

JAMES L. CROSS Sr.
CONSULTANT

EDUCATION

Orem High School, Orem, Utah
University of Utah
Weber State College, Allied Health Sciences
Brigham Young University

Numerous special courses in Hydraulic Engineering, construction extrication, working in contaminated environments, emergency rescues, mountaineering, diving systems and underwater search and recovery electronics.

MILITARY:

1968 Enlisted in U. S. Army
Basic training at Fort Lewis, Washington – graduated with honors. Assigned to aviation school at Fort Rucker, Alabama where Mr. Cross completed training in aircraft maintenance, flight theory, records, and armament systems. Graduated top five in class and assigned as Crew Chief on UH-1 class Helicopters.

With his civilian background and training, he was assigned while in the Army to N.A.S.A, The Museum of Natural History, The Smithsonian Institute and other agencies to conduct special expeditions into remote areas of the world to collect minerals, which were to be used in comparison with lunar materials recovered on recent flights.

Honorably discharged and returned to Utah.

SIGNIFICANT DATES:

1962– Mr. Cross was head boatman and translator on a first time expedition to explore The Rio Urique River, which runs through the Baranca del Cobre in the Sierra Madre Mountains of Mexico. Collected reptiles, amphibians, plants and mineral specimens.

1963– Head boatman and translator on a first time expedition to explore the Rio San Miguel River, which runs through the Baranca del Senaferosa canyon in the Sierra Madre Mountains of Mexico. Collected amphibians and reptile specimens for several universities throughout the United States.

Over the next few years, Mr. Cross was head guide on geological field expeditions for:

The Museum of Natural History
The Smithsonian Institute
NASA
M.I.T.
Arizona State University
Brigham Young University
University of Michigan
Stanford
Michigan State
University of Wisconsin
Berkley
U. S. Environment Science Dept.
United Airlines
Trans World Airlines
Arizona Fish and Game Dept.
Many other schools and study groups.

1969- Mr. Cross was assigned to N.A.S.A., The Smithsonian Institute, and The Museum of Natural History and other agencies, as a field guide to supervise and help collect mineral specimens from several remote areas of the world to compare with recently acquired lunar samples.

1972 –Mr. Cross organized and led additional expeditions to explore the Urique Canyon, in the remote Sierra Madre Mountains of Mexico. A documentary film was produced for Public Television. In addition, studies were made concerning the primitive Tarahumara and Tepowan Indians who live in the canyons. As with earlier expeditions, detailed maps and reports were made and a photographic record was kept for the governments of the United States and Mexico. Several new sub species of animals were discovered and collected during these expeditions. Comprehensive hydrological studies were performed during these expeditions.

1972 - Mr. Cross was employed as a Fire Fighter with Orem, Utah Fire Department.

1973-76 – Mr. Cross organized and led field trips into remote areas of the Sea of Cortez.

The purpose of these expeditions was to study the marine life and the environment of this unique area. Special support boats and equipment were designed by Jim Cross and used during these expeditions.

- 1973 - Mr. Cross was promoted to Engineer. His responsibilities included handling Hydraulic problems and pump equipment, including driving fire trucks, rescue vehicles and ambulances. Attended numerous specialized schools, including Emergency Extrication School.
- 1974- Graduated from initial E.M.T.school in Utah. Assigned to Ambulance and rescue truck service.
- 1975- Graduated from Weber State College, Ogden, Utah as a Paramedic, ranking second in the class. Continued with special education in Emergency Medical rescue and treatment. Credited with saving numerous lives. Mr. Cross organized and staffed the first registered air ambulance service in the State of Utah and helped develop protocol that evolved into Life Flight.
- 1976- Presented an award for service above the call of duty by the Safety Council in the recovery and resuscitation of a drowning victim. Received numerous letters of recognition for life saving rescue work. Worked as Orem Fire Department photographer, documenting accident and arson scenes.
- 1977- Promoted to Paramedic II (Lieutenant Grade) and given responsibility for Coordinating rescue operations. Performed special underwater recoveries when required. Graduated from E.M.T. instructor's school and became an Instructor for The State of Utah.
- 1978 – Promoted to Engineer II and served as a station captain at Fire Station No.2 for The Orem Fire Department.

