















# **CONTENTS**

18 IMPROVE 4 MESSAGE FROM THE HELM

6 DEPARTMENT SPOTLIGHT

8 PERFORM

16 SUSTAIN

26 PDP CORNER

28 Learn

46 spotted in the yard

48 in the community

52 visitors

# THE SHIPBUILDER Sr. Communications Specialist: Amanda Ray

Manager, Communications: Brian Jones
Published by General Dynamics NASSCO Communications Department, 2798 East Harbor Drive, San Diego, CA 92113

Contributors (alphabetical): Phillip Brandon, Ali Broemelin, Keith Carlson, Ric Cheeks, Ryan Chrisom, Nathan Doherty, Dallas Hansen, Nicole Ibinson, Michael Jury, Sierra Landaiche, Daniel McKissick, Jennifer Mendez, Christine M. Mueller, Kyle Pins, James Prosser, Stephen A. Reamy, Adam Rodriguez, DeMarco Sampson, Hailee Silva, Diane Sloan, Jackson Steiner, Donna J. Watkins, Angel Zepeda

**Front Cover:** USNS *John L. Canley* (ESB 6), NASSCO-San Diego, May 6, 2022 **Back Cover:** NASSCO-San Diego, May 6, 2022

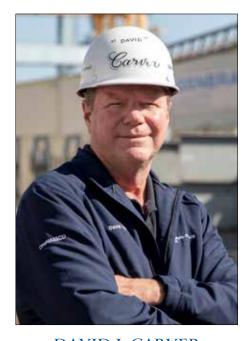
# PRESIDENT'S NOTE

What a year it has been so far! NASSCO continues to set the bar in the shipbuilding industry and our team's hard work is consistently producing high-quality ships for the U.S. Navy fleet. I am immensely proud of the work we have accomplished and the collaboration and innovation displayed daily by our shipbuilders.

The NASSCO Team made great strides this year in securing additional contracts for our company's hard-working and talented men and women. New Construction is operating at a fever pitch, with six ships currently in production. I look forward to delivering the future USNS *John Lewis* (T-AO 205), the future USNS *Harvey Milk* (T-AO 206), and the future USNS *John L. Canley* (ESB 6). When these vessels are commissioned, they will represent NASSCO's ongoing record of delivering high-quality, mission-ready ships that will help advance the Navy's global force for good.

We recently had the honor of christening *John L. Canley*, where Patricia A. Sargent, the ship's sponsor and Canley's daughter, christened the ship with the traditional champagne bottle break alongside the hull. Later this year, we will christen and launch the future USNS *Earl Warren* (T-AO 207), which is currently about 79% complete. The future USNS *Robert F. Kennedy* (T-AO 208) is 28% complete, and the first three Grand Blocks have been erected for the future USS *Robert E. Simanek* (ESB 7).

NASSCO's Repair Teams continue to exceed expectations and recently completed



DAVID J. CARVER

President

General Dynamics NASSCO

nine availabilities, including the first outside the continental United States (OCO-NUS) continuous maintenance availability (CMAV) conducted on the littoral combat ship USS Billings (LCS 15) in Puerto Rico by NASSCO-Mayport.

Currently, nine U.S. Navy warships are being worked on across the country. Our dry dock in San Diego is presently supporting the Arleigh Burke-class guided-missile destroyer USS *Pinckney* (DDG 91), which is about 36% complete and is scheduled to be completed by summer 2023. Work is nearly complete on the Ticonderoga-class guided-missile cruiser USS *Lake Erie* (CG 70);

the amphibious warfare ship USS *Comstock* (LSD 45) is on track to be complete in October, which is two months ahead of schedule. Following closely behind is the Ticonderoga-class guided-missile cruisers USS *Cowpens* (CG 63) which is scheduled to be complete in November.

In Virginia, the NASSCO Team is accomplishing work on the Nimitz-class aircraft carrier USS *Dwight D. Eisenhower* (CVN 69), the Antonio-class amphibious transport dock USS *New York* (LPD 21), and the amphibious assault ship USS *Iwo Jima* (LHD 7). Our Florida Repair Team is preparing to start the five month selected restricted availability (SRA) on the Burke-class guided-missile destroyer USS *Jason Dunham* (DDG 109) in August.

Now is the time to remind ourselves that we must remain committed to maintaining a safe workplace so that we may return home from the shipyard in the same condition as when we arrived. I ask everyone to continue working safely.

As an integral part of NASSCO's operations, you are the foundation and future of our industry. I look forward to continuing working with you on our new shipbuilding and repair opportunities for the remainder of 2022 and years to come.

David J. Carver President



# **One NASSCO**

The Shipyard of Choice for securing our nation and fueling our economy

Highly dedicated professionals anchored in teamwork and propelled by innovation

One Team, one NASSCO, better every day

#### **PERFORM**

We maintain a focus on safety, quality and ownership in all aspects of our work

#### **LEARN**

We encourage and trust one another to grow and learn while holding ourselves and each other accountable for our collective results

#### **IMPROVE**

We acknowledge our mistakes and act on opportunities to continuously improve

#### **SUSTAIN**

We are good stewards of our business, our community and our environment

4 summer 2022 **The Shipbuilder** 

# DEPARTMENT SPOTLIGHT

# The Blast, Paint, and General Services Department

#### **AUTHOR:**

Angel Zepeda, Superintendent Production, San Diego



department located? we work in all areas of the yard.

