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Message from the President by Stanley M. White, P.E.

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2006 was a very exciting year for OCC. We were involved with a wide range of projects for different types of clients. OCC is currently working on FEMA projects as the coastal engineer subconsultant in Maine, Massachusetts and Connecticut. We are doing GIS mapping, port structure inspection and design, and dredging management for the City of New York. We are the engineer of record and resident engineer on a 1,000-foot wharf that is also a confined disposal facility in Boston. OCC has designed a replacement wharf at a container terminal in Delaware. In December, we had engineering teams in Key West, FL and West Virginia on the Ohio River. Our great team of engineers and office support are carrying this momentum into 2007 and we look forward to helping you with your projects.

Behind the Scenes: A Boatload of Talent

by Dan T. Kinard, P.E. dkinard@ocean-coastal.com

OCC has a lot of talent that works behind the scenes to make our motto of "Getting the Job Done" a reality, over and over. OCC depends on its administrative, information technology, and computer-aided design and drafting personnel to not only keep the work flowing but also to infuse that work with concepts and original ideas that result in a top quality final product.

Our three administrative assistants and two bookkeepers have their respective duties but share the work and pitch in to help each other and the engineering staff whenever necessary. As in most successful small businesses, the job descriptions of our administrative staff can be summed up with the phrase "We do whatever is required!" OCC Trumbull has Dottie Wing, Receptionist, our Bookkeeper Debra Oswiecimski and her assistant Samantha Sepkaski. Administrative help in our Plymouth office is provided by Christina Gill and in Gibbsboro by Alyson Witkowski-Gerner. (Continued on Page 3)



Rey, Debbie, Carrie, Hajim, Samantha, Junior, Dottie and Siegfried - CT



Alyson - NJ



Christina - MA

Mike Ludwig Joins OCC by Dan T. Kinard, P.E. dkinard@ocean-coastal.com

The former Regional Regulatory Affairs Coordinator for the National Oceanic and Atmospheric Administration's (NOAA) National Marine Fisheries Service (NMFS) has joined the OCC Team as Manager of Regulatory Services and Senior Biologist. As the Field Coordinator for Regulatory Affairs in Connecticut, New York and Rhode Island he has also served on assignments throughout the United States and Canada. Mr. Ludwig has had key roles in the development and refinement of most of the current rules and regulations that govern development in the waters of the United States. OCC's clients will have access to Mr. Ludwig's depth of experience and familiarity with all aspects of the permitting process. His knowledge of the underlying science that forms the basis of the regulations and his first hand experience with the administrative process gives OCC's clients access to cost-effective and value-added consulting services. Stanley White believes that "Mike's understanding of coastal regulatory issues is unsurpassed and will make OCC's ability to provide quality regulatory support, second to none." mludwig@ocean-coastal.com



Employee Profiles



Jordon P. Cheifet, E.I.T., an Engineer-Diver in our Trumbull office, has a background in Ocean and Civil Engineering. Jordon received his Bachelor of Science degree in Civil Engineering from the Pennsylvania State University and his Master of Science in Ocean and Resource Engineering from the University of Hawaii. Jordon performed academic research in the area of concrete structures in marine environment and methods to predict their durability and service life.

He brings knowledge of the design and planning of coastal and flood control structures, underwater investigations, geographical information systems, and permitting for waterfront and land development projects. Jordon's expertise extends into other areas vital to the consulting engineering field including technical writing and network systems administration. Jordon received his certificate in Surface Air Supplied Work Diving Safety and Supervision from the Florida Keys Community College.