During this same period of time, James L. Cross Sr. organized and ran a company that provided specialized support services for the motion picture industry. James L. Cross Sr. provided technical support and designed equipment used in three major motion pictures produced for public television: 1. Earthbound, 2. In search of Historical Jesus, and 3. A President Must Die. Mr. Cross also provided support for the United Artist film “Wanda Nevada” with Peter Fonda, Henry Fonda and Brook Shields. In addition to assisting with the movie series RESCUE 911.

- 1979- Assigned responsibility to formulate a master plan for emergency preparedness for the Wasatch Front area in the event of major earthquakes. Acquired private pilots license and developed aviation skills, as well as attended Parachute jump school in order to learn precision emergency jump techniques to be used in remote area rescues.

Mr. Cross next incorporated Cross International Search & Recovery Company to handle special search and recovery operations. The company and techniques developed by Jim Cross were used throughout the United States in training law enforcement personnel in the use of specialized underwater search and recovery electronics. This program became known as The Aqua Squad Program. Mr. Cross was asked on numerous occasions to conduct searches for drowning victims, downed aircraft, vessels and other water related losses.

1976 – 2004 Mr. Cross became a member of several air museum groups including the Centennial Air Museum, The Canadian War Bird Heritage, and Yesterdays Air Force. He maintains this association up to the present time. Mr. Cross holds a position as a Projects Officer in locating and restoring WW II vintage aircraft.

1982 – 1983 – Contracted by the U. S. Airforce to locate and recover the wreckage of three F-16 fighter jets, which had disappeared while on training flights. The first search involved a potential search area over 1700 square miles of water. Using custom ranging and positioning equipment, sonar equipment, specially constructed surface craft, and techniques developed by Jim Cross, the wreckage and pilot were located and recovered. The recovery of one particular aircraft was instrumental in determining the cause of 19 previous crashes of F-16's. Since this time Mr. Cross has been used by the F.A.A., The various branches of the military, insurance companies and private concerns to locate and recover numerous aircraft from various areas of the world.

1984-Requested by the Korean Consulate to coordinate search efforts for the KAL 747 Airliner, which was shot down by the Russians. These efforts involved the use of several sonar prototypes developed by James L. Cross Sr.

James L. Cross Sr. was asked to conduct specialized training of law enforcement and security personnel in terrorist prevention for the water venues at the Summer Olympics in Los Angeles, California. Top security clearances were granted allowing inspection of all areas of operations. A certificate and medal were presented to James L Cross Sr. for his services rendered at the Olympics.

Mr. Cross was presented an award by the Federal Bureau of Investigations for service in training law enforcement personnel in electronic search techniques, diving programs for law enforcement and for providing anti-terrorist assistance and equipment over the years. Mr. Cross was also presented an award for his outstanding training services in the areas of crime scene management. Mr. Cross and Cross International were highlighted to teach law enforcement class at Barstow, California in Crime Scene Management, electronic surveillance and underwater recovery through the Aqua Squad Training Program.

1985- Cross Marines Services, Inc. was incorporated. During the following years, James L. Cross served as President of Cross Marine Services Inc. and personally designed and handled numerous difficult construction projects throughout the world. Projects have included major work on Hoover Dam, Glen Canyon Dam, Fontanelle Dam, Flaming Gorge Dam, Box Canyon Dam, Fort Peck Dam, Upper Stillwater Dam, Buffalo Bill Cody Dam, Alcova Dam, Cutler Dam, Deer Creek Dam, Mountain Dell Dam, Libby Dam, Meek Cabin Dam, Mantua Dam, Flaming George Dam, as well as numerous other Dams, Power plants and water projects. On these projects, Mr. Cross worked as the project superintendent and was present through all major work. Several of these projects involved Water Temperature Control devices. On one of these difficult projects, Mr. Cross supervised and helped perform major support and installation work for the temperature control systems at Box Canyon Dam located near Mt. Shasta California.

TYPICAL CLIENTS:

Chevron Oil
Shell Oil
Amoco Oil
Bureau of Reclamation
Department of Transportation
F.A.A.
The U.S. Army Corps of Engineers
The U.S. Department of the Interior
The U.S. Navy
The U.S. Army
The U. S. Coast Guard
The U. S. Air Force
The U. S. Department of Defense
Municipal water and power companies

“Over the years, Mr. Cross made Cross Marine Services, Inc. into one of the most successful and innovative marine construction companies in the country today with a continued up swing in jobs performed to date.”