Where is your The Blast, Paint, and General Services production office is located in Bldg. 42 though

critical to the overall company?

What makes your department so Our department has several critical activities that support the company. Blast & Paint does all the surface preparation and painting in all SOCs. Abrasive blasting provides the highest grade of surface preparation for the coating system to adhere to. Different coating systems are applied depending on the location, and as many as four coats can be applied. In General Services, we build scaffolding for all the SOCs. We also have an emergency response team for spills. This team is trained to recover and prevent spills from leaking into the drain systems. We collect all water generated in the yard and treat it before being drained into the sewer system.

#### Explain your team's typical day. What do you spend your day working on?

A typical day consists of surface prepping blocks in SOCs 4 & 5 and painting outer compartments in SOC 6. We also support all scaffold requests throughout the yard, supporting all trades in all SOCs.

#### Has your team hit any certain milestones or achievements in the past year that you would like to share with your colleagues at NASSCO?

ESB 6, we completed all 30 ballast tanks and applied over 40 thousand gallons of paint to preserve the steel. This coating system is designed to last up to fifteen years. We also completed the exterior hull's final paint so the ship could undock. More than 23 thousand gallons of paint were applied to the hull to preserve steel from corrosion. Shrouding and containments are used to prevent overspray and particles from being released into the air or water. We also set up filters (or dust collectors) that capture and remove about 99% of the dust from blasting operations. Over the past few years, we have increased our use of plural component painting systems. These self-contained paint-proportioning systems deliver epoxy paints, precisely mixed and on-demand, resulting in reduced waste and lower emissions.

#### What are some of the measures or steps you take to ensure that you and your team follow a total safety culture in the work you do?

Daily safety audits are performed, and they are completed by Hourly employees and Supervisors. These daily audits ensure that everyone wears the proper PPE and follows safety guidelines. For every 90 injury-free days, our crew celebrates with a pizza lunch.

#### Is there anything else you would like to add?

The team has three crews that have completed over 600 days of injury-free! Congratulations and keep it up!

- Carpenter Shop = 939 days Supervisor = Mario Principato
- Inspection Team = 2,043 days Supervisor = Juan Arvallo
- **SOC 6 ESB Crew** = 600 days Supervisor = Cesar Guerrero



# **PERFORM**

# NASSCO-San Diego New Construction Ship Milestones

**AUTHOR:** 

NASSCO Communications

USNS Earl Warren (T-AO 207) Keel Laying

April 30, 2022







USNS John L. Canley (ESB 6) Float Out





















designed to make your life easier.

- 877-254-4582
- myresolve365.com

Use it to get help with some of life's most common challenges.













**ENTIRELY CONFIDENTIAL** 

**AVAILABLE 24/7/365** 

# NASSCO-Norfolk Completes USS Bataan Chief of Naval Operations (CNO) Availability Early

AUTHORS: NASSCO Communications & U.S. Navy

NASSCO-Norfolk delivered the Wasp-class amphibious assault ship USS *Bataan* (LHD 5) two days ahead of schedule on Jan. 19, after a 16-month planned maintenance availability (PMA).

"The successful on-time delivery of the *Bataan* can be attributed to the fantastic partnership between Mid-Atlantic Regional Maintenance Center (MARMC), ship's force, and General Dynamics NASSCO," said NASSCO-Norfolk General Manager Kevin Terry. "We are proud of the progress made and honored to return this pivotal warship back to the fleet so it can continue its mission to protect our nation."

The 16-month project included an extensive boiler inspection; a comprehensive flush and restoration of the ship's Collection, Holding and Transfer system; reconfiguration and alteration of the Troop Rifle Storage and Marine Air Ground Task Force Ammo Locker, and numerous other structural checks and repairs.

Wasp-class ships measure 855 feet in length and have a beam of 106 feet, making them among the largest amphibious ships in the world. The *Bata-an* is capable of projecting power and maintaining presence as the cornerstone of an Amphibious Ready Group or Expeditionary Strike Group, providing the Marine Corps with a means of ship-to-shore movement and allowing it to be a force multiplier in humanitarian-assistance missions to full combat operations.