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Kevin M. McDermott, P.E. is a Project Manager and PE-Diver in our Gibbsboro office and has over ten years of experience in structural engineering and over two years experience performing above and underwater inspection of waterfront structures for consulting and construction companies. This wide range of experience has included the design and inspection of institutional and commercial building facilities, waterfront structures, railroad and pedestrian bridges, wastewater treatment facilities, support of excavation systems, temporary shoring and underpinning, and pile-supported and shallow spread foundation systems. Kevin earned a Bachelor of Engineering Degree in Structural Engineering from Stevens Institute of Technology and an ACDE/ADCI commercial diver certification from Divers Academy International. As a PE Diver, he has performed above and underwater inspections for the US Navy, US Coast Guard, Jacksonville Port Authority, Hudson River Park Trust, Diamond State Port Corporation, Aker Philadelphia Shipyard, NYCEDC and Con Edison. Kevin's specific areas of expertise include structural condition assessments, structural adaptive re-use, value engineering, facility and structural rehabilitation, steel frame lateral support systems, and non-destructive and destructive testing methods for concrete, steel and timber. Kevin is a member of the American Society of Civil Engineers, American Concrete Institute, American Institute of Steel Construction and the Association of Dive Contractors.



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Kevin Powers, P.E. is a Structural Engineer with over fourteen years of experience in the design and rehabilitation of transportation structures ranging in size, scope, and complexity. Kevin graduated from Clarkson University with a Bachelor of Science in Civil Engineering and a Master of Science in Civil Engineering. He is also a licensed Professional Engineer in the States of California and New York. Along with his extensive design background, Kevin has taught Reinforced Concrete Design and Structural Analysis at the university level, and has experience in the development and support of structural engineering software. Since joining OCC, Kevin has been involved in the design and

contract plan preparation of a new 350-foot wharf structure, various types of mooring structures and bulkhead and pier design in Boston, along with residential and public timber piers. Kevin continues to diversify his structural engineering background with the wide variety of projects that OCC undertakes. Kevin is also involved in community outreach programs such as National Engineer's Week, Future City Competition, which teaches 7th and 8th grade students about the engineering profession.

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Adel M. Kamel, E.I.T. is a Coastal/Structural Engineer in our Trumbull office. He received his Bachelor of Science in Civil Engineering from Zakazik University in Cairo, Egypt, and a post graduate certificate in environmental engineering from Ain Shams University, Egypt. Adel obtained his waterfront experience while working in Egypt on projects around the Red Sea & Mediterranean coasts. He designed rubble mound breakwaters, piers, jetties, beaches and marinas for many tourist resorts and hotels. As part of those design efforts, he performed wave forecasting and modeling studies. Adel also worked on diverse engineering projects in western and northern British Columbia, Canada. Adel's experience includes computer modeling



and programming and he has a strong knowledge of many software programs. Since joining OCC, he has been involved with wave analysis and modeling utilizing STWAVE, CGWAVE and ACES software, mooring analyses and design of bulkheads, revetments, and piers for projects in New England and New York. He has also performed static and hydrodynamic analyses of barges to verify stability.

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Employee Announcements

OCC is pleased to announce the addition of the following employees: **Kurt J. Troy**, Engineer, **Eileen M. Czarnecki**, E.I.T., Engineer, and **Ryan J. Prime**, Engineer to our Connecticut office; **Scott Skuncik**, Engineer, **Sarah L. D'Agostino**, Coastal Geologist and **Rebecca M. Roy**, E.I.T., Engineer, to our Massachusetts office; **Kelly Rankin-Legault**, PhD, Coastal Scientist, **Brian Lees**, Engineer, and **Alyson Witkowski Gerner**, Administrative Assistant, to our New Jersey office.



Behind the Scenes (cont'd) by Dan T. Kinard, P.E. dkinard@ocean-coastal.com

Our information technology support is provided by Ulysses A. Solis Jr., better known as Junior. He keeps all of our servers, backups and individual laptops and desktops up and running, a full time job in this digital age.