(Intermountain Contractor Magazine)

James Cross was personally responsible for design and completion of numerous difficult diving and marine related projects as listed in the **Construction News Magazine.** He also conducted vessel recoveries along the South Carolina coast after hurricane Hugo struck. Mr. Cross was involved in the rescue efforts and equipment design used to locate victims after the Mexico City earthquake for which, he received a letter of commendation from the Mexican Government.

- 1991 - Mr. Cross Personally worked with Sheik Soloman Al Sabah's in Kuwait during Operation Desert Storm, in designing blowout termination equipment to control the oil fires burning at that time. James L. Cross was personally invited to Kuwait in June of 1991 to pursue this project and to share technology having been recommended to the Kuwait Government by Senator Jake Garn, Congressman Wayne Owens and others. Mr. Cross received worldwide acclaim for his service while in Kuwait.
- 1992 - James L. Cross next became president and CEO for Associated Marine Contractors, Inc. This company was made up of an association of highly trained and respected marine personnel who have established themselves in this particular area of work in keeping with the high standards required by Cross.
- 1994- Mr. Cross personally designed and provided technology and specialized marine support equipment to Columbia University Lamont Doherty Earth Observatory to allow them to conduct one of the most thorough seismic surveys of Lake Mead ever done.
- 1995-1996 - Mr. Cross performed numerous projects around the country, Southern Mexico, the Amazon Region of Brazil and other areas of the world.
- 1996-Mr. Cross was contacted by the U.S.Army to locate and recover a Military H-60 Helicopter and Delta Force Crew from a water crash site using special sonar and remote controlled camera vehicles. Mr. Cross was contacted by the Federal Aviation Administration to aid in locating and recovery attempts on the Value Jet, which had just crashed in the Florida Everglades. Throughout the years, Mr. Cross has located and recovered many other military, civilian and charter aircraft and victims from water crashes sites around the country.
- 1997-Mr. Cross conducted several river and land surveys in remote areas of the Amazon Basin and provided cofferdam design work for the Eye of the Tiger Dam Project in China with associate Fred Riley. Completed several major marine construction projects involving large diameter HDPE pipe.
- 1998- 2000 Completed work for Kennecott Copper Corp., Columbia University, The Federal Aviation Administration, The Bureau of Reclamation, Pacific Corp, Safari Care International and many other agencies.
- 2000 - 2001 - Mr. Cross was project supervisor and onsite company representative for major causeway repair work for Union Pacific Railroad Co. on the Great Salt Lake. Also designed and organized equipment and techniques used on the West Desert Breach Project while under contract with the State of Utah.
- 2000-2003 – Mr. Cross was in charge of the Folsom Dam Project in California, the Meeks Cabin Dam Intake repair project, the Electric Lake survey for Pacific Corp and conducted several search and recovery operations for the National Park Service.

During this same period, he contributed engineering and design work for many State and Federal agencies relating to Marine work. He continued to work as a principal in Associated Diving and Marine Contractors LLC and Head of Marine Operations until November of 2003 wherein he sold his interest and continued to provide his services through Marine Projects Consulting Company. He is currently Head of Marine Operations for all marine diving and salvage operations under special permit with the National Park Service at Lake Powell, Utah. Mr. Cross serves on the Utah Lake Development committee and with other water resource agencies.

2004 – Mr. Cross is a founding member of Amazon International started in 1998 to the present time. This organization is a preservation and humanitarian foundation using the theme of Health Care Anywhere. This effort can be viewed at www.amazoninternational.org. He is currently President and CEO of Marine Project Consulting Company assisting various agencies in the planning and implementation of Marine related projects. Mr. Cross also provides local, state and national law enforcement and search and recovery agencies with special training in the use of sonar and other equipment through the Aqua Squad program.

2005- Mr. Cross through Cross International Search & Recovery located more than 140 lost vessels in the waters of Lake Powell. Many of these were recovered as a cleanup of this waterway. Cross International offers its services to law enforcement and other agencies in victim searches and other humanitarian efforts. These included recovery work along the East Coast following Hurricane Katrina and Wilma.

2005 – 2006 Mr. Cross and Cross Marine Projects have been working as onsite consultants to help locate, document and properly recover artifacts from several early Spanish shipwrecks along the Florida Keys.