# NASSCO-San Diego Participates in Ship Fire Simulation

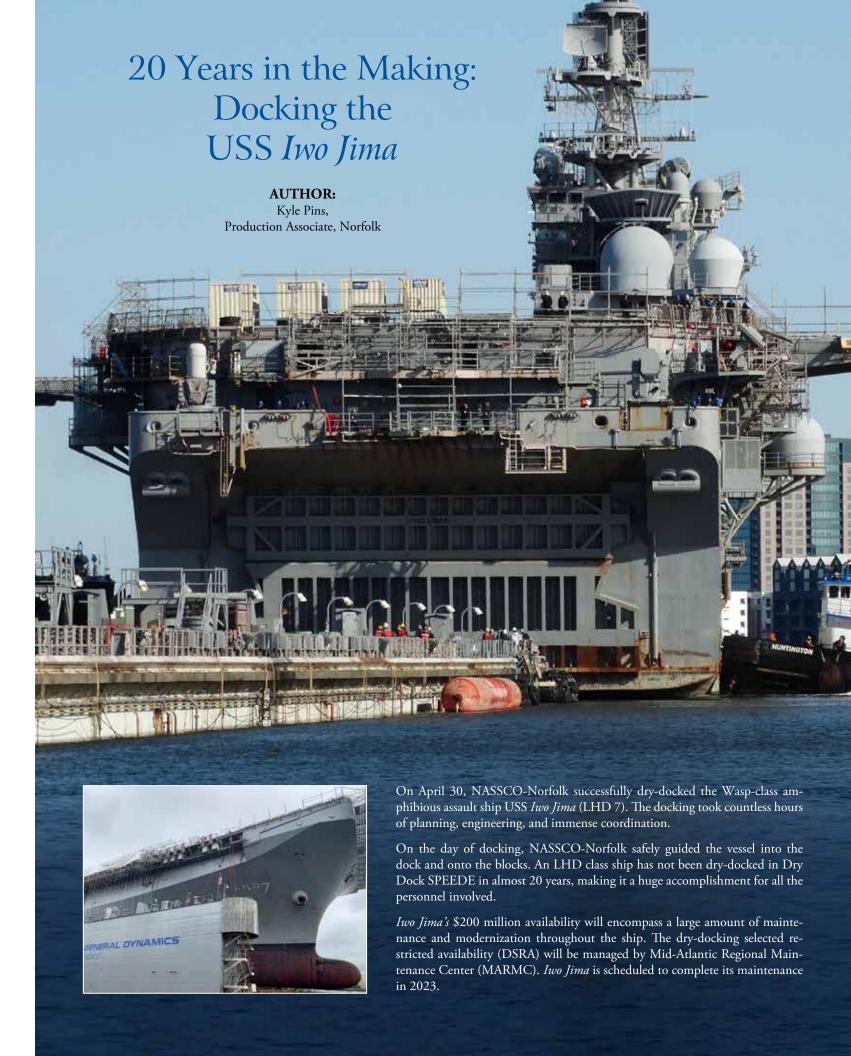
**AUTHOR:** Daniel McKissick, Fire Chief, San Diego

On May 11, NASSCO-San Diego's Fire Department took part in the guided-missile destroyer USS *Russell* (DDG 59) assessment fire drill.

NASSCO Fire played an important role in the Incident Command System and in the firefighting operations for the drill, working in collaboration with San Diego Fire and Rescue, San Diego Federal Fire, National City Fire, Coronado Fire, Harbor Police, U.S. Coast Guard, BAE management, and the U.S. Navy.

This exercise helps perfect working cohesively in Incident Command Systems and provides an opportunity to network with other shipyards and agencies to improve our current fire response infrastructure in the NASSCO shipyard.







NASSCO-Norfolk completed its first-ever emergent dry-docking of the Arleigh Burke-class guided-missile destroyer USS Ramage (DDG 61) in order to accomplish the replacement of the Sonar Dome Rubber Window (SDRW). This would be the very first time that NASSCO-Norfolk had accomplished this type of re-

NASSCO-Norfolk worked with other members of the General Dynamics organization to complete this availability. Bath Iron Works provided additional blocking lumber and NASS-CO-San Diego provided an experienced team of shipfitters and welders.

As the ship's crew had to remain onboard, all their services needed to remain operational. All support services were required to ensure that their air conditioning plants, refrigeration units, seawater service systems, and fire main were operational.

The availability started at Naval Station Norfolk, with the pumping down of Forward Fuel tanks in groups one and two. This was essential for the docking as well as to provide adequate Hot Work safety while repairing the SDRW. During this period, the dry dock division and engineering departments worked feverously to build the dock blocks required to support the ship in the dry dock.

# NASSCO-Norfolk Emergent Dry-Docking of the USS Ramage

AUTHOR: Keith Carlson, Area Manager II, Norfolk



Birol Duvagi, NASSCO Senior Engineer and Nicole Ibinson, NASSCO Engineer

Once the ship was safely in the dock, the teams swung into action to begin work on the SDRW. The staging was installed and the paint around the SDRW was hydro blasted off. The expert team from Collins Aerospace (BF Goodrich) identified the initial closure plate cut locations and turned them over to NASSCO for the removal of the closure plates. NASSCO shifted into a 24/7 work schedule with two 12-hour shifts.

Once the plates were removed, the "foam" used to fill the void around the SDRW clamps was also hydro blasted out. This was a new process that had previously been accomplished with power chisels and hammers. Crofton Industries used their barge-mounted crane to remove the SDRW from the ship. This crane was used again to position the new SDRW and fixture onto the ship's hull. Once the new SDRW was in place and the clamps bolted down, the long process of placing the sonar dome on air pressure and torqueing the more than 400 bolts to pass the air test began. This was followed by 18 days of fitting and welding the new closure plates. This was a meticulous job as the fairing angles had to be precise to prevent any cavitation of the water caused by uneven surfaces between the hull and SDRW. Collins Aerospace now filled the void with foam and built up the rubber around the mating surface.

This repair was a resounding success for NASSCO-Norfolk and the NASSCO team as it was accomplished in only 69 days. No one outside of the NASSCO Team believed in the rigorous schedule, but it has become the benchmark for the duration of this repair.

# A Letter From Congressman Calvert to NASSCO-San Diego Shipbuilders

Congressman Ken Calvert congratulates NASSCO employees on more funding for the John Lewis-class oiler program.