Last but not least is our CADD Department which does a great job of taking the Engineer's concepts and designs and turning them into plans used for permit applications, bidding, and construction. Ramesh (Rey) Buzeta, Senior Designer, is the traffic cop for all of the company's drafting and enforces quality control, CADD standards, and the creation of straightforward, easily interpreted drawings. Rey's able staff, located in Trumbull, consists of Carrie Mayer, Siegfried Gapusan, and Hajim Ramirez. OCC's centralized CADD Department assures that schedules are met with consistency in format, standards, and design philosophy.

Rey joined OCC in 1986 as an experienced drafter of marine structures and marine construction projects and, except for two years in the early 90's, has made OCC his professional home. One of the biggest challenges is keeping current with the multitude of CADD standards that have to be followed due to OCC's diverse client base. The Corps of Engineers, Navy, Coast Guard, state permitting agencies, utility companies, and other engineering companies have different standards and requirements. With the merging of CADD and GIS in mapping and displaying information, Rey feels "Our challenge for the future is keeping on the cutting edge of technology". Rey says the most satisfying part of his job is mentoring his staff and helping them develop, just as his teachers and mentors helped him along the way. We would say that is a good attitude to have.

We salute all of OCC's hard working staff who may not be on the front lines but provide the hard work to "Get the Job Done."

In-House KMDSI Helmet Training

Captain David Slade and Captain Michael Ajemian recently completed the Kirby Morgan Dive Systems Inc. (KMDSI) Technician Training at Dive Lab in Panama City, Florida. The training allowed Mike to become a newly certified technician as well as to re-certify David as a technician. There are only approximately 500 Certified KMDSI Helmet Technicians in the world. The training is intended to instruct technicians and users of KMDSI helmets and air control systems how to perform routine and corrective maintenance procedures and equipment overhauls. In addition, David and Mike are now certified to provide KMDSI Helmet Operator/User Training to OCC's divers.



On Friday, January 19, 2007, David and Mike gave nine (9) OCC Diver-Engineers and Dive Supervisors instruction in the proper pre- and post-dive helmet inspections. These state-of-the-art dive helmets are our lifeline while underwater. Therefore, each helmet must be inspected prior to use while conducting underwater engineering investigations. The KMDSI Operator/User courses are intended to teach standardized inspection, set-up and adjustment procedures as recommended by KMDSI. The students are familiarized with monthly and daily inspection/maintenance, daily pre-dive and post-dive procedures as well as supervisor pre-dive checks and in-water checks.

The class culminated in a final exam where one of the Kirby Morgan Superlite 17 helmets was passed around the class and each student, in turn, was instructed to find a "pre-engineered" safety discrepancy. All sixteen (16) discrepancies were found with little difficulty. The following OCC divers were certified in the KMDSI Helmet Operator/User Course: David R. Robinson, P.E., Stephen A. Famularo, P.E., Joseph F. Marrone, P.E., John Bazzoni, Scott Anastasio, P.E., Bryan N. Jones, P.E., Jordan Cheifet, Dan Kennedy and John Meade.

Eye On Safety by John V. Bazzoni, Jr. jbazzoni@ocean-coastal.com

The focus of Eye on Safety in past newsletters has been on field operations. Maintaining safe operations requires a company-wide commitment to safety. At OCC, a safe workplace is our highest priority whether in the field or in the office. In-house classes in Cardiopulmonary Resuscitation (CPR), Automated Electronic Defibrillator (AED), First Aid, and Preventing Disease Transmission (PDT) are held periodically and, although not a requirement, enrollment is open to any interested office staff. OCC has a certified American Red Cross instructor on staff who trains OCC staff in CPR, AED, First Aid and PDT. Additionally, our Office Manager also maintains current certification in CPR and First Aid.

Safety is a priority for Ocean and Coastal Consultants, Inc. If a job can't be done safely, it won't be done at all.





Awarded Contracts

Federal Emergency Management Agency (FEMA) Region I - Flood Hazard Mapping Activities

OCC, through CDM, has been awarded six task orders by FEMA Region I to perform scoping studies for flood hazard mapping activities for the coastal communities of New London County, CT and Dukes, Nantucket, and Norfolk Counties, MA and coastal hydrologic and hydraulic analyses for communities in Cumberland and York Counties, ME and Essex and Barnstable Counties, MA.

