



DEPARTMENT OF HOMELAND SECURITY
UNITED STATES COAST GUARD

YARD

NEWS

BALTIMORE, MARYLAND

AN EQUAL OPPORTUNITY EMPLOYER

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Innovative Tank Temporary Access Covers Increase Yard Safety



During routine, emergency, and In-Service Vessel Sustainment projects at the CG Yard, one of the largest concerns regarding surface ships is tank condition. Due to their nature, orientation, and function, tanks are typically accessible only during depot level maintenance. Inaccessibility to the tanks make these work items susceptible to growth work, since the scope is often unspecified and can delay project completion beyond the projected End of Industrial date. Growth work can be a major contributor influencing delays to the Yard's compressed project completion date.

Upon a cutter's arrival at the Yard, one of the first tasks is to empty, open, and inspect all tanks. Once completed, a Marine Chemist performs a 5-gas analysis to determine whether or not the project can proceed unabated. If deemed "safe for hotwork" the tanks are required to be left open for the certification to remain valid. With this requirement comes legitimate safety concerns as tanks are typically situated in high traffic areas, and with limited accessibility pose very high fall hazard rates.

In the past, Yard Industrial has attempted to use grate style covers, tank lids with minimum bolts used to secure the cover and many other stop gap measures. Generally, these efforts pose the same risks as leaving the tank open and uncovered. Realizing a need for resolution, the CG Yard's Structural Group tackled the safety problem. Representatives attended the Work-Boat Show and discovered an aluminum hinged cover that not only prevented most debris from entering the tank but also ELIMINATED the fall hazard associated with tanks.

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The Commanding Officer's Column

Greetings members of the Yard family!

This is my final Yard News “CO’s Column” – and as such, a cause for reflection. It has truly been an honor to be a part of the Coast Guard Yard, first as Industrial Manager, and then as Commanding Officer.

From my perspective, there is no better place to serve in our Coast Guard. The Yard is a unique place, with incredible people and a proud history.

The accomplishments made by the Yard family over the last three years have been nothing short of incredible. The shipyard significantly improved its production output – to the highest levels in a quarter century, lowered its composite labor rate two years in a row, saving taxpayers millions of dollars, and provided some of the best schedule performance in recent history – delivering operational readiness better than ever.

The Yard was front and center to some of the best innovations of Coast Guard mission support, including the 87-foot Recurring Depot Availability Program, and the newly implemented Cost Plus Incentive Fee legislative authorities.

These accomplishments contributed directly to Coast Guard and partner agency operations around the globe – from Bahrain to Guam and everywhere in between.

As I depart the Yard, I reflect back on the fact that nearly every Coast Guard vessel built in the past 120 years has been serviced in some way by our Yard, and hundreds of thousands of Coast Guard men and women have benefited from the work performed here.

It is humbling to consider the hundreds of thousands of lives saved, trillions of dollars of economic activity protected, and the security of our nation safeguarded as a result of work done here by members of the Yard family.

Today, the Yard family is providing critical services to crews and operational units on this installation, and renovating and repairing vessels that will be used to save lives, safeguard our nation and protect our economic interests well into the future – just like our forbearers. Anyone who walks around the Yard can see clear evidence of this noble work.

In my mind, therefore, there is no greater honor and privilege than to be part of our Yard family and such an amazing legacy.

Captain Matt Lake

Commanding Officer, United States Coast Guard Yard



CAPT Matt Lake

Captain Skwarek Assumes Command at CG Yard

Captain Vincent Skwarek assumed command of the Coast Guard Yard on June 25, 2019. He is the 43rd Commanding Officer in the Yard's 120-year history. Captain Skwarek most recently served as the Yard's Industrial Manager overseeing shipyard operations.

Captain Skwarek graduated from the U.S. Coast Guard Academy in 1994, earning a Bachelor of Science with High Honors in Naval Architecture and Marine Engineering. He earned a Naval Architect Professional Degree and a Master of Science in Naval Architecture and Marine Engineering from the University of Michigan in 1999.

Following graduate school, he reported to the Office of Naval Engineering at Coast Guard Headquarters, serving on the Deepwater Surface Asset Integrated Product Team. Captain Skwarek served as the Engineer Officer aboard CGC *Spencer* in Boston, Massachusetts, and participated in Hurricane Katrina relief operations. His follow-on assignment at the Engineering Logistics Center was as the ATON Branch Chief. With the 2009 stand-up of the Surface Forces Logistics Center the position transformed into the Icebreaker, Buoy, and Construction Tender Product Line's ATON Asset Management Section Chief.