2006-Mr. Cross and Cross Marine Projects has worked as consultants for American Oil Company, Deep Blue Marine, The Sorenson Group and others as needed. He has been asked to participate on several environmentally oriented boards in regards to public education watershed management, Utah and Great Salt Lake issues. He has been asked to teach special classes at High Schools and universities involving the underwater environment, underwater archeology and other topics.

2006-Cross Marine Projects under the direction of Mr. Cross, completed major dredging, dock installation and other work at the American Fork Marina, Pelican Bay Marina, Lindon Marina and Provo State Parks Marina in Utah

2006-Mr. Cross donated time and equipment to locate the wreckage of an aircraft from the waters of Utah Lake. He also was instrumental in the recovery of three victims of the crash and in helping the FAA determine the cause of this accident.

- 2006-Cross Marine Projects completed major work on the Silver Springs Lake development in Utah,
- 2006-2007-Mr. Cross and Cross Marine Projects performed difficult Underwater recovery work for Obyashi Company of Japan involving the Hoover Dam Bypass Project directly below Hoover Dam (The Pat Tillman Bridge). Completed the Lake Mary MOA Lake Pipeline System, Recovered aircraft and vessels post Hurricane Katrina and Wilma.
- 2007-Mr. Cross and Cross Marine Projects were called upon to locate and recover a plane that crashed in the Lake Powell Recreational Area. This aircraft was carrying Rulon Gardner the Olympic Wrestler, who along with two other passengers were able to get out of the aircraft and were later rescued. This recovery was difficult in that it was miles from the nearest facility and the plane was equipped with an explosive deployed emergency parachute.
- 2007-Mr. Cross and Cross Marine worked as a consultant for the Petro Hunter Company in regards to the Great Salt Lake. Cross also performed a difficult underwater high flow Ozone Diffuser underwater inspection. Cross is currently acting as a consultant for several international companies and for the Environmental Protection Agency.
- 2008-Performed major repairs on Pump Station No. 1 and 3 for Great Salt Lake Minerals on the Great Salt Lake. This involved diving operation in liquids at temperatures as low as, 27 degrees. This required the design and construction of underwater water containment structures.
- 2009-Mr. Cross using specially designed support vessels and commercial diving equipment was asked to document and recover rare dinosaur tracks from underwater locations by the Colorado, Arizona and Utah State heads of Paleontology.
- 2008-Conducted numerous difficult deep water recoveries at Lake Powell and many other locations.
- 2009-Removed the underwater remnants of the Lucine Cutoff railroad trestle running across the Great Salt Lake.
- 2009-Mr. Cross visited Iraq at the request of the Iraq Ministry of Transportation through the Nevi Group, to put together a program to remove over 250 vessels from the Tigris River, which were sunk during the war various military conflicts. Mr. Cross and Cross Marine Projects designed special in water temporary dams to vacate waters surrounding vessels up to 900 feet in length.
- 2010-Provided technology and underwater equipment designs to help control the BP Oil

Spill.

- 2010-Designed special cleanup equipment for the Red Butte Oil Spill in Salt Lake City for Chevron Oil. Provided men and equipment throughout the project, as a principal contractor.
- 2010-Provided support vessels, divers and special equipment to the United States Geological Survey for scientific explorations in the Great Salt Lake and Utah Lake.
- 2010- Provided specialized vessels and support equipment to conduct underwater sediment studies on Tibble Fork and Silver Lake for the State of Utah.
- 2010-Cross help an aviation company located in India recovery a private aircraft and pilot from the waters of Lake Bargi. This was accomplished after the Indian Navy had searched for more than 30 days previously.
- 2010-Using special diving equipment and highly trained workers, Cross located a lost wedding ring in the waters of Utah Lake for a newly-wed couple.
- 2010-Cross designed special hydraulic jaws and camera equipment, which were then constructed in Sweden under the direction of Jim Cross and Cross Diving and Marine for the deepwater recovery of two vessels from the Lake Powell Recreational Area.
- 2011-Cross recovered various vessels from waterways around the country.
- 2011-Cross provided logistical support, barges, research vessels, men and other Equipment, for a major seismic survey of the Salt Sea in California for Scripps Institution of Oceanography. This survey was designed to measure increased movement along the San Andreas Fault after the Tsunami in Japan. This difficult project was performed under extreme weather and logistical conditions. Findings were later published in several prominent scientific journals and magazines.
- 2011- Cross was asked to act as a Search and Recovery Consultant for the Tighar Group in attempting to locate where Amelia Earhart may have crash landed on the Gardner Island Atoll.
- 2011-Cross provided vessel, manpower and other specialized equipment to aid in the filming of a vessel jump stunt over a causeway on Utah Lake by the Nitro Circus filming company.
- 2011-Cross designed and performed a difficult penetration project through an active dam in Grace, Idaho for Pacific Corp. This required a special pressure containment structure be designed, built and installed by Cross Marine. The containment structure had to be cleared of approximately 3,000 cubic yards of sediment prior to the 24 inch penetration and installation of a flared intake.