Accessibility Compliance of Waterborne Commuter Services, New York City

OCC and Vollmer Associates have been awarded a contract by the NYC Economic Development Corporation (EDC) to evaluate the accessibility compliance of waterborne commuter services to disabled persons. OCC is tasked with developing a uniform design standard for future ferry landing design as well as designing and overseeing the correction of existing deficiencies.

NJDOT I-Boat New Jersey Project

OCC has been awarded two new I-Boat NJ grants to develop beneficial uses of the dredged material (DM) contained in the state's many dredge material disposal sites. This includes a study to reduce terrapin mortality and enhance nesting habitat using DM. OCC is also working with the Hawk Island Marina on their I-Boat NJ redevelopment project.

Seminars/Conferences

Douglas Gaffney co-presented a "Coastal and Dredging Applications of Geotextile Tubes" course at the **Geosynthetics 2007 Environment Conference** in Washington, DC in January. Mr. Gaffney, along with Mr. J. Richard Weggel of Drexel University, taught a course aimed at individuals who have a basic understanding of coastal engineering, dredge technology or geosynthetic materials and want to become familiar with the use of geotextile tubes in these applications. Additionally, those involved in the management of dredging and sediments also learned how to incorporate tubes as a cost-effective dewatering tool. The course teaches relevant characteristics of geosynthetics and geotextile tubes, how they might be used to solve coastal problems, mitigation of Coastal Erosion, environmental considerations (coastal and dredging), construction issues and repair.

ASCE/COPRI Ports and Harbors Committee meeting was held September 28 & 29 and was attended by Stanley White, P.E. (Chairman), Bryan Jones, P.E. (Task Committee Chairman, Engineer-Diver Standards) and Steve Famularo, P.E. (Member, Timber Structures Task Committee). The two-day event included a day of Task Committee meetings and a day when the full committee met. The Ports and Harbors Committee is an internationally recognized group of port designers and operators. OCC was well represented at the Ports 2007 Conference held on March 25 - 28, 2007 in San Diego, CA. See our next newsletter for a full report.

Stephen A. Famularo, P.E. and Joseph F. Marrone, P.E. made presentations at the 9th Annual Geotechnical Seminar hosted by the **Deep Foundations Institute (DFI)** and the Geotechnical Technical Group of the Connecticut Society of Civil Engineers (CSCE). This year's program was focused on mechanisms that cause corrosion and deterioration of foundation elements, investigation, and design to suppress or resist corrosion and deterioration. Mr. Famularo spoke on the "Evaluation and Rehabilitation of Structures in Marine Environments," while Mr. Marrone spoke on "Durable Designs for Marine Foundations." Dan T. Kinard, P.E., founder and past Chairman of the CSCE Geotechnical Group, has been involved with this yearly seminar as a speaker, organizer, and facilitator for the past eight years. OCC supports our staff in Professional Development activities and is committed to advancing the Engineering Profession through active participation.

The **U.S. Coast Guard Academy** in Groton, Connecticut invited Stanley M. White, P.E. and Stephen A. Famularo, P.E. to be guest lecturers for their Civil Engineering Department's Construction Project Management class. Mr. White conducted two separate lectures, the first regarding Project Scheduling and the second on Construction Cost Estimating. Mr. Famularo's lecture was on the subject of Underwater Investigation.

Employee Recognition

In September 2006, **Kurt Troy and John Meade**, OCC engineers, completed 75 hours of intensive training in surface air supplied diving operations. The course was taught by staff of Florida Keys Community College in Key West, Florida. FKCC trains the United States Army Corps of Engineers Divers, NOAA divers, and various state DOT underwater bridge inspectors. The course consisted of both classroom and field instruction in which OCC staff completed dives in a pool, FKCC's training lagoon, and an actual underwater inspection of a steel sheet pile bulkhead off-site.