From 2010 until 2013, Captain Skwarek served as Commanding Officer of Naval Engineering Support Unit New Orleans, where he directed Naval Engineering mission support responses in the 26-state Mississippi Valley and Gulf Coast regions. He played leading roles in directing logistics response efforts for Hurricanes Issac and Sandy, along with providing evidence support for the largest oil spill in our nation's history, Deepwater Horizon.

Captain Skwarek reported to Coast Guard Headquarters, Office of Naval Engineering in 2013, as Chief of the Resources Management Division where he oversaw execution of a \$380 million annual maintenance budget and the development of policy.

In 2019, Captain Skwarek obtained a Master of Arts degree in Defense and Strategic Studies with Distinction from the U.S. Naval War College. His personal awards include four Meritorious Service Medals, two Coast Guard Commendation Medals, and numerous team and unit awards. He is a registered Project Management Professional and a Mid-Level Acquisition Program Manager.



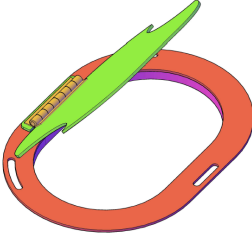
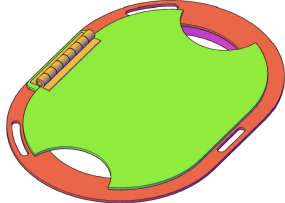
Yard authority is passed from the 42nd CO, Captain Matt Lake, to the Yard's 43rd CO, Captain Vincent Skwarek, as Mr. Albert Curry Jr., Deputy Assistant Commandant for Engineering and Logistics, looks on.

(continued from page 1)

Structural Group Supervisor James Blueford was able to reverse engineer this product, innovating a hatch cover prototype (see CAD drawing at right). The hatch covers are versatile in that they are lightweight, interchangeable between hulls, and allow access for lighting wiring below while closed.

Because the covers are fabricated in-house by the structural shop and are reusable, the Yard should realize a decrease in growth work and injuries, while saving the USCG project time and money.

MATERIAL LIST				GENERAL NOTES
PC#	QTY	UNIT	DESCRIPTION	
1	10	SQ FT	PLATE, 2" ALUM 5006	1. STANDARD SIZE MANHOLE OPENING OF 15" X 21". USED ONLY FOR REFERENCE.
2	6	FT	P.S. 1" X 2" ALUM 5006	
3	1	FT	PANO HINGE, 2" X 2" (MNC - 15R14B1)	
4	3	EA	BOLT, HEX HD, 3/11 UNC X 1" LG	

TANK LID COVER

SHEET: 1 OF 2

Yard employees earn U.S. Coast Guard Civilians of the Year 2019!



Brian P. Kindig, a WS-3801-11 Structural Supervisor at the Yard, is responsible for leading and managing a team of 20 welders and shipfitters. His overall duties include welding, conducting non-destructive testing, inspection of all structural components of ships, procuring material, preparation of condition found reports, budgeting resources, tracking labor hours, coordinating work with management and cutter crews, and overseeing quality of work performed. Mr. Kindig is commended for his exceptional technical knowledge, superlative leadership skills, and unwavering dedication to duty.



Roger T. Taylor, a GS-0301-14 Quality and Safety Manager at the Yard, is responsible for the Yard's training program, encompassing 700 personnel. He ensures safe operation of DHS's largest industrial complex and only shipyard. Mr. Taylor supervises 22 employees and manages the safety and quality assurance of \$103M/year for cutter renovations, cutter repair projects, electronics installation "road shows", and heavy weapons system overhauls across the entire Coast Guard Fleet. Mr. Taylor is commended for his outstanding leadership, professionalism, and dedication to duty.

Protecting Employees from Heat Stress

Coast Guard personnel often perform in extreme conditions, so training and conditioning are paramount. A safety culture where personnel recognize and acknowledge physical limitations and exercise in moderation reduces the risks of heat induced illness or injury.

Heat Illness

Exposure to heat can cause illness and death. The most serious heat illness is heat stroke. Other heat illnesses, such as heat exhaustion, heat cramps and heat rash, should also be avoided.

There are precautions that can be taken any time temperatures are high and the job involves physical work.

