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The Beacon



Published Quarterly for the Employees of Marinette Marine Corporation

Spring 2012



NOAA Research Vessel to Launch in June

In early February, *Reuben Lasker*, the National Oceanographic and Atmospheric Administration's fifth research vessel, was 60 percent complete, according to MMC Program Manager Scott Grenlund. Assembly of the ship's major hull blocks was expected to be finished in February, completing the basic structure.

In April 2010, NOAA awarded the \$73.6 million contract to MMC to build the new fisheries survey vessel, dubbed FSV-6. (FSV-5 was skipped, as it will have a different hull form.) Keel-laying took place in June. The *Reuben Lasker* is scheduled for delivery in 2013, and will be based in San Diego, California.

The *Lasker* is named after the late Dr. Reuben Lasker, a pioneering fisheries biologist who served as director of the NOAA Southwest Fisheries Science Center's coastal fisheries division, and as an adjunct professor at the Scripps Institution of Oceanography, University of California-San Diego. There, Dr. Lasker directed a renowned group that focused on the survival and transition

of young fish to adulthood, a topic with implications for fisheries management throughout the world.

The 208-foot, 2,500-ton ship will be equipped with a full suite of modern instrumentation for fisheries and oceanographic research, including advanced navigation systems, acoustic sensors, scientific sampling gear and extensive laboratories.

The high-tech ship will also produce much less noise than other survey vessels, allowing scientists to study fish populations and collect oceanographic data with fewer effects on fish and marine mammal behavior. The ship's capabilities will allow simultaneous collection of data on ecological factors affecting the status of fish and protected species and provide a context for predicting the likely effects of climate change on living marine resources.

Funding for the FSV-6 is provided under the American Recovery and Reinvestment Act.

From the Bridge

Dear Fellow Employees:

This issue of *The Beacon* is the first in a series of Marinette Marine newsletters to be published quarterly. Our purposes for the newsletter are many: to improve communication and to review significant developments throughout the shipyard; to reinforce MMC's commitment to worker safety, well-being and growth; to highlight important employee benefit information; to inform about the rich history of Marinette Marine and to review developments in the other Fincantieri Marine Group companies; and finally, to instill pride and a sense of common purpose as we continue to produce the world's most technologically advanced ships and serve as one of America's premier shipyards.

This is your newsletter, and we want your input. MMC's newsletter coordinator is Bethany Skorik (bethany.skorik@us.fincantieri.com). Please email her your ideas for stories or ask questions that we can address in future issues. Please include the word "Beacon" in the subject line.

I want to personally thank each and every one of you for your tremendous efforts, and I could not be more optimistic as we move into the future as a team. I plan to spend plenty of time in the shipyard and the various work areas, so if you have any questions, please feel free to reach out and ask me directly.

Sincerely,
Chuck H. Goddard
President, CEO and GM

News from MMC Affiliates



Bay Shipbuilding Company

Dock space is very tight at Bay Shipbuilding in Sturgeon Bay, as numerous ships are in line for winter repairs. The repairs range from boiler, to electrical, to complete re-powers — and everything in between.

Construction continues for two Platform Supply Vessels for Tidewater Marine. The deepwater PSVs are state-of-the-art, diesel-electric, Z-drive propulsion vessels with redundant dynamic positioning (DPS-2), Polar Class 7 (Ice Class PC 7), Firefighting Vessel Class 2, and ENVIRO ABS notations. These

ships will service production platforms in the Gulf of Mexico and around the world.

"I am very pleased that we are building the first Polar Class 7 Platform Supply Vessels for Tidewater under the newly developed American Bureau of Shipping Rules," said Gene Caldwell, Vice President and General Manager of BSC. "This contract has allowed us to transition from the OPA '90 tank barge market into the offshore Arctic and deepwater market sectors and beyond."

ACE Marine

Production Manager Tom Buske reports that in January ACE delivered its 81st Response Boat-Medium to the United States Coast Guard. An additional 40 vessels were awarded in February. The new boats are part of a multi-year contract for the construction and delivery of as many as 180 RB-Ms.

"We're ahead of schedule and within contracted costs, and the Coast Guard is very, very pleased," Buske said.

ACE remains on an amazing production schedule, completing one new boat every 11 work days.

Safety continues to be a priority for ACE, and the statistics confirm that fact. ACE recently completed more than 250,000 man hours over a 654-day period without a lost-time incident.

USS Freedom on Facebook

USS *Freedom*, the first ship in the revolutionary Littoral Combat Ship class, has its very own Facebook page full of photos and the latest information on the vessel's status. The ship, based in San Diego, California, is currently embarked on its maiden deployment to the Fourth Fleet area of operations, nearly two years ahead of schedule. The USS *Freedom* (LCS 1) Facebook Fan page, administered by Naval Surface Forces, is intended to provide news on the ship's progress, discuss its capabilities, and answer questions from the public. Recently uploaded photo galleries depict crew training and the welcoming of a Congressional delegation to the ship. Visit the *Freedom* at <http://www.facebook.com/USSFFreedom?sk=wall>.