John Meade joined OCC as a full-time employee having finished his civil engineering coursework at the University of New Haven.



If you would like to receive this newsletter electronically, please send email to dkinard@ocean-coastal.com.

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- OCC Goes to Ireland

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Message from the President by Stanley M. White, P.E.

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On April 30, 2007, Ocean and Coastal Consultants, an engineering leader in Waterfront Engineering and Coastal Engineering and Permitting, became a member of COWI North America, Inc., which is part of COWI A/S of Denmark. In a proactive and well-designed move designed to prepare the firm for ownership transition, and to provide capital backing for OCC's unprecedented growth, OCC joined the COWI family of companies. This is a positive step in the evolution of a quality firm.

This move will be especially good for our talented and motivated staff, giving them opportunities to exchange ideas and assist on a global basis. (Continued on page 3)

OCC Builds Custom Dive Boat-Bigger & Better

by Michael Ajemian, P.E. majemian@ocean-coastal.com

On Monday, August 6, 2007, Dive Supervisor/Engineer, Mike Ajemian, and Dive Supervisor/Project Manager, Steve Famularo, excitedly pulled into the OCC parking lot towing behind them OCC's newest investment; research vessel, *Barbara White*. Mike and Steve along with five (5) of OCC's lead Dive Team and Safety Committee members formulated a detailed criteria for a custom dive boat. Over the course of 3 months, during the winter of 2006/2007, their hard work and determination paid off. The specifications for the proposed dive boat were completed and submitted to boat builders all over North America from Louisiana to British Columbia. In the end, Scully's Aluminum Boats and Fabrication of Morgan City, LA was the winning bidder. Scully's imagination, flexibility and knack for working hand-in-hand with their clients, allowed OCC to have the boat finely tuned to accommodate all of the custom specifications proposed. (Continued on page 3)



OCC Goes to Ireland by Scott Skuncik

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Scott Skuncik, Engineer out of our MA office, has been working in Ballygannon, Ireland since June 2007. The National Irish Rail Company is currently implementing a long term plan to protect the rail network along the east coast of Ireland. Scott is overseeing construction of 1,300 meters of stone revetment between the towns of Greystones and Kilcoole. At this location, the track is located along a low lying, sandy beach approximately 50 meters from the Irish Sea. Due to this exposed position, the rails along this stretch of coastline have already been moved once and were, up until this project, protected by derelict railway sleepers and cast in place massed concrete. The new revetment will replace the existing structures with rock armour of up to ten metric tons in weight extending to almost nine (9) meters below the elevation of the railway. Behind this revetment, a five (5) meter access road and clay berm will run the entire length. This phase of the project has an expected completion date of November 2007.



Employee Profiles



John Meade, is an Engineer-Diver in our Trumbull office and has a background in Civil Engineering. He has completed one year of experience performing above and underwater inspections of waterfront structures. John received his Bachelor of Science degree in Civil Engineering from the University of New Haven and received his certificate in Surface Air Supplied Work Diving Safety and Supervision from Florida Keys Community College.

John started with OCC in 2005 as an intern and joined us full time as an Engineer-Diver in September 2006. His work experience includes analysis of timber and steel structures, use of the modeling program STAAD, surveying, underwater investigation, cost estimating, technical writing, and local, State and Federal permitting for waterfront projects. As an Engineer-Diver, he has performed above and underwater inspections for US Coast Guard, NYCEDC, NYCCDCAS and New York Parks.