Risk Factors for Heat Illness

- High temperature and humidity, direct sun exposure, no breeze or wind
- Heavy physical labor
- No recent exposure to hot workplaces
- Low liquid intake
- Waterproof clothing

Symptoms of Heat Exhaustion

- Headache, dizziness, or fainting
- Weakness and wet skin
- Irritability or confusion
- Thirst, nausea, or vomiting

Symptoms of Heat Stroke

- May be confused, unable to think clearly, pass out, collapse, or have seizures (fits)
- May stop sweating

To Prevent Heat Illness

- Establish a complete heat illness prevention program
- Provide training about the hazards leading to heat stress and how to prevent them
- Provide a lot of cool water to workers close to the work area. At least one pint of water per hour is needed
- Modify work schedules and arrange frequent rest periods with water breaks in shaded or air-conditioned areas
- Gradually increase workloads and allow more frequent breaks for workers new to the heat or those that have been away from work to adapt to working in the heat (acclimatization)
- Designate a responsible person to monitor conditions and protect workers who are at risk of heat stress
- Consider protective clothing that provides cooling

How to Protect Yourself and Others

- Know signs/symptoms of heat illnesses; monitor yourself; use a buddy system
- Block out direct sun and other heat sources
- Drink plenty of fluids. Drink often and BEFORE you are thirsty. Drink water every 15 minutes
- Avoid beverages containing alcohol or caffeine
- Wear lightweight, light colored, loose-fitting clothes

What to Do When a Worker is Ill from the Heat

- Call a supervisor for help. If the supervisor is not available, call 911
- Have someone stay with the worker until help arrives
- Move the worker to a cooler/shaded area
- Remove outer clothing
- Fan and mist the worker with water; apply ice (ice bags or ice towels)
- Provide cool drinking water, if able to drink

IF THE WORKER IS NOT ALERT or seems confused, this may be a heat stroke. CALL 911 IMMEDIATELY and apply ice as soon as possible.

Respiratory Protection is IMPORTANT!

Wearing respiratory protection may seem inconvenient, but airborne particulates, vapors, and gases can cause both short-term and long-term health complications if appropriate use and maintenance of respirators is not exercised.

Employees should always wear respiratory protection where required at the CG Yard. Respirators protect employees from areas with harmful dusts, fogs, smokes, mists, gases, and vapors. These inhalation hazards may cause cancer, hinder lung capacity & function, other diseases, or death.

When used correctly, respirators are an important safety and health protection device. It is understandable that wearing a respirator for an extended period may become uncomfortable, so it is important to realize its importance for your protection.

Respirator Use and Safety Tips

- Recommend respiratory protection only after every effort to remove the hazard has been exhausted.
- Fully explain the need for the respirator to the employee.
- Train the employee on the proper usage and limitations of the respirator.
- Fit the employee with a respirator according to OSHA guidelines.
- Keep face shaved. Facial hair, headbands, bandanas or other objects that interfere with the face piece seal must be removed prior to donning the respirator.
- Provide for maintenance and cleanliness of the respirator.

