



DEPARTMENT OF HOMELAND SECURITY
UNITED STATES COAST GUARD

YARD

NEWS

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AN EQUAL OPPORTUNITY EMPLOYER

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Ordnance Techs Flex their International Guns

By LCDR David Gonzalez



The new look of the Ordnance Shop may appear more “haze gray” than ever before, but it is far from bleak! While the CG Yard continues to grow its capabilities to service the fleet of tomorrow, it is faced with managing the gap created by the sunset of legacy weapons systems until the full complement of modernized systems comes online. The CG Yard operates on a Working Capital Fund, so where does it turn for its weapons customer base? International Fleet Support may provide the ideal solution to diversifying the revenue stream.

The haze gray MK75 76mm gun mount pictured was removed by CG Yard ordnance technicians and riggers last year from a U.S. Naval engineering facility in New Jersey. The U.S. Navy recently transferred mount ownership to Taiwan, along with four other mounts, from decommissioned frigates. All five mounts will take a detour through Baltimore en route to Taiwan as part of a \$3M CG Yard Program Order that includes complete overhaul of two mounts. The effort will take approximately two years to complete. With current commitments to Saudi Arabia, the Philippines, and additional requests from Taiwan and Bahrain, the international demand on CG Yard ordnance services is high.

Bringing international weapons work to the CG Yard directly improves *depot maintenance affordability, cultivates strong U.S. strategic partnerships, and enhances National Fleet interoperability.*

Above: Riggers & Ord Techs remove a MK75 gun mount from its stand to prepare for inspection and testing before shipping to the Taiwanese Navy.

Improved Depot Maintenance Affordability. The CG Yard’s mission is “service to the fleet” through the delivery of

quality depot maintenance and repair services at an affordable cost. An effective way to reduce costs on repairable projects is to bring in steady, repeatable work which promotes production efficiencies and optimizes equipment and tool use; thereby increasing return on investment. Attaining a consistent throughput of guns in the Ordnance Shop requires supplementing Coast Guard overhauls; these fluctuate year to year with other government agency (OGA) work. This model results in greater affordability to the Coast Guard because OGA dollars help pay overhead expenses, which in turn increases the purchasing power of the Coast Guard dollar for that same work.

(cont’d on page 4)

The Commanding Officer's Column

Good day CG Yard Family,

Summer has flown by. The abundant rain this year has kept CG Yard green through the summer creating a wonderful backdrop for the 14 vessels in depot! It is amazing to walk the shipyard. We are seeing a level of waterfront activity not observed in many years. The challenge of so much work by itself is daunting, but the COVID-19 pandemic impacts on people and supply chain challenges coupled with starting the T. Roland Lewis Ship lift expansion project construction, make this a particularly demanding time. Thank you for staying the course.

It was a privilege to host our Commandant, ADM Karl Schultz who, on 2 September, toured the CG Yard, focusing on the **people** who work here. The Commandant met with CG Yard employees who have continued working throughout the COVID-19 pandemic. He wanted to hear your stories and experiences, and thank you for your dedicated work.

ADM Schultz spoke to our men and women about the great work they are doing, the broad impact on the Service's mission readiness, and his commitment to seeing every single person pursue and achieve personal growth and professional success. The Commandant recognized the **professionalism** of six of our employees with his coin for excellence: Mr. Kevin Center, Mr. Steven Funk, Mr. Ian Salata, HS3 Marcus McCoy, Mr. Dale Strucko, and Mr. Al Kuhn. It was hard to pick only these six folks out of the two dozen nominations submitted for recognition.



The recent refurbishment of the CG Yard Drydock Club provided an outstanding venue for the Commandant to take a break and enjoy a wonderful three-course lunch. Mr. Lamont McCloud and Mr. Seth Crittenden were invited as special guests. Both men were extremely surprised when ADM Schultz congratulated them on their selection as 2019 CG Civilian Employees of the Year. With CG Yard capturing two of the six awards from a candidate pool of over 80 applications, our people stood apart in the tight competition. ADM Schultz had a great visit and he clearly felt the **passion** of the CG Yard family. Thank you for making a great impression, I hope we have the opportunity to host the Commandant again soon.