KEN CALVERT 42ND DISTRICT, CALIFORNIA

#### WASHINGTON OFFICE

2205 RAYBURN HOUSE OFFICE BUILD WASHINGTON, DC 20515-0542 (202) 225-1986 FAX: (202) 225-2004

#### DISTRICT OFFICE:

400 SOUTH VICENTIA AVENUE SUITE 125 CORONA, CA 92882 (951) 277-0042 FAX: (951) 277-0420



#### UNITED STATES HOUSE OF REPRESENTATIVES

COMMITTEE ON APPROPRIATIONS

SUBCOMMITTEES

RANKING REPUBLICAN

WWW.CALVERT.HOUSE.GOV FACEBOOK.COM/REPKENCALVERT @KENCALVERT

March 15, 2022

To the Employees of NASSCO:

First, thank you for being part of a national effort to maintain our superiority at sea. As you know, the United States plays the lead role in ensuring freedom of navigation throughout the world and the ships you build at NASSCO are instrumental to that effort. A robust shipbuilding industrial base is not only important to our region, but to our country as we seek to maintain our military superiority now, and into the future.

In light of the excellent work you do, I am pleased to announce that the fiscal year 2022 Defense Appropriations bill included an additional John Lewis Class TAO-Oiler for \$756M, that is in addition to the one requested in the President's Budget. The inclusion of this additional ship will provide workforce stability for NASSCO and assure that we have the capabilities to project power into the Pacific. There was also \$20M in affordability initiatives for NASSCO and the Oiler Program. One of my priorities as the Ranking Member on Defense Appropriations, is to support our shipbuilding industry and ensure that we have the domestic capability to manufacture the weapons systems vital to our United States Navy.

Again, thank you for all you do to support the U.S. Navy and our Sailors and Marines. The ships you build are the pride of our region, state and country.

Member of Congress

# **SUSTAIN**

# Energy Team: Saving the Environment and Cutting Costs at NASSCO

AUTHOR: Sierra Landaiche, Environmental Engineer, San Diego

#### What is the Energy Team?

The NASSCO Energy Team's goal is to reduce energy usage. Energy-saving projects reduce NASSCO's greenhouse gas emissions and company costs! The Team involves employees from Maintenance, Facilities, Environmental, Weld Services, Blast & Paint, Temporary Services, and the Steel Department.

Energy Team projects vary from process changes like turning off equipment during breaks to financial investments like upgrading the yard's compressed air system. Each project reduces either electricity, compressed air, or natural gas usage, which reduces NASSCO's carbon footprint and saves NASSCO money.

#### What has the Energy Team done so far?

Completed Energy Team projects include upgrading Blast and Paint Cell lights to LEDs, training operators to turn off equipment not in use, replacing old weld machines with energy efficient units, upgrading compressors, and testing new cutting torch technology. These projects contributed to nine years of NASSCO meeting its greenhouse gas reduction goal.

Projects from 2008 to 2018 have reduced greenhouse gas emissions by over 9%. Projects after 2018 have successfully reduced emissions by the equivalent of 863 metric tons of CO2 emissions and saved the company over \$500,000 per year!

#### What can you do to help?

Everyone can do their part to save energy at NASSCO. The three easiest actions are to turn off equipment, turn off lights, and repair leaks. Here are some ideas: turn off vacuum machines, burning machines, and weld machines during lunch; turn off the lights when you leave the office for the day; use leak tags to report manifold leaks to the Maintenance Department.

Don't forget to submit Plls for your ideas – energy savings are a cost-saving benefit!



Mike Murphy, Supervisor, Weld Services, and Caleb Barragan, Foreman, Weld Services, unbox a new energy-efficient welding machine power source. Murphy, a member of the Energy Team, says, "The Energy Team worked to deliver 250 of these units in 2022, to replace older, less efficient machines in the yard. This is a great step towards modernizing the yard."



Lorenzo Sanchez, Shipfitter/Journeyman Ability 4, tests a new energy-saving torch. "The testing project was a good experience – something different from what I do out on the ship. And I liked the new torch because cutting and scarfing took less time, which could be helpful on board the ship."



James DeRose, Fitter/Sheetmetal 5, places a tag on a compressed air connection that leaked due to normal wear on the equipment. "Save the environment, tag leaks!" says his coworker Andrew Allen, Production Operations Analyst II.

# 10th Earth Day Cleanup and Celebration

#### **AUTHOR:**

Donna J. Watkins, Environmental Engineering Manager, Norfolk



Every year on April 22, many people and organizations pause to recognize the importance of protecting our planet. First recognized on April 22, 1970, Earth Day is now a global event where over one billion people across 190 countries hold events to promote environmental stewardship.

On Wednesday, April 20, NASSCO-Norfolk held its 10th annual Earth Day Cleanup and Celebration! Just when we thought we couldn't top last year's record of volunteers, we were pleasantly surprised by our 67 employee volunteers from 18 different shops who put their all into beautifying our shipyard! This event has become a NASSCO-Norfolk tradition. It builds morale among employees as we become good stewards of the environment in and around our shipyard.

After a full day's work, our dedicated volunteers signed in and gathered to prepare for the cleanup. This year, Samantha Persinger, Fitness Center Manager, led the volunteers in some pre-cleanup exercises. After the warm-up, each volunteer grabbed a trash bag, gloves, and a partner. We went out two-by-two to the various "hot spots" where trash tends to accumulate. This includes two laydown areas, the walking path to offsite parking lots, and "Trailer City."