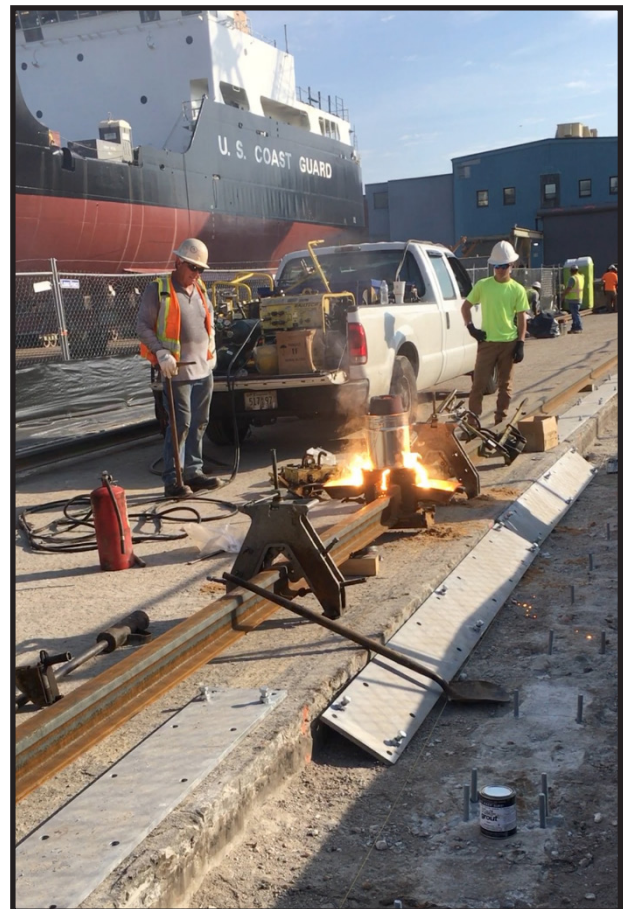


USCGC Mustang returns from sea trials following the ESDIS/SPS-50 radar upgrade installed by the Yard's Electro group. The radar upgrade replaces the Vega-Electronic Charting System, Shipboard Command & Control System, and AN/SPS-73 radar systems with Coast Guard Electronic Chart Display and Information Systems (ECDIS) and AN/SPS-50 radar. This allows the vessel to display selected information from a system electronic navigational chart with positional information from various navigation sensors that assist in route planning and monitoring. Mustang's crew will have multiple navigational sensors viewable on three screens around the vessel. The upgrade provides improved imaging of surrounding waterways as well. It was a two week install project completed by Yard employees and a C3CEN representative. Commissioned in September 1986, the 110' USCGC Mustang is currently the only Coast Guard vessel stationed in Seward, Alaska with primary missions of Search and Rescue, Living Marine Resources, Ports, Waterways, and Coastal Security, and Defense Readiness.

“We’re Working On It”



225' USCGC Elm departed the Yard on June 14 2019 for its homeport Astoria, OR. Over the last year, the Yard completed a scheduled ISVS MMA. Following dry-docking and blasting, the critical inspection revealed extensive structural repair growth. As a result of the project, scope grew and the End of Industrial date was shifted right to accommodate the work necessary to complete the additional 1.9 M of structural work.



Facilities has spent the last year focusing on repairing the Yard's aging utilities and waterfront infrastructure. Most recently facilities commenced repairs to the foundation of tower crane 4. This tower crane serves as the life blood of support for industrial activity on the shiplift. Over the past 80 years, the bedding and rails have deteriorated given the heavy industrial use. The \$2.9M project completely replaces the rails, their bedding, and hardware, with equipment that is specially designed for harbor cranes. Additionally, concrete will be pumped underneath the road and foundation to fill all voids and sturdy the crane foundation for decades to come. In the photo, 80-foot sections of new rail are thermite welded together to ensure durability and longevity of the new rail system.



A team of Yard personnel, C3CEN, cutter crew made a “roadtrip” to Portsmouth, VA this June. The team developed a SINSII prototype that was installed on USCGC Harriet Lane. This was the first step towards rolling out the auxiliary navigational system that will eventually be installed throughout the 270' WMEC.

MILESTONES

Promotions

Norman Barry	Structural Worker	WG-3801-8
Michael Battle	Sandblaster	WG-5423-7
Jermaine Bell Jr.	Structural Helper	WG-3801-5
Maxwell Breitmeyer	Electrical Helper Trainee	WG-2805-3
Tyler Buber	Structural Worker	WG-3801-8
Thomas Clyburn	Precision Measurement Equipment Calibrator	WG-3378-12
Trent Craig	Electrical Helper Trainee	WG-2805-3
Seth Crittenden	Pipefitter Worker	WG-4704-8
Tyler Cuffley	Sheetmetal/Joiner Worker	WG-4701-8
Christopher Darrow	Sheetmetal/Joiner Helper	WG-4701-3
Tim Fields	Asst. Quality, Safety, Training Mgr.	GS-301-13
Gerard Gardner	Painter Helper	WG-4102-5
Cody Gary	Sheetmetal/Joiner Helper	WG-4701-5
Travis Gettle	Painter	WG-4102-9
Jesse Haney	Electronic Indust. Control Mech. Leader	WL-2606-11
Eric Harvey	Engineering Tech (Electrical)	GS-802-10
Mark Holt	Structural Worker	WG-3801-8
Jonathan Horn	Ship Inspector	WG-3801-11
Jackee Hutton	Sandblaster	WG-5423-7
Chimezie Ihuoma	Ordnance Equipment Helper	WG-6641-5
Phillip Ingram	Marine Mach. Mech.	WG-5334-10
Kenneth Johnson	Sheetmetal/Joiner Leader	WL-4701-10
William Kahler	Marine Mach. Mech.	WG-5334-10
Ronald Kane	Sheetmetal/Joiner Helper	WG-4701-3
Joseph LaVonture	Marine Mach. Mech.	WG-5334-10
Denise McDonald	Financial Mgmt. Spec	GS-501-12
Patrick McKenna	Pipefitter	WG-4204-10
David Martin	Electrical Helper Trainee	WG-2805-3
Michael Mason	Asst. Sheetmetal Layout CNC Mech.	WG-3806-10
Ryan Northcraft	Electronic Indust. Control Mech. Leader	WL-2606-11
Travis Nunley	Sheetmetal/Jr. Helper	WG-4701-5
Christopher O'Connell	Marine Mach. Mech.	WG-5334-10
Vernon Olp	Sheetmetal/Joiner Helper	WG-4701-5
John Pickron	Heavy Mobile Equipment Mech. Supervisor	WS-5803-10
Edwin Rosado	Sheetmetal/Joiner Worker	WG-4701-8
Douglas Rutherford	Asst. Sheetmetal Layout CNC Mech.	WG-3806-10
Carl Schmidt	Pipefitter Worker	WG-4704-8
Eric Schneider	Marine Mach. Mech.	WG-5334-10
Danielle Tucker	Industrial Hygienist	GS-069-13
Heath Underwood	Sheetmetal Joiner Helper Trainee	WG-4701-3
Christian Wooden	Sup. Mgmt. Analyst	GS-343-13
Heather Zerbe	Admin Program Spec.	GS-301-12
Jacob Zerbe-Murray	Ordnance Equipment Helper	WG-6641-5