I am also happy to share that CG Yard Clinician, HS2 Whitney Austin, was recently selected as 2019 CG Pharmacy Technician of the Year. Whether it is on the waterfront or in base support functions, it is very encouraging to see so many CG Yard employees recognized with Service-wide awards.

Honor, Respect, and Devotion to Duty are the CG's Core Values and are essential to building trust. Trust is the bedrock of any high performing team. Our busy waterfront, the global pandemic, and news feeds highlighting widespread protests and tense political scenes may distract us from our shared Core Values. However, if we lose the bedrock of trust and of these Core Values, the recognition received by individual CG Yard employees and our service to the fleet successes will become history, like a has-been sports team. Let us all pledge to avoid this by asking ourselves, "What can I do to strengthen my commitment to the CG's Core Values at CG Yard?" We all have room to grow.

Thank you and Semper Paratus!

CAPT Vincent Skwarek

Commanding Officer, United States Coast Guard Yard

CG Yard Welcomes Executive Officer, CDR Lauren Dufrene

Commander Lauren Dufrene has held the role of Executive Officer of the Coast Guard Yard since June 22, 2020.

Prior to reporting onboard Coast Guard Yard, Commander Dufrene served as the Coast Guard liaison to the U.S. Department of Homeland Security's Office of Legislative Affairs, where she collaborated with DHS partners to communicate operational and strategic initiatives to Congress.

Commander Dufrene's previous tours include afloat assignments as the Auxiliary Division Chief onboard CGCMUNRO (WHEC-724) and Engineer Officer aboard CGC JARVIS (WHEC-725) and CGC MORGENTHAU (WHEC-722). Her previous ashore naval engineering positions include assignment as a Patrol Boat Port Engineer at Naval Engineering Support Unit (NESU) New Orleans, and the Engineering Branch Chief at Surface Forces Logistics Center Patrol Boat Product Line (SFLC-PBPL). During the design and initial production phases of the Fast Response Cutter (WPC-154) acquisition, Commander Dufrene served as the program's Technical Lead, at Coast Guard Headquarters (CG-9324).

A graduate of the U.S. Coast Guard Academy, Commander Dufrene also holds a Master of Science from George Washington University. She is a certified DHS Level II Acquisition Program Manager, and received the 2016 American Society of Naval Engineers' Rosenblatt Award for early professional achievement.



Right: On Saturday September 19th, MK1 Travis Chapman, currently assigned to the CG Yard Firehouse, received his certificate of completion from the Anne Arundel County (AACO) Fire Academy. MK1 Chapman is the first Coast Guard member to graduate from the AACO Fire Academy in more than 20 years! The ceremony looked a little different due to the COVID-19 pandemic, however Recruit Class # 60 was nicely recognized. MK1 Chapman completed training including Firefighter 1, 2, and Emergency Medical Technician courses.



(cont'd from page 1) the diminishing number of Coast Guard MK75s in the fleet, filling maintenance stands with international guns is more relevant to providing quality, affordable Coast Guard services than ever before.

Cultivate U.S. Strategic Partnerships. The United States makes targeted investments in the navies and coast guards of its foreign allies to help build a strong defense network, project U.S. power, and extend U.S. influence across the globe. The President's National Security Strategy prioritizes U.S. efforts to "maintain our strong ties with Taiwan, reenergize our alliance with the Philippines, and assist [Middle East] partners in strengthening their institutions and capabilities." The Coast Guard Yard's current ordnance efforts to support the Taiwanese, Philippine, Saudi, and Bahraini navies are a cog in the diplomatic wheel that helps achieve a favorable balance of power that mitigates threats to U.S. security and prosperity.

Enhance National Fleet Interoperability. The term "interoperability" brings to mind Coast Guard cutters and Navy ships performing joint Defense missions in conflicted areas around the world. Interoperability, however, is much more than assets and personnel on scene; it includes all the entire engineering and logistics functions that deliver those assets where and when they are needed. The National Fleet, comprised of the Navy, Coast Guard, and, by extension, their foreign partners, interoperates most effectively when it understands and shares resources between each of its organizational elements. The CG Yard Ordnance Shop is a unique organic resource that offers flexible and affordable maintenance and repair services for eight large caliber weapons systems common across multiple Navy, Coast Guard, and international surface platforms. Does CG Yard really have an effect on the National Fleet's operational readiness across the globe? With certainty, 'YES IT DOES!'