Community-Employee Outreach Designed to Give Back

Two employee committees, each comprised of representatives from all areas of the workforce, are hard at work to ensure that Marinette Marine is both a good corporate citizen and also a great place to work.



The goals of the Community Outreach Committee are to increase Marinette Marine's footprint in community civic and charitable causes, to seek opportunities to support philanthropic events that improve our community, and to encourage MMC officers and employees to take leadership roles in these endeavors.

"It's rewarding to take our efforts in support of our community to the next level," said MMC Vice President of Human Resources Tim Duquaine. "We are actively seeking causes which deserve our attention and support. Employees may make a request for the Committee to review charitable participation in projects that are close to their hearts."

Request forms recommending an organization or group for consideration are available in the Tech Center lobby. They can also be accessed through the Community Outreach tab on the website.

The Employee Outreach Committee meets monthly and was formed to foster employee engagement, to improve communications, and to instill pride in an organization with a 70-year tradition of building quality ships. The committee is responsible for planning employee appreciation events, employee achievement awards, and other activities that recognize America's premier shipbuilding team.

Committee members are actively involved in community organizations such as the Chamber of Commerce and the M&M Community Foundation, and they seek to encourage volunteerism by members of the MMC team.

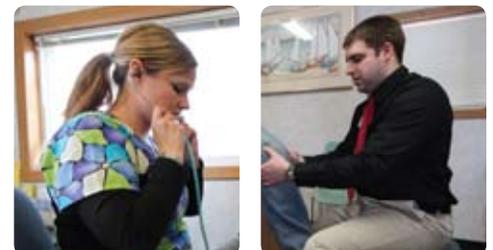
On-Site Health Center Benefits MMC Employees, Families

One of Marinette Marine's most valuable employee benefits is the Fincantieri Family Medical and Wellness Center, located on the MMC grounds. The clinic is open five days a week, from 11 a.m. to 7 p.m. on Monday, Tuesday and Thursday, and from 9 a.m. to 5 p.m. on Wednesday and Friday. The Center is staffed by a nurse practitioner, licensed practical nurses and physical therapy professionals.

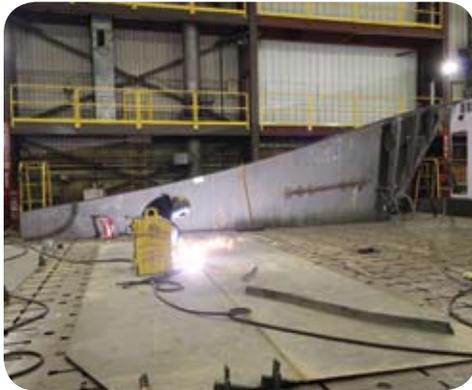
The Center staff can treat any medical issue for which one would normally go to a primary care physician and is free of charge to MMC employees and their families. Services include influenza and pneumonia shots, shots and vaccinations required for school children, sports physicals and a wide range of other treatments, including first aid.

"This is a wonderful benefit for MMC employees and their families, saving them hundreds if not thousands of dollars per year," said Center Manager and Nurse Practitioner Stacy Schmidt. "We provide many wellness and healthcare counseling services and encourage all MMC families to take advantage of them."

The Center can be a very busy place. While walk-in patients are accepted, appointments are preferred and can be arranged by calling 715.732.1648.



MMC Builds First Ice-Capable Research Vessel for Use in Arctic, Sub-Arctic



Rich in resources and geographically vast, the Alaska Region is considered “under-explored.” But a ship being built at Marinette Marine for the National Science Foundation will soon change that.

The new Alaska Region Research Vessel, the R/V *Sikuliaq*, (pronounced see-KOO-lee-auk, it is an Inupiaq word that means “young sea ice”) will be operated by the University of Alaska at Fairbanks (UAF), and will undertake missions as varied and impressive as the equipment it houses. It will be the first U.S. purpose-built, ice-capable research vessel for use in Arctic and Sub-Arctic waters. *Sikuliaq* is outfitted for a wide range of projects, including water chemistry and biology, ocean circulation, bottom mapping, marine geology, meteorology and atmospheric chemistry, and marine

bird and mammal studies. The vessel is expected to operate primarily in the North Pacific, Bering Sea and Western Arctic, but will be capable of transiting the Northwest Passage in summer for work in the Eastern Arctic and North Atlantic. *Sikuliaq* has global-ranging capabilities, and is rated Polar Class 5 for work in first-year ice with old ice inclusions.

As of early January the vessel was approximately 30 percent complete, with work moving at a brisk pace. *Sikuliaq* has a steel hull and partial steel superstructure, with the upper three superstructure decks made of aluminum. The ship is built using modular construction, a process that MMC has been using for many years with great success. In early January nearly all of the steel portions of the ship were in various stages of

construction, with work on the aluminum portions scheduled to start shortly thereafter.

The 261-foot-long vessel has a 52-foot beam and 5750 installed horsepower. With a 20-person crew, it can accommodate as many as 26 scientists.

