent and an unidentifiable copper coin. I also found a large brass buckle and a sterling silver hair clip." A week later in another email Tim said, "The Pulse 8X just earned its keep with the find of a large and heavy gold watch and a very nice white gold man's wedding band. In his third email Tim reports, "I just worked an area that I had previously searched using another metal detector. With the Pulse 8X I found an 1804 capped bust large cent, an imperial standard button, some musket balls, and a 1907 Indian head penny. In his last email Tim says "Today I picked up rings #7 and #8, 7 was silver with a beautiful green stone. Your machine flat out rocks! Thanks for making such a great product."



SOME OF TIM'S RECOVERED COINS AND RINGS

.....John Chatterton, co-host of the hit television series Deep Sea Detectives, recently visited Fishers factory in East Taunton. He came to discuss a new wreck hunting project in the Caribbean he is involved in. John and his associates are using a variety of underwater search systems including Fishers Pulse 12 boat-towed metal detector and several of the Pulse 8X hand-held detectors.

.....James Brown of Connecticut reports, "I took my new Pulse 8X out for the first time today. I didn't find any jewelry, but it was early spring and the crowds haven't arrived at the beach yet. I did find a nice brass button, a civil war era mini ball, and a number of coins."

..... Minnesota diver Jeff Harris is having lots of fun with his Pulse 8X detector. The 8X is great! I can go to spots that I've dove lots of times before and it's a whole new experience using the metal detector. I haven't found anything of "great value" yet, but everything I find is a like a *treasure* to me."



DIVER JEFF HARRIS WITH HIS PULSE 8X DETECTOR AND SOME FINDS

.....A group of salvors are using Fishers Pulse 8X detectors to work the wreck of SS New York, a steamship that sank off the Louisiana coast in 1846. Submerged in only 60 feet of water the wreck holds an incredible store of very rare gold and silver coins. Of particular interest to coin experts are the gold pieces known as quarter eagles and half eagles which carried a face value \$2.50 and \$5 in the days before the US printed paper currency. They were struck at mints in New Orleans, Charlotte NC, and Dahlonega GA. These mints operated from 1838 until the beginning of the Civil War, but never reopened again. The group has already recovered thousands of these very valuable coins. **JWF**

SEARCH FOR WORLD'S RICHEST WRECKS (contd frm pg 1)

most successful shipwreck salvors of modern times, earning him the nickname "Wreck Salvage King". He was catapulted to fame after locating the Tek Sing, the last of the great ocean going junks.

The ship set sail from China in 1822 with nearly 2,000 people on board. After 24 days at sea she struck a reef and sank, taking more lives than the infamous Titanic disaster 90 years later.

Tek Sing was not the only major shipwreck located by Capt Hatcher. He also located the Geldermalsen with a fabulous cargo of Chinese porcelain and gold bars. Known as the "Nanking cargo", the treasure was sold at auction by Christie's.



PART OF \$50 MILLION IN TREASURE RECOVERED BY CAPT. HATCHER

Several years ago the Capt went into "semi-retirement" as he refers to it. The retirement lasted for several years before the fire-in-the-gut brought him back to the hunt. The Wreck Salvage King is back working on a new project.

Capt. Hatcher recently visited Fishers factory to consult with their u/w search specialists about some additional equipment to add to his arsenal for the project.

"I've been a longtime user of Fishers side scan sonars and metal detectors", Hatcher said, "and I've had great success with them". The captain selected the Pulse 8X hand-held detector and Pulse 12 boat towed detector. His parting words were, "I'm very excited about getting back to the hunt. Once you've experienced the thrill of making a big find, you can't get it out of your blood." **JWF**

LAW ENFORCEMENT AND DIVE RESCUE NEWS



SGT. ANDRE JACK (R) AND DEPUTY DUNN FROM SUFFOLK COUNTY SHERIFF DEPT GET SIDE SCAN TRAINING

.....Suffolk County Sheriffs Dept in New York purchased the SSS-100K/600K dual frequency side scan sonar and DDW-1 deep dive wing for their search operations. Two members of the department came to Fishers factory in East Taunton, Massachusetts for training.

.....Solano County Sheriffs Dept in California is using Fishers TOV-1 towed video system and deep dive wing for their search and rescue operations.

.....Galatin County Search & Rescue in Montana has purchased Fishers DV-1 drop video system and Pulse 8X metal detector for their u/w search ops.

.....Toulumne County Sheriffs Dept in California has purchased Fishers SCAN 650 scanning sonar to attach to their Fishers SeaLion ROV which they have been successfully using in their search operations for several years.

.....Monroe County Dive Team in Indiana is using Fishers SSS-600K side scan sonar with the optional Splashproof computer for their search operations. The 600K side scan can easily locate a variety of targets from drowning victims to sunken vessels and submerged vehicles.

.....North Port Police Dept in Florida is using Fishers Pulse 8X metal detector for their evidence recovery operations.

.....Escambia Sheriffs Dept in Florida has purchased Fishers SSS-600K side scan sonar with deep dive wing and Splashproof computer along with a Pulse 8X metal detector for their search ops.

.....High Ridge Fire Dept in Missouri is using a Pulse 8X for their underwater search operations.