OPS SPOTLIGHT- CGC POLAR STAR

CGC Polar Star recently returned home to Seattle, WA following the first on-time completion of dry dock since reactivation in 2013. While in dock, CG Yard workers completed extensive installs throughout the cutter, including electrical cabinets, junction boxes, and miles of electrical cable, in preparation for SLEP upgrades. These upgrades will replace aging and obsolete engineering monitoring and controls systems that are crucial to completion of the cutter's geopolitically important Antarctic missions, and will ensure continued operational availability until the delivery of the first Polar Security Cutter. CGC Polar Star leaves for Operation Deep Freeze 2021 this winter- a record setting eight consecutive Antarctic deployments for the 45 year old cutter.



The Port Engineer for the Long Range Enforcement (LRE) Product Line had this to say about our CG Yard road crew: *"They were extremely flexible, willing to stay late and work off hours around the contractor to get the job done in a timely manner. The team was also easy to work with towards completion as additional items came up or in finishing little "hitlist" items that we found on our walk through. Their promptness and the communication between everyone was exceptional. You understand how crazy it is to try and get a DD done on time and I can't say how much I appreciate the team's quality and willingness to work with us. It made our life in the PE office easier. This type of workmanship and the personalities give me confidence in the upcoming FY 21 install"*.

1...2...3 BUOY TENDERS??!

By LTJG Emily Dow



Above Left: 225' CGC 's Willow, Cypress and Juniper on the CG Yard waterfront. Picture by LT Andrew Horvath of PRO Baltimore.

In mid-August the CG Yard undocked the eighth of sixteen 225' hulls to undergo a Major Maintenance Availability (MMA). The first and primary phase of the MMA began in 2015, with CGC Oak and CGC Willow, and is scheduled to end in 2024 with CGC Hollyhock. You may be asking yourself "Why is CGC Willow back at the CG Yard?" When the project began, several equipment upgrades were not available, but now those upgrades can be completed. CGC's Oak and Willow are scheduled for "Phase 2" work that will include major upgrades to the Aids to Navigation (AToN) Crane, the Heating, Ventilation and Air Conditioning (HVAC), and refrigeration systems, among others. This MMA program is successful because of diverse skills and services available at the CG Yard; our workforce takes great pride in their work, and it shows!

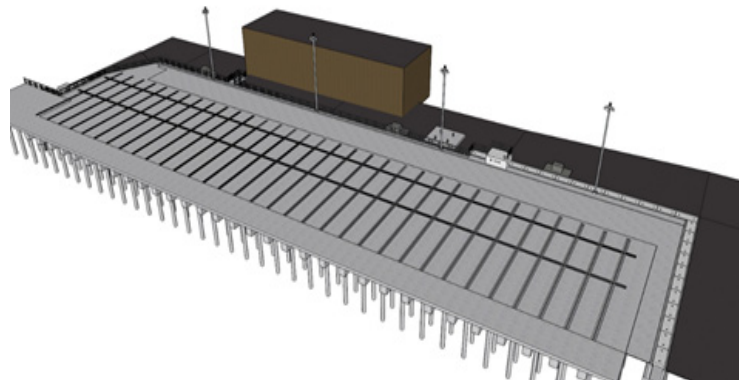
An MMA, like a Service Life Extension Project (SLEP), is a year-long availability that removes scheduling interferences, allowing upgrades of obsolete systems, repairs to vessel corrosion, and prevention maintenance support. The 225' MMA dry dock involves approximately \$17 million dollars in labor and consumable materials, consisting of more than 170 work items, and approximately 150,000 labor hours for each of the 16 cutters. This excludes the cost of long lead materials such as the Closed-Circuit TV, Dual Point davit, and the AToN crane. Identification and correction of corrosion is a significant benefit vessels receive while undergoing MMA at the CG Yard. These projects are primarily funded through Procurement Construction and Improvements (PC&I) funds. However, secondary work, including preservation of the weather decks, and overhauling propulsion shafting, bow and stern thrusters can be added from the Icebreaker, Buoytender, Construction Tender Product Line (IBCTPL).