Trailer City is the name we give a graveled area where most of our subcontractors and Ship's Force personnel have conex boxes for material storage and, in some cases, office space.

These volunteers collected trash for more than one hour at each of these locations finding items such as bottles, cans, plastic tarp and packaging, broken wood from pallets, and other debris. Our Facilities personnel collected the piles of bags at a drop-off spot at each location. Facilities and Environmental and Health and Safety (EHS) personnel estimated the 33 large bags of trash, including a bike frame, totaled approximately one ton. This collected debris was kept from blowing into the river or being washed down a storm drain during the next rain event. It also removed debris that could have been a tripping hazard. In addition to protecting the Earth, we protected ourselves and others.

Employees came back to the registration table to receive a cold bottle of water, a Chick-Fil-A sandwich, and giveaways. To continue on with the Earth Day cleanup, Anthem Health Coach Lauren Brown handed out reusable grocery bags, sheets of seeds for planting to grow herbs, and healthy snacks while also answering any

questions about health and fitness. After a few group photos, volunteers left with big smiles – not just because of the food and goodies, but a sense of accomplishment from cleaning the environment.

After the cleanup, NASSCO-Norfolk General Manager Kevin Terry thanked all participants: "Here at NASSCO-Norfolk, we also recognize the importance of this day. One of our four Company Commitments is 'Sustain.' Our goal specifically states, 'We are good stewards of our business, our community, and our environment.' Each and every day, our employees work hard to ensure we are not only compliant with regulations, but that we are good stewards of the areas in and adjacent to our waterfront. Additionally, we hosted our annual Earth Day cleanup echoing this year's theme of "Invest in Our Planet." I was exceptionally proud of how many employees took the time to help clean up the area in and around our facility."

Again, thanks to all who made this year's cleanup and celebration a huge success!

16 summer 2022 the shipbuilder 17

# **IMPROVE**

### NASSCO & TIMSA Collaboration

#### **AUTHOR:**

TIMSA Communications, Mexicali



On December 2021, representatives of NASSCO & TIMSA held their second Summit at TIMSA's facilities. Participants from different departments, including Quality, Operations, Information Technologies, and Engineering, met in functional sessions to discuss process improvements and shared best practices.





#### During this two-day event, some of the themes discussed included:

- Implementation of business intelligence tools to track performance
- Improving communication of design changes through JIRA
- Use of virtual training tools for new hires
- Lessons learned related to some of TIMSA's products
- Improving accuracy control in fabrication using laser trackers
- Design for producibility reviews and identification of standardization opportunities
- Further integration of NASSCO and TIMSA systems
- Welding automation

Participants were highly satisfied with the outcome of the summit, and Joint Projects agreed to move forward with implementation. Now the clock has been set for the third edition of the Summit, coming soon on July 2022.



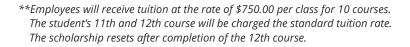


# General Dynamic NASSCO Employees Save on Tuition at National University

National University is proud to partner with General Dynamics NASSCO to extend a tuition rate offer of \$7,500\* per year to employees looking to expand their knowledge and skills for professional and personal growth. Additionally, your spouses and dependents are also eligible for a 15% Tuition Reduction Scholarship.

#### Why Choose National University?

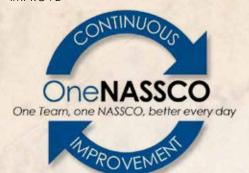
- **Flexible 4-Week Classes:** Start sooner and finish faster with four-week classes, monthly start dates, and year-round enrollment.
- **75+ Degree Programs:** Choose from associate, bachelor's, and master's programs\* designed to help you pursue your purpose and make an impact in your community.
- **100% Online Classes:** Study when and where it's convenient for you with flexible online classes that work with your busy schedule.
- **Fast Track Scholarship:** Students can earn a free class for every four classes completed within a six-month period.





LEARN MORE: WESCORP@NU.EDU | 855-773-9444





# Continuously Improve

#### GENERAL DYNAMICS MANUFACTURING SYMPOSIUM AND MANUFACTURING EXCELLENCE AWARDS

AUTHOR: Ric Cheeks, Industrial Engineer, Continuous Improvement, San Diego

This past April, NASSCO sent a delegation of representatives to the 18th Annual General Dynamics Manufacturing Symposium in Orlando, Florida, to present, learn, engage, and collaborate with other General Dynamics business units in the first in-person gathering in over three years. NASSCO was well represented at the event as a group of nine individuals traveled to participate.

NASSCO's Manufacturing Excellence Award went to the presentation called "Improve Repair Subcontractor Quality Performance." The presentation covered the extensive process that our NASSCO Quality Engineer, Florencio Alvarez, conducted to establish and visualize valuable quality metrics on behalf of our Repair business to better track and engage in the performance of our subcontractors.

Speakers of track presentations on the second day of the Symposium include Sergio Garcia of TIMSA, Kevin Jorgensen from our Operations Training, Joseph Jones from New Construction Electrical, and

Ric Cheeks of Manufacturing Engineering.

Video recordings of their presentation and every other presentation given at the Symposium are available to view in SuccessFactors under "Learning." Share in the experience by learning from newly implemented processes and technologies across several of the General Dynamics businesses from Marine, Aerospace, IT, and Systems.