.....Siskiyou County Sheriff in California is using the 600K side scan sonar.

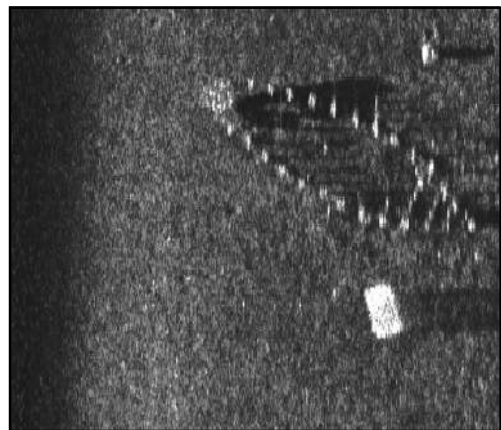
.....Columbus Fire Dept. in Georgia had the opportunity to use their Pulse 8X the very first day they received it reports fireman Robert Bobo. "We got a call from a distraught woman saying she had just lost her diamond ring along the edge of a river. Our divers searching with the 8X quickly located the missing ring."

.....Washington County Sheriffs Dept in Minnesota has purchased Fishers SSS-600K side scan sonar with Splashproof computer. "The system is very easy to use", says diver Jim Anderson. "I never had any formal training on side scan operation. We just took it out and started towing it in areas where there were sunken objects, many I had dove on."



55 GAL DRUM ON RIVER BOTTOM

Very quickly we were getting good images, one was of a 55 gallon drum which you could even see the ridges on, and another was an old wooden boat that was mostly buried leaving only the vertical ribs showing. The colored monitor makes the target jump out."



WOODEN BOAT'S VERTICAL RIBS

.....Hartford Police Dept in Connecticut is using Fishers DHC-1 diver-held camera to videotape underwater crime scenes and evidence reports Sgt. Robert Allan.

COMPANY NEWS — NEW PRODUCTS AVAILABLE —

CUSTOMER FEEDBACK

.....Brad Brown of Milbury, MA writes, "I want to thank you for all you've done. Your company has given me excellent service. It's a great pleasure these days to do business with people as professional as all of you. If I lived near Taunton, I'd apply for a job with JW Fishers."

.....Freddy Stone of North Carolina writes, "I have been metal detecting for 14 years. Recently a close friend passed away and his wife gave me his Pulse 8X. He loved metal detecting and this was his favorite detector! I have found it to be a great machine and now know why he loved it so much."

.....Norman Clark in Maryland writes, "I decided to run a stability test on my Pulse 8X. Previously I owned a PI machine from another manufacturer and was pleased with the sensitivity, however, I did experience one problem that proved quite annoying. The detector would not maintain its threshold setting. Every 5 or 10 minutes I would have to retune the machine. With the 8X I set the tuning once and it was solid as a rock for more than 8 hours of operation. I was very impressed!"

.....After requesting information on a very old model, that is no longer being manufactured, Douglas Houston writes, "I received everything and thank you so much. Not many companies would even answer questions on a 20 year old product, much less within hours! I couldn't have asked for more. Your company has made a lasting impression! **JWF**

NEW FEATURE FOR FISHERS SIDE SCAN SONARS

Fishers side scan sonars are now available with adjustable transducers. Changing the angle of the transducers is done by simply rotating the tail section of the towfish.

Prior to the introduction of this feature the sonar was only capable of scanning the bottom. The downward facing angle of the transducers prevented the sonar from producing a clear image of a vertical surface, such as a seawall or bridge support structure. Changing the angle of the transducers to look to the side allows the sonar to scan the hull of a ship for contraband compartments, inspect the face of a dam, or look for explosive devices in a port facility or on an oil platform. With today's heightened risk of terrorist attack on any front, public safety agencies have insisted on this kind of capability. **JWF**



**FISHERS SIDE SCAN SONAR WITH
ADJUSTABLE TRANSDUCERS**



NEW SEAOTTER-2 ROV

JW Fishers has introduced two new ROV systems. These ROVs are the second generation of the very popular SeaOtter and SeaLion ROVs. The new ROVs are half the size and weight of the first generation, but with all of the power of the older models. Other new features include a smaller, lighter umbilical cable and a hand held PS2 game controller has replaced the old joysticks. The new models now have both front and rear facing color cameras, and both have pan and tilt capability. The topside control unit is mounted in a waterproof case with a built in monitor in the cover.

Additional features for the SeaLion 2 include a 1,000 foot depth rating, high performance motors with more thruster power, a larger monitor, and the ability to control the system from a computer. Options for this model include on screen display, additional cameras for side viewing, auto depth control and auto heading. A manipulator arm and a metal detector option is also available for both of the new models. **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. Send faxes to (508) 880-8949, email: jwfishers@aol.com or visit the website at www.jwfishers.com.

email us at
jwfishers@aol.com
to be removed from
mailing list

ADDRESS SERVICE REQUESTED

1953 County Street
E. Taunton, MA 02718

JW FISHERS MFG INC

PRSR STD
U.S. POSTAGE
PAID
TAUNTON, MA
PERMIT NO. 241