There is a wide range of benefits to Operational Commanders from a MMA delivery by the CG Yard. As the USCG's sole shipyard, crews can enjoy the unique range of Coast Guard-focused ship repair resources in one location. From skilled maritime trade professionals to engineering technical experts, work packages are designed in close consultation with the CG Yard's Planning and Project staffs to deliver products ontime. The CG Yard's Military Support Division includes MWR, an on-site Health Clinic and ID office as well as the Dry Dock Club. A diverse USCG team including representatives from CG-45, CG-751, CG-93, PRO Baltimore, SFLC-ESD-ISVS, SFLC-IBCTPL and CG Yard personnel, as well as other stakeholders, has been crucial to maintaining communication and returning vessels onschedule throughout the project.

Commandant visits CG Yard and SFLC to thank the workforce for their steadfast dedication to service the fleet during the COVID-19 pandemic. We've endured these challenging times and kept the surface fleet operational so that crews were able to remain on watch at home, and across the globe!



FACILITIES UPDATES



Design for the Roland T. Lewis Shiplift Expansion project is currently 65% completed and on-site construction activities are scheduled to begin in December of 2020. The project will span 18 months of continuous construction. Modification and expansion to the existing land-based transfer area will accommodate the third landside ship position. Upon completion, an additional 28,000 square feet of industrial production area will be available, increasing CG Yard production capability. Expansion will provide sufficient structural rail for two 175' WLMs. The project also installs an environmentally conscious stormwater collection system for state and local water resource protection, utility infrastructure, and a foundation for a future tower crane. Pictured above is a rendering of the completed project.

WE'RE WORKING ON IT

Right: A CG Yard team consisting of six electro group technicians traveled to Seattle, WA to assist C5I Service Center with removing critical electronics components from the ex-CGC Mellon. The team is pictured here, standing in front of the AN/SPS-40 Air Search Radar Array that was removed from the decommissioned 378' High Endurance Cutter. The four-week 'road show' involves removal of \$1.3M of sensitive equipment, which is a key step in making the cutter ready for excess defense article transfer to one of the United States' foreign military partners. The ex-CGC Mellon will be transferred to the Kingdom of Bahrain's Royal Naval Forces. Only one High Endurance Cutter remains in the Coast Guard Fleet, scheduled for decommissioning in Fiscal Year 2021.



Left: CG Yard successfully completed the 140' Service Life Extension Project (SLEP) this past August. This In-Service Vessel Sustainment (ISVS) Program is part of CG-9's Acquisition Directorate Programs. SLEP upgrades enable cutters, commissioned in 1979-1988, to maintain current capabilities for an additional 15 years. CG Yard employees have become 140' experts during the SLEP project. They have replaced most of the major systems including the Boat Davit, HVAC, Bubbler, A/C, Gyro Compass, AFFF, Steering, and Water Mist systems. Some of the key components repaired or overhauled were the Main Motor, Main Propulsion generator, and Propulsion Shaft. Replacing and repairing these systems will extend the service life of the 140' class of cutter.

Right: CG Yard and SFLC Industrial Operations Division (IOD) work together to meet the needs of the Coast Guard's surface fleet. CG Yard demonstrated its flexibility by accommodating an additional work request to install the MTU engine on this 87' Patrol Boat before beginning its scheduled Recurring Depot Avail Project (RDAP). Pictured here are CG Yard Structural Group tradesmen Leonard Herd and Justin Abrams who rig the engine into place. Doug Beasley (not pictured) also assisted with engine placement.





Above: (L to R) CAPT Skwarek, Brandon Mack, Stanley Cortez, Malachi Caldwell, and GF Ron Viands. CG Yard congratulates 3 intern graduates from Baltimore City's New Era Academy. Brandon, Stanley and Malachi were the only Baltimore City individuals to complete an on-site internship due to the COVID-19 pandemic. The CG Yard's internship program is instrumental in organically growing its workforce. Brandon and Stanley have both been hired as fulltime WG-1 employees!