As we do every issue, we hope to recognize even more of our shipbuilders in the coming year and share the celebration of their accomplishments together.

# Continuous Improvement Department (Manufacturing Engineering) - CI@nassco.com

Steve Murray – SMurray@nassco.com Robert Liddell – RLiddell@nassco.com Ric Cheeks – ricky.cheeks@nassco.com



#### NASSCO Delegation to the General Dynamics 18th Annual Manufacturing Symposium

Top Row, Left to Right: Arturo Gutierriez, General Supervisor of Operations; Steve Davison, Vice President of Operations; Sergio Garcia, Planning and Information Technology Manager of TIMSA; Florencio Alvarez, Senior Quality Assurance Engineer

Bottom Row, Left to Right: Dean DelCamp, Director of Repair Programs; Jason Nicholson, Welding Engineer; Christina Ramirez, Production Engineer; Steve Murray, Manager Continuous Improvement; Ric Cheeks, Industrial Engineer, Continuous Improvement

Track Presentation Speakers Not Pictured: Kevin Jorgensen, Senior Training & Development Specialist; Joseph Jones, Quality Advocate, New Construction Electrical



General Dynamics Manufacturing Excellence Award Presentation at NASSCO

From Left to Right: Dean DelCamp, Director of Repair Programs; Steve Davison, Vice President of Operations; Florencio Alvarez, Senior Quality Engineer; Jose Ayala, Senior Manager of Quality Assurance



NASSCO's Manufacturing Excellence Award



NASSCO Manufacturing Excellence Award Winners

From Left to Right: Steve Davison, Vice President of Operations; Dean DelCamp, Director of Repair Programs; Florencio Alvarez, Senior Quality Engineer; Rob Smith, Vice President of Marine Systems



Congratulations to our colleagues who have earned their certification from the American Society of Quality as Certified Six Sigma Yellow Belts! Several NASSCO-San Diego Shipbuilders took up the call this spring to pursue this challenging endeavor from one of our industry's most prestigious professional organizations.

# NASSCO-San Diego Sees Gold with New Wave of ASQ Certified Six Sigma Yellow Belts

#### AUTHOR

Ric Cheeks, Industrial Engineer, Continuous Improvement, San Diego

At the time of writing this article, the following individuals have passed their exams during ASQ's May 2022 exam window:

Richard Pol, Supervisor Estimating Operations Repair Jessica Skogberg, Engineering Specialist Sierra Landaiche, Environmental Engineer

Several more candidates are scheduled to take their exam later in May and we hope to share the celebration of their success in the next issue of the Shipbuilder. If you are interested in studying for and obtaining an ASQ certification, please reach-out to the Continuous Improvement Team at CI@nassco.com.

# NASSCO-San Diego Hosts General Dynamics Bath Iron Works on an Operational Excellence Benchmarking Visit

AUTHOR: Ric Cheeks, Industrial Engineer, Continuous Improvement, San Diego



#### General Dynamics Bath Iron Works Visiting Delegation

#### Pictured from Left to Right:

Chris Rathbun, Director of TMSA Operations; Stephanie Pinkham, Section Manager Warehousing, Bath Iron Works; Thomas Stevens, Training Superintendent, Bath Iron Works; Avery Tavares, Plant Manager, Bath Iron Works; Steve Murray, Manager of Continuous Improvement, NASSCO-San Diego

Following on the tail of this year's Manufacturing Symposium, a delegation from Bath Iron Works came to visit NASSCO-San Diego to observe our best practices and to share their shipbuilding knowledge and experience with us. The participants traveled to both TIM-SA and the San Diego shipyard to view NASSCO's processes for fabrication, material control, and continuous improvement.

Each of our visitors was gifted with a scale model of the future USNS John Lewis (T-AO 205) that was printed from our very own ship-yard 3D Print Shop. Special thanks to Bernardo Vasquez, Design Analyst, and Adan Rodriguez, Accuracy Control Engineer, for their help and support in designing and printing these gifts for our visitors as a memento of their visit to NASSCO.



# Save big on education aligned with real-world careers

https://www.phoenix.edu/nassco

Ready to take your next big education step? General Dynamics NASSCO wants to help. Your employee benefits can make it easier to pursue your education, and save you thousands on your degree, certificate or course\*. You can also earn your degree faster by applying to have your work and life experiences evaluated for potential college credit.



#### Programs with practical value

Education should hold practical value. That's why we offer more than 100 online programs aligned to 300+ real-world occupations, 80% of which are in high-growth fields.

Explore the benefits of earning your degree with University of Phoenix\*



For every 5 courses you complete, get 1 course free



#### Questions about University of Phoenix, contact Mechelle Barr at mechelle.barr@phoenix.edu

#### To learn more, visit:

https://www.phoenix.edu/nassco



#### **T-AO 4**: It's on the House

#### AUTHOR

Dallas Hansen, Senior Engineer, San Diego

A large number of personnel are required to perform underway replenishment (UNREP) operations on Navy support ships like the T-AO and T-AKE. The T-AO, in particular, has 125 personnel, while a typical commercial vessel houses around 30. The high quantity of personnel combined with a more robust accommodation standard results in a vast deckhouse that is one of the ship's primary design and cost considerations.