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Eileen M. Czarnecki, E.I.T., an Engineer in our Trumbull office, has a background in Civil and Coastal Engineering. Eileen graduated from the University of Florida with a Bachelor of Science Degree in Civil Engineering and a Master Of Science Degree in Coastal and Oceanographic Engineering. While at the University of Florida, she conducted academic research in concrete materials testing as well as in numerical wave modeling. Since joining OCC, Eileen has been involved in planning, design and permitting of residential, municipal and industrial waterfront structures. She has conducted numerous surveys contributing to the development of base plans for various projects. Eileen has utilized computer models for the prediction of waves and has calculated wave forces for the design of piers and residential foundations. She has also conducted mooring analyses for the design of mooring structures. She has designed piers, docks, revetments, bulkheads and retaining walls. In addition, Eileen has been involved in the planning and design of industrial and municipal dredging projects. She has worked with various regulatory agencies, including the ACE, the US Coast Guard, NJ DEP, and the Connecticut DEP, in order to obtain authorization for a variety of OCC projects. Eileen is a member of the American Society of Civil Engineers, Coasts, Oceans, Ports and Rivers Institute, and serves as Treasurer of the Fairfield County Branch of the CT Society of Civil Engineers.



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Rebecca Roy, E.I.T., is an Engineer-Diver in our Plymouth office. Rebecca graduated from Rutgers University in 2005 with a degree in civil/environmental engineering as well as a certificate in criminology. She has a background in various facets of environmental work including soil, groundwater and wastewater sampling and preparation of environmental reports. Additionally, Rebecca worked as an engineer for a sports field design firm spending a majority of her time drafting and performing stormwater design calculations. Rebecca comes to OCC with a passion for diving, having recently completing both her Surface Air Supplied Work Diving Safety and Supervision course from the Florida

Keys Community College and her PADI Divemaster Certification. She has recently been accepted into the Norwich University online Structural Engineering graduate program and plans on beginning the 18-month curriculum in March 2008. Since arriving at OCC, Rebecca has been primarily involved with resident engineering services for the Green Hill Seawall Rehabilitation project in Hull, MA and project coordination for the New Bedford Fishing Fleet Berthing Plan for New Bedford, MA.

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Ray Mateer, P.E. is a Project Manager in our Gibbsboro office. He has over 25 years of experience in civil/structural engineering and over 15 years experience performing above and underwater inspection of bridges and waterfront structures for clients including the U.S. Navy (NAVFAC), U.S. ACE, PA D.O.T, NJ D.O.T., NY State D.O.T., Norfolk Southern Railroad (following Hurricane Katrina), and various other state and county agencies. This wide range of experience has included the inspection and rehabilitation design of bridge piers, piles, fender systems, bulkheads, docks and other waterfront structures, as well as hydrographic surveying and submarine cable projects. Ray's specific areas of expertise include underwater



structural inspection, structural condition assessments, development of facility and structure rehabilitation plans and specifications, and non-destructive and destructive testing methods for concrete, steel and timber. Ray has ADCI commercial certification as a dive supervisor, surface supplied diver and has performed as a PE-Diver. Ray is also an NHI-Certified Bridge Safety inspector and U.S. Coast Guard Licensed 100 ton Merchant Marine Officer (Captain) rmateer@ocean-coastal.com

Employee Announcements

OCC is pleased to announce the addition of the following employees: **Paul Roberts**, Engineer, **Stephen Padhi**, Project Engineer, **W. Stuart Lewis**, Project Engineer and **Christy Beardsley**, Administrative Assistant to our Connecticut office; **Ray Mateer**, Project Engineer and **Brent Cooper**, Engineer to our New Jersey office and **Tom Bonaparte**, Designer/Drafter to our Massachusetts office.



Message from the President (cont'd) by Stanley M. White, P.E. swhite@ocean-coastal.com

from the extensive problem solving expertise of COWI including offshore wind farms and coastal engineering. OCC will work closely with the COWI Bridge, Tunnel and Marine group that includes Ben C. Gerwick, Inc. (San Francisco, CA) which specializes in marine deep foundations and concrete structures. COWI's international marine structures and coastal engineering services will further strengthen OCC's expertise.