Sikuliaq has the latest equipment-handling systems, including a “hands-off” system for over-the-side work. It consists of a sophisticated heave-compensating winch system and a special overboarding boom that extends through a side shell Baltic door. For work over the stern, a unique A-frame is being designed. It will be capable of lying nearly horizontal aft, and to within 5 feet of the deck forward for maintenance. It will also allow towing in ice. Both the overboarding boom and the A-frame will greatly enhance the safety of equipment and personnel, as well as increase operating efficiency.

Shipboard satellite communications systems will provide 24/7 Internet access, even in Polar Regions. The ship will be equipped with a network that reaches nearly every area of the vessel and will greatly enhance the efficiency and quality of the scientific research conducted onboard. *Sikuliaq* will have a suite of the most modern sonar available, including fisheries sonar, current profilers, mid-depth and deep water mapping sonar, and echosounders. *Sikuliaq* will have a drop keel (or centerboard) to place fisheries sonar below the keel for higher-quality data collection. There are provisions in transducer rooms and on the centerboard for installation of user-provided transducers.

Launch of the vessel is scheduled for October 2012. After launch, finishing of systems and system testing will be conducted while the ship is

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Birthday Bash Promises Fun for All

The June 16 launch of the *Reuben Lasker*, built for the National Oceanographic and Atmospheric Administration, will kick off Marinette Marine's 70th anniversary celebration.

The Family Day activities will be held on site immediately following the launch. Festivities will include clowns, face painting and children's activities. Of course there will be a birthday cake — one large enough to feed the more than 3,000 employees, family members and guests expected to attend. This portion of the event is being sponsored by the Outreach Committee. Employees interested in volunteering their time and talents should e-mail events@us.fincantieri.com for more information.

The advertisement features a large image of a white Freedom Class Littoral Combat Ship at sea, set against a sunset sky. A world map is overlaid on the background. The text "History does not long entrust the care of freedom to the weak or the timid." is prominently displayed in white, with "—Dwight D. Eisenhower" below it. At the bottom left, it says "Marinette Marine Corporation is the proud builder of the Freedom Class Littoral Combat Ship." Below that is the website "www.marinettemarine.com" and the phone number "715.735.9341". The MMC logo is in the bottom right, with "a FINCANTIERI company" written below it.

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of freedom to the weak or the timid.
—Dwight D. Eisenhower

Marinette Marine Corporation is the proud builder of the
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MMC
a FINCANTIERI company

This ad appears in the April edition of *Shipmate Magazine*, the official publication of the United States Naval Academy.

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waterborne, and the ship will then be dry-docked to complete installation of the sonar equipment. A special hull paint will be applied, and a series of Builders Sea Trials and Owners Sea Trials will then be performed. This testing will demonstrate that

all of the ship's operating systems and scientific equipment perform to specifications.

Sikuliaq will be readied for turnover to UAF in mid-summer 2013, and MMC will provide crew training on

all equipment and systems during this period. Upon departure of the vessel from MMC, the ship's crew will continue with crew training and operations to prepare for full operations in 2014.

Employee Spotlight



In January, MMC Change Control Manager Jason Lauzer took on a new challenge: He was appointed Chairman of the Twin County Airport Commission. Lauzer, who has been with MMC for six years, has a commercial pilot's license and previously was a flight instructor at the airport.

"I was very excited to be appointed,"

Lauzer said. "My appointment is a volunteer position and a great way to give back to the community. It has always been my desire to see our local airport grow, and this is an exciting opportunity to be part of a team that has the ability to facilitate that goal."

As Chairman, Lauzer serves as the airport's Chief Executive Officer and presides over all meetings. He is responsible for ensuring that the airport staff works in concert with the Commission to achieve common goals. He also serves as the airport's media contact and he networks with other airports to stay current with federal and state aviation laws.

"My positions at Marinette Marine have helped me prepare for this important role," Lauzer said. "Handling taxpayer money is an

important duty, and the skills I've learned at MMC in budget management have taught me how to spend wisely and create annual budgets that make sense. MMC has strived to become increasingly supportive in community outreach, and this is a model I hope to bring to the airport, as well."

Lauzer cites MMC's integrated product teams (IPTs) as a model for focusing on process improvement initiatives and ensuring that divisions stay in synch with one another. It's something he will use in his role at the airport.

"Through my participation in MMC IPTs, I see this as an important concept that could benefit the airport in connecting its users and the community," Lauzer said. "I look forward to laying the foundations of these concepts in the near future."

For a Springtime Chore, Keep Safety at the Fore

In the safety culture that we've established here at Marinette Marine, few of us would even consider entering our work areas without the proper personal protective equipment. But as spring is just around the corner, and as we begin to tackle yard work and home repair projects, please consider safety as a priority at home, as well.

Lawnmowers and weed eaters can throw debris, so safety eyewear is always a good idea. Chainsaws and hedge trimmers are potentially dangerous, and gloves, safety eyewear and hearing protection are weapons in your line of defense. Even simple jobs like hammering a nail or spray-painting a chair carry some risk of injury.

The key at home and at work is situational awareness. Have you assessed the dangers? Have you planned the activity to safely mitigate the dangers? Do you have the right equipment?

Just taking a little time to prepare before you begin that next honey-do project can help to ensure your safety and the safety of those around you.