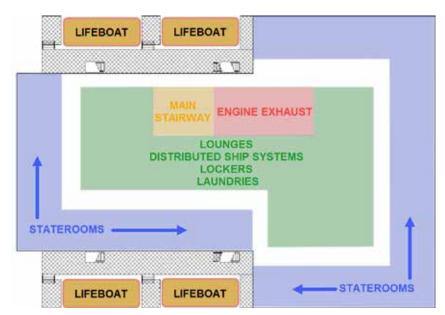
An essential requirement of any ship design is its stability when encountering the roughest seas. Ship designers accomplish this by centering the weight of the ship low enough that, when it rolls in rough seas, it returns to the center like a pendulum. T-AO, being a fleet oiler, carries a large amount of cargo fuel and moves at relatively high speeds. The high cargo weight and sleek hull form required to travel fast culminate in a delicate engineering balancing act to keep the ship's weight low enough to remain stable.

At odds with the requirement to remain stable in all sea conditions is the enormous deckhouse sized to accommodate 125 sailors. To combat this weight high on the ship, T-AO's deckhouse is constructed of thin steel (< 8mm). The thin steel, while an adequate solution from an engineering perspective, adds complexity during construction. The high cost associated with the system services and thin steel construction pinpointed the deckhouse as an area worth exploring for cost-down initiatives.

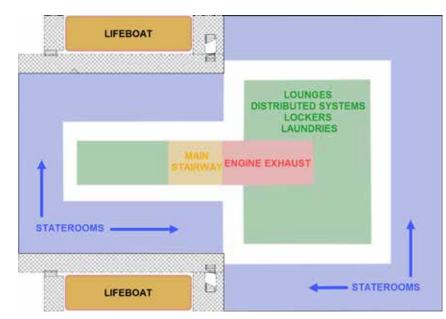
In 2020, NASSCO's Initial Design & Naval Architecture (IDNA) Department proposed a study of various deckhouse design alternatives with the goal of reducing construction costs. IDNA created six different deckhouses by modifying design attributes and working with the government to adjust any excessive requirements. Bi-weekly government meetings served as a platform for collaboration and feedback during the design study. Each of the six designs was evaluated objectively for merits such as the quantity of decks, total volume, and space for distributed systems.

It was clear that each of the six designs had its own merits, but none of them was perfect on its own. A seventh and final design was created by incorporating complementary features from the initial designs including:

- The main exhaust stack and stair tower were relocated to allow more staterooms to be placed on each side of the house.
- The two lifeboats on each side of the ship were replaced by one larger lifeboat.
- Each level of the deckhouse was expanded to the maximum extent possible in order to fit more accommodations on each level.



Floor Plan of Deckhouse BEFORE major modification

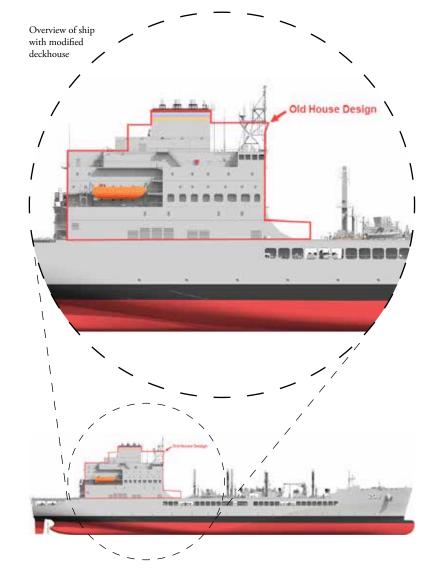


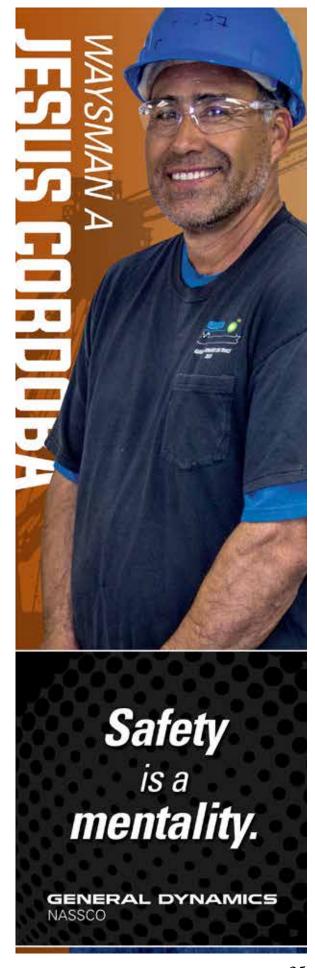
Floor Plan of Deckhouse AFTER Major Modification

Though these changes represent design rework, several key features of the deckhouse were isolated to limit the rework and design risk. The result was a deckhouse that was two deck levels shorter (six meters) and 80% the volume of the original. This created a cycle of continuous improvement for all aspects of the ship's design.

This massive reduction in size not only reduced the quantity of services (electrical cable, ventilation ducts, fans, lights, etc.), but facilitated a considerable departure from the original design in terms of construction. The new block divisions resulted in 45% fewer block assemblies and 25% fewer grand block assemblies within the deckhouse area. The lower, lighter design facilitated a departure from the extremely thin steel, which will further simplify the production process.