I am really excited about the opportunities for OCC and therefore, for our customers. I recently attended the Annual Meeting of BCG (Ben C. Gerwick) and was appointed a member of their Board of Directors. Although BCG works in the port/waterfront environment, their focus and expertise is not the same as OCC. BCG derives a majority of their project work from the Corps of Engineers and marine contractors (design/build and value engineering). OCC, on the other hand, has no current Corps of Engineers contract and does not participate in Design/Build projects. This is a great fit where OCC and BCG can build on each other's strengths.

I also attended the second COWI Corporate Management Conference which brought together the leaders of COWI, COWI Affiliates and COWI Branch Offices from around the world. The conference was focused on the 2010 Vision for COWI and how OCC can assist them in meeting their goals. It should be noted that Scott Skuncik has been a great representative of OCC, working for COWI in Ireland overseeing construction of 1,300 meters of stone revetment along a low lying sandy beach. (See page 1 for more).

OCC is having a great year. The transition with COWI has gone extremely well and I look forward to being able to offer our customers an even more complete list of services now and for years to come.

Custom Dive Boat (cont'd)

The idea for the new dive boat was proposed after numerous protests were received from OCC's dive team members that the current dive boat, research vessel, *Dorothy White*, was in need of extensive repair and rehabilitation. After five (5) years of solid, reliable service, the 26' Steiger Craft, *Dorothy White*, had sadly reached the end of her service life as a dive-support vessel.

The research vessel, *Barbara White*, is 32 feet overall and powered by twin 150-horse power Yamaha four-stroke outboard engines. She cruises at 30 mph with a maximum speed of over 35 mph! The added speed allows our dive crew to get to the project site more efficiently, therefore, maximizing dive time on those short days during the winter months. The fully-enclosed wheel house was customized to accommodate the entire team to assure that no one would be left freezing in the cockpit during the brutally cold winter morning steams down the rivers of New York City. A full dive station, including all commercial, surface supplied air equipment, has been plumbed into the boat, therefore, requiring minimal set-up and eliminating the need to transfer equipment from the OCC's equipment storage facility or vehicles to the boat.



Each of the dive team members can't wait to try out the new boat. Mike and Steve are sure that no one will be disappointed. The true test will be during that first week of freezing temperatures and bitter winds while the crew is steaming down the East River of New York City. We're sure everyone will get to the site warm and cozy. But, what about when they have to get into the 30 degree water? We'll have to work on that next.

Eye On Safety by John V. Bazzoni, Jr. joba@ocean-coastal.com

National Highway Traffic Safety Administration statistics indicate that 25% of all traffic accidents involve some sort of driver distraction. Many states, including Connecticut and New York, have enacted laws restricting the use of hand-held cell phones while driving. While hands-free devices can help keep your hands available for driving, it's doubtful that they really do much to keep your mind focused on driving. For those of us with BlackBerries, reading and replying to e-mails while driving is also risky business. If the e-mail can't wait until you reach your destination, you should pull over to the side of the road into a safe area before reading and responding to the e-mail.

Driving safely should always be your first priority. Multi tasking is great, but it is best not practiced while driving. Stay focused and please drive carefully!!

Safety is a priority for Ocean and Coastal Consultants. If a job can't be done safely, it won't be done at all.





Awarded Contracts

Green Hill Seawall Repairs and Coastal Bank Stabilization – Hull, MA -

OCC recently completed design, permitting and construction engineering services for an \$800,000 construction project to repair 900 LF of eroding coastal bank and replace a damaged concrete seawall with a stone revetment for the Town of Hull, MA.

Exxon Mobil Tanker Berth Repairs – East Providence, RI

OCC has been retained by ExxonMobil to perform underwater investigations and design of repairs for a 600 LF steel bulkhead and manifold platform at its waterfront terminal in East Providence, RI.

Fore River Station Wharf Demolition and Shoreline Stabilization – Weymouth, MA

Fore River Development, LLC has recently hired OCC to assist with design, permitting and resident engineering services to remove an abandoned wharf and stabilize approximately 600 LF of shoreline landward of the wharf with a new steel bulkhead.