*Employee Photo of the Quarter- taken by Darryl Heinle (Electro Group)
USCGC Bear (WMEC-901) and USCGC Harriet Lane (WMEC-903)*



Yard Cornhole Tournament

Come play Cornhole at the Yard! Held at 4:00 p.m. on the 2nd and 4th Wednesday of each month at the Dry Dock Club. Open to all MWR eligible patrons. The cost is \$10 per player, with on-site registration. There are cash prizes for the winning team, with \$.50 wings, bar food, and a cash bar available. Please contact Mr. Gary Oakley for tournament rules or questions at 410-636-3659.



Dennis Curry (Pipe Shop) and Teddy Rosemond (Welding Shop), tournament winners in May.



Gary Oakley (Pipe Shop) and Joe Reinhart (Structural Shop), tournament winners in June.

Claude Lamb Receives '19 Putnam Inspirational Leadership Award

Yard Electronics Supervisor Claude Lamb recently received the Coast Guard's 2019 Putnam Inspirational Leadership Award from Mr. Albert Curry Jr., Deputy Assistant Commandant for Engineering and Logistics.

Mr. Lamb has been a federal employee for over 34 years and has worked at the CG Yard since 2006. He has played a critical role in the success of the 140-foot icebreaking tug boat SLEP at the Yard which contributed to the project being recognized as DHS's most successful Level III acquisition in 2018. Mr. Lamb demonstrates an uncommon attention to detail and careful stewardship of resources which was evident in his implementation of the Fourth Party Logistics (4PL) program at the Yard. 4PL enables the Yard to establish a GSA "store-front" on the base, where GSA drop-ships parts twice a day to shops in a "just in time" fashion, eliminating thousands of contracting and other overhead hours, and reducing inventory costs.

Mr. Lamb leads and motivates by example to ensure mission execution excellence. He has a leadership role engaging with New Era Academy and other partner schools in Baltimore and Anne Arundel County to recruit future civilian craftspeople. He recently received a personal, hand-written letter of thanks from United States Congressman Elijah Cummings, praising him for his leadership in these programs. Mr. Lamb is among the most respected leaders in our 700-person Yard workforce. He exemplifies the best characteristics of our Service's greatest leaders – humble, selfless, professional, innovative, and dedicated to Service. Every day, he inspires people all around him to do the absolute best they can to serve our Coast Guard and Nation.



2019 FUN RUN SERIES

Runs/walks will be held the second Wednesday of the applicable month at 1130 in front of the Columbus Recreation Center. Each race will consist of a two (2) mile walk for walkers and either a 5K or two (2) mile run. During random races the first 20 to register day of, will receive a free T-shirt. When participants complete all SIX races they win the gold prize package. When 4-5 races are completed participants will win the silver prize package. Runners must check in at the Registration Table at every race to receive credit for each race and become eligible for the prize packages.

8 May No Socks/Crazy Socks Jog	16 Aug Watermelon Trot
12 Jun Coastie Convoy	11 Sep Football Frenzy <small>(see your local base 401/402)</small>
10 Jul Work-a-holics 5K	9 Oct Demon Dash <small>(see MWR website for details)</small>

For further information or if you would like to volunteer at the events please email BMC Harnois at Jeffrey.m.harnois@uscg.mil or MWR Director, Brandie DeRenner at Brandie.Lderenner@uscg.mil.

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Josh Dombroskie, Graphic Designer (SFLC-ESD)

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