**Enlisted Member
of Quarter 2**



**HS2 Eduardo Pena
Health Clinic**

**Civilian Employee of
Quarter 2**



**Gregory Pulley
Industrial Dept- Electro Group**

MILESTONES

Civilian Retirements

07/31/2020

Richard Heilman

Civilian Promotions

1/5/2020	Adam Brown	Planner/Estimator,	WD-4204-8
7/19/2020	Steven Funk	Shipwright Supervisor	WS-4220-10
7/19/2020	Akil Jones	Crane Leader	WL-5725-11
9/13/2020	Chris McQuay	Painter	WG-4102-9
9/13/2020	Derrick Peterson	Painter	WG-4102-9
9/13/2020	Chris Skowran	Electronic Indust Control Worker	WG-2606-8
9/13/2020	Richard Fantom	Electronic Indust Control Worker	WG-2606-8
9/13/2020	Robert Powers	Electronic Indust Control Worker	WG-2606-8
9/13/2020	Jordan Soliday	Electronic Indust Control Worker	WG-2606-8
9/13/2020	Adam Krantz	Mechanic	WG-2606-10
9/13/2020	Aaron Bowling	Mechanic	WG-2606-10
9/13/2020	Davy Herbert	Mechanic	WG-2606-10
9/13/2020	Jason Cuffley	Mechanic	WG-2606-10
9/13/2020	Tanner Wills	Mechanic	WG-2606-10



Military Retirements

8/27/2020	Jonathan Landgraff	DC2
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Military Promotions

7/01/2020	Ryan Small	HS3
7/14/2020	Jessica Martin	LT
9/01/2020	Avery Weston	LCDR

Photo of the Quarter

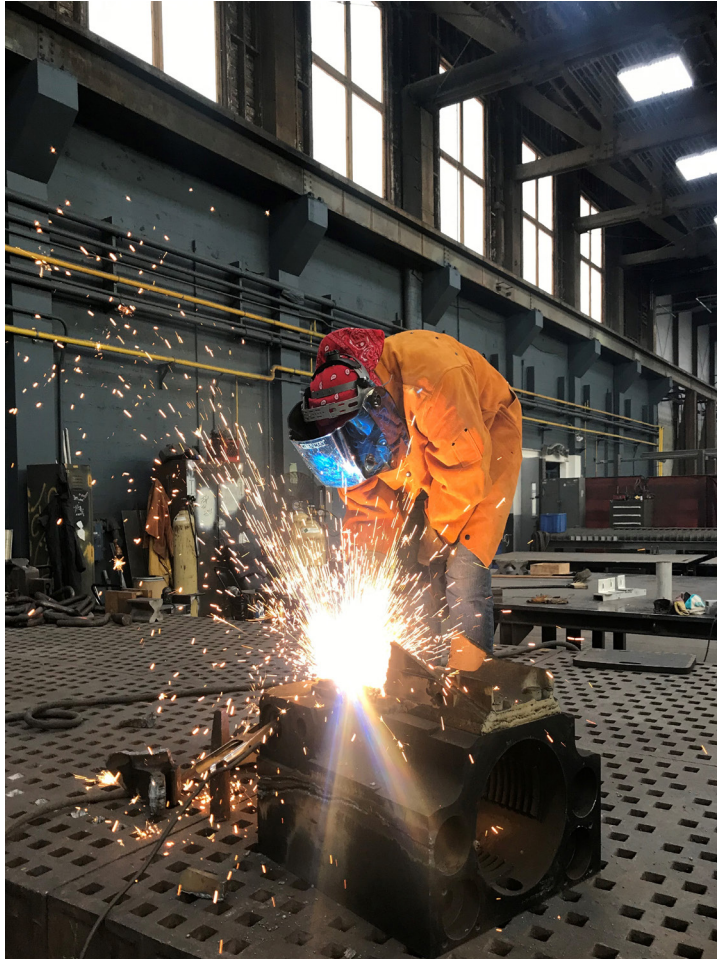


Photo of Quarter 3 taken by Nelson Sapunar (CG Yard Structural Group) captured the above photograph of Taylor Tinelli, a Pathways intern from Center of Applied Technology (CAT) North. Pathways is an Office of Personnel Management paid internship program for students who are currently enrolled in a degree-seeking program at an accredited high school to postgraduate level school. Upon graduation and meeting the minimum 640 hours requirement, a Pathways student may be offered a permanent job with the CG Yard. The Pathways program is instrumental in CG Yard organically growing its workforce, hiring and training the next generation of skilled leaders.

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