Bayside Exposition Center LOMR – Boston, MA

OCC is providing coastal engineering services to develop a FEMA application for a Letter of Map Revision (LOMR) for the development of the new Bayside Exposition Center in Boston, MA.

New Bedford Harbor Study – New Bedford, MA – Berthing Plan

OCC has been awarded a contract from The New Bedford Harbor Development Commission (HDC) to study options that would relieve congestion at the docks and accommodate the needs of the commercial fishing fleet. OCC will also evaluate the options for mooring fields, floating systems and pier expansion.

Ambrose Light – Bayonne, NJ – OCC was awarded a contract by the US Coast Guard Civil Engineering Unit Providence, RI to perform an above-water and underwater inspection of the USCG Ambrose Light Tower located approximately 8.5 nautical miles southeast of the entrance to Lower NY Bay.

Lanai Barge Wharf Investigation – OCC was awarded a contract by Tetra Tech EC to perform a structural inspection/engineering analysis of the Kaunalapau Harbor Barge Wharf located on the western coast of the island of Lanai, Hawaii.

Cruise Terminal Dredging

Seminars/Conferences

ILTA – As a supplier member, OCC exhibited at the Independent Liquid Terminal Association's Annual International Operating Conference and Trade Show held in Houston, TX in June 2007. As one of the largest and most widely recognized conference and trade shows for the liquid terminal industry, ILTA's annual program offers an opportunity for OCC to market its core services directly to the end users of an important market sector – liquid terminals. The 3-day event includes one of the largest exhibitor shows; this year having nearly 2,700 attendees with more than 220 companies exhibiting. This trade show gives OCC an opportunity to understand some of the key issues that face the industry and to interface with existing and potential client members.

On September 6, 2007, Stan White, the Chairman of the Ports and Harbors Committee, attended the **Annual ASCE/COPRI Fall Council of Committee Chairs** meeting at ASCE headquarters in Reston, VA. The meeting brought together the COPRI Technical Committee Chairs to discuss many issues including conference, Task Committee work and membership. The intent of the meeting is to allow the Committee Chairs to develop a knowledge base whereby all of the Committees can successfully attract active members.

Semi-Annual Meeting of the COPRI Ports and Harbors Committee was held in Norfolk, VA on October 4 and 5, 2007. On Thursday, Task Committees gathered to continue work on their deliverables (i.e. manuals, standards, etc). As a matter of fact, OCC's Bryan Jones, P.E. is the chairperson of an ASCE/COPRI Standards Committee developing a **Diver Training Standard for Underwater Investigations**. The purpose of this standard will be to promote minimum commercial diver training requirements for individuals performing diving investigations as defined in the ASCE *Underwater Investigations: Standard Practice Manual*. The Committee is currently finalizing a draft of the standard which will be ready for public review and comment by the spring of 2008. Friday was dedicated to the complete Committee meeting. It was decided during this meeting that the Ports 2010 Conference will be held in Jacksonville, FL in May. Mr. Stan White was elected to be the Ports and Harbors representative on the COPRI Governing Board for FY2009.

Employee Recognition

In September 2007, **Steve Padhi, W. Stuart Lewis, and Rebecca Roy**, OCC engineers, completed 75 hours of intensive training in surface air supplied diving operations. The course was taught by staff of Florida Keys Community College in Key West, Florida. FKCC trains the United States Army Corps of Engineers Divers, NOAA divers, and various state DOT underwater bridge inspectors. The course consisted of both classroom and field instruction in which OCC staff completed dives in a pool, FKCC's training lagoon, and an actual underwater inspection of a steel sheet pile bulkhead off-site.

John Meade, Engineer/Diver, from our Trumbull office, has just completed his Hazwoper 40 training. This training involves hazardous waste operations and emergency response regulations



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