2011-Cross recovered large dredging equipment from the chemical ponds at the FMC Company plant near Rock Springs, Wyoming. This was a difficult barge supported salvage and recovery project utilizing unusual systems, approaches to the recovery and supervision.

2011-Cross conducted numerous large capacity potable water tank cleaning, inspection and repairs projects.

2011-Cross performed emergency underwater stop log work at Grace, Idaho for Pacific Corp Company. Rapid response and special equipment were utilized.

2011-Cross provided research vessels, commercial divers and underwater photographic equipment to a scientific expedition involving parties from Brazil and Italy to study new life forms recently found in the Great Salt Lake.

2011-Mr. Cross and Cross Marine have been asked by the local government of the areas damaged by the Tsunami to assist in victim locating and recovery along with vessels, vehicles and other items. Our suggestions and proposals accounted for the locating and recovery of 4,000 victims.

2011- Mr. Cross and Cross Marine designed specialized equipment to remove a leaking gas pipe from across the Colorado River below Moab, Utah. This environmentally sensitive project was performed without damage to the unique environment.

2011- Mr. Cross and Cross Marine performed an emergency repair of a dam located at the Girl Scout Camp in the Wasatch Mountains of Utah. These dives were performed at altitudes of 11,500 feet above sea level.

2011- Mr. Cross and Cross Marine performed emergency repair work on the newly constructed Jordan River Bridges in Utah. These Bridges were in danger of failing due to flood conditions. Cross divers were able to divert the floodwaters, perform underwater welding and as a result the structures were preserved.

2012- Mr. Cross and Cross Marine performed a four month long project under extreme winter conditions on Sevier Lake in central Utah. Using special amphibious vehicles and airboats a one of a kind survey was performed. To date no other similar survey has been performed in the western United States.

2012 -2014 – Mr. Cross and Cross Marine have completed numerous underwater projects to include work in Japan post Tsunami. This effort has been endorsed and supported by the United States Senate, The House of Representatives, World Trade Organization, Tokyo Electric and Power and many others. Cross Continues to solve today's problems with tomorrow technology. James L.

- Cross Sr. was invited to Japan by the government to help design special equipment and systems that have been used to help mitigate the flow of contaminated waters into the ocean.
- 2013- Provided technical support and equipment for placing a Grand Piano in Utah Lake to be played by William Joseph. See on you tube under Utah Lake Piano.
- 2014 – James L. Cross Sr. and Cross Marine were called upon to aid the John Hopkins University Department of Applied Physics and the US Navy in testing new antennas for the Nuclear Submarine Programs.
- 2014 – Cross Marine is currently working on an ongoing program to rid the nation’s waterways and lakes from the invasive species Phragmites Australis using specially designed tracked amphibious vehicles.
- 2014- James L. Cross Sr. and Cross Marine are currently working with the United States Navy offices out of Washington D.C. in the recovery of WWII historical artifacts from multiple locations around the world. Cross designed a program that would include returning veterans to assist in this effort of locating and recovering their brothers from an earlier time and war.
- 2015 – Cross Marine recovered and transported one of the greatest dinosaur finds in history. This specimen is currently being studied at the Thanksgiving Point Museum. Cross Marine is currently working with the government and major museums to establish scientific facilities in Japan and other areas.
- 2015 – Cross Marine created a channel nearly four miles in length to supply a major salt company with product. This was due to historical low water conditions in the Great Salt Lake and required the construction of special equipment to carefully re-locate unique life forms that were discovered on the lake bottom.
- 2015 – Cross Marine was called upon to design, construct and position a highly specialized support platform that was placed in the Great Salt Lake. This unit measures special conditions within storms that are believed to endanger aircraft passing nearby.
- 2015 - Cross Marine conducted a difficult repair project on Cutler Dam in Utah. This project required specially designed and deployed support systems to recover and replace components that had been in place for over 80 years.
- 2015 – Cross Marine conducted underwater inspections and evaluations to allow the

construction and placement of a new intake structure at the Cherry Creek Reservoir.

Cross Marine performed major intake and discharge maintenance work on Soda Springs Dam for Pacific Corp. Very difficult and dangerous work near and around leaking intake valves and piping.

Cross Marine conducted multiple potable water inspections, cleanings and sealing of numerous facilities across the country to include 15,000,000 gallon units.

Cross Marine was called upon by the Department of the Interior to conduct numerous vessel and aircraft recoveries after hurricanes and other historical disasters.

Cross Marine developed sealing systems for several dams throughout the United States.

Cross Marine conducted several environmental surveys requiring our specially designed airboats and other support systems.

2016 -Cross Marine performed underwater survey work for the State of Utah to help design a permanent fishing pier at Fish Lake Utah.

Cross Marine using special high capacity barges, constructed several major underwater reefs for the State of Utah at Willard Bay requiring hundreds of loads of heavy dump trucks and rock materials. Specially designed systems were constructed by Cross Marine to accomplish this highly praised project on time and within budget.

Cross Marine performed many potable and industry underwater inspections, cleaning and sealing of numerous containment systems throughout the western states.

Cross Marine performed difficult under inspections and programs for the United States Department of the Interior and the State of Arizona involving the locating and inspecting of the Navajo Generating (SRP) Station Lake Powell Intakes near Page Arizona. Valuable information was gained relating to operational problems at depth and the conditions presented by the invasive species now spreading throughout the country.

Several difficult vessel recoveries were performed at the request of the State of Utah agencies controlling the related accident locations.

Cross Marine continues to work closely with the State of Utah in establishing a museum in Japan featuring the unique dinosaurs of Utah.

Cross Marine was requested to aid the United States Corps of Engineers regarding underwater means and methods of various underwater projects along the East Coast. Also involving many projects and methods involving the control of invasive species.

2017-Cross Marine was called upon by the U.S. Department of the Interior to conduct difficult deep water search and recovery efforts involving a vessel accident and sinking at Lake Powell, Utah.

Cross Marine was asked to locate and remove large concrete structures from various lakes and harbors that had caused major damage and endangered boaters.

Cross Marine has recovered several vessels which had sunk in various lakes around the country.

Cross has been asked to contribute knowledge and design recommendation to several government agencies regarding flood control and damage mitigation on various dams throughout the Western United States resulting from the unusual and historic wet season. This also involves invasive species mitigation and control.

Cross Marine called upon for major consulting support relating to reconstruction of highways and structures near and around Lake Tahoe.

Cross Marine was called upon to complete a difficult deepening of a major marina on Utah Lake to include work involving a new intake structure. Cross completed this work on time and within budget.

Cross Marine has been contacted by the United State Geological Survey to provide logistical marine support for scientist coming from France to examine the vast colonies of stromatolites were located in the Great Salt Lake. Cross Marine has been a vital part of this scientific endeavor for many years. These were the life forms that existed billions of years ago and which have been credited with helping to create our atmosphere.

2018 – Cross Marine provided local search and recovery agencies with calculations and conclusions that led to the locating and recovery of an aircraft lost in the Great Salt Lake.

Cross Marine has located and recovered several vessels from various bodies of water in and around Utah.

Cross Marine has worked with various agencies in establishing a more focused emergency response program for Utah County and the State of Utah.

Many of the projects conducted over the years by James L. Cross Sr. and Cross Marine required the design and installation of permanent and temporary water control dams and systems.

James L. Cross Sr. with his history in establishing the Paramedic Program, Life Flight and other emergency operations has insured the incredible safety record held by this company. Mr. Cross also provided information and support to various government agencies which resulted in the safety procedures and manuals now being used. James L. Cross Sr. was recently awarded a membership into the Forensic Divers Association for his help and support in underwater recoveries. It has also received numerous awards in many areas which have greatly benefitted the world and those living here.

These are but a few of the many projects designed and overseen by James L. Cross Sr. The history of Cross Marine continues on a daily basis with new adventures and projects.