Bringing the deckhouse compression from a conceptual idea to reality required out-of-the-box thinking and a collaborative environment by both NASSCO and the Navy to achieve a common goal: reduce the cost of material and improve producibility while maintaining the ship's capability to perform her mission successfully.





# PDP CORNER

#### SAN DIEGO



## Hailee Silva

When did you start at NASSCO-San Diego?
I started working at NASSCO on September 20, 2021.

What brought you to NASSCO? During my time in school, I was working as an intern for Hopper

Engineering Associates, an engineering consulting firm that often contracts with NASSCO. While there, I was assigned to assist in performing an inspection on NASSCO's graving dock. The objective was to compile a list of repairs that needed to be completed on the perimeter walkway. That was how I was first introduced to the yard and to the shipbuilding industry. As such, once I graduated in June 2021, I sought to work at NASSCO. Not only because I found the work very interesting, but also for the opportunities for professional growth, which seemed so readily available to those who seek them out.

#### What degree do you have and where did you go to school?

I went to Santa Clara University, located in the Bay Area, where I earned a bachelor's degree in Mechanical Engineering with a minor in Mathematics.

#### What were your previous jobs prior to NASSCO?

While I was in school, I worked as a barista on campus, and for one quarter, I served as a grader for our program's Introduction to Materials course. The summer before my third year, I interned for Hopper Engineering Associates. During the other years, I worked as a cashier at the Gourmet Bagger.

#### What rotations have you had as a PDP?

Thus far, I have rotated through Safety, Contracts, Rigging, Steel SOC 1&2, PMO, Facilities, Planning, SCM, T&T Label Shop, and am currently in Repair working on the Burke-class guided-missile destroyer USS *Pinckney* (DDG 91).

#### What have you learned as a PDP?

The most important thing I believe I have gained from the PDP program thus far has been the ability to see the business from a bird's eye view. I have had the opportunity to follow up on issues across multiple departments. As a result, it has been very enlightening having the chance to understand these issues from each of their respective points of view. There are always factors that affect a given situation that are not obvious to one group because it is outside of their purview, but are nonetheless critical to the overall end goal. This is why interdepartmental communication and cooperation are so fundamental to the success of a business.



## Phillip Brandon

### When did you start at NASSCO?

I started at NASSCO back in 2019 as a forklift operator for the Transportation Department. At the time, I was lucky enough to have the first ships I worked

on be my favorite for each side of the business. So far, the Expeditionary Sea Base (ESB) ship USS *Miguel Keith* (ESB 5) is in New Construction, and the amphibious assault ship USS *Bonhomme Richard* (LHD 6) is on the Repair side.

#### What brought you to NASSCO?

I came to NASSCO because of my background in vocational education as a welder and my experience as an equipment operator, but most importantly, for the opportunity to learn and grow as a professional.

#### What degree do you have and where did you go to school?

I am currently pursuing a Bachelor of Science in Homeland Security and Emergency Management at National University with the help of NASSCO's partnership with the school.

#### What were your previous jobs prior to NASSCO?

Before coming over to NASSCO, I worked for ABC Supply Company with a wide range of responsibilities – including rigging, equipment operation, and job site logistics coordination for roofing material delivery.

#### What rotations have you had as a PDP?

So far, I have spent time in most of the major aspects of the business. I have spent time with departments like Contracts, Program Management, and Cost Engineering learning about the processes before the ships are built; in departments like Repair, Test & Trials, and On-Block Management, learning about the processes while the ships are under construction; and departments like Safety, Rigging, and Waterfront Services who support the construction of the ships at all stages.

#### What have you learned as a PDP?

The most valuable thing I have learned as a PDP is how much each individual matters to the ultimate goal of getting a ship built and how important it is to make meaningful connections with everyone I meet as I head into each rotation.



### Jackson Steiner

When did you start at NASSCO?
I started at NASSCO on July 12, 2021.

### What brought you to NASSCO?

I came to NASSCO for

the opportunity to be part of a team bigger than myself in the maritime industry. NASSCO's long history of shipbuilding on the West Coast is something I am now proud to say that I am a part of.

#### What degree do you have and where did you go to school?

I received a Bachelor of Science in Maritime Transportation and Logistics from the United States Merchant Marine Academy. Additionally, I graduated with my U.S. Coast Guard Unlimited Tonnage Third Mate's License and a commission in the Naval Reserves.

#### What were your previous jobs prior to NASSCO?

Prior to NASSCO, I worked onboard the vehicle carrier American Roll-On Roll-Off Carrier Endurance and the cable ship Global Sentinel as a cadet. Working onboard commercial ships is a unique experience that has helped me understand and adapt to NASSCO's unique working environment.

#### What rotations have you had as a PDP?

I have been through Safety, Rigging, Engineering, Test & Trials, Supply Chain Management, OPC/SPC, Planning, PMO, Ship's Management (SOC 6), and I am currently in Repair.

#### What have you learned as a PDP?

I have learned a lot so far during my time as a PDP, but a few important lessons have stuck out to me. First, no matter how much you think you know, you can always learn more. In every department I have rotated through, it seems like there is a never-ending amount of information to learn from every individual in that department. Maintaining the attitude of always pushing to learn as much as I can, has helped me get the most out of my rotations.

Additionally, I have learned that nobody can build a ship on their own. It takes everyone at NASSCO, from Mission Valley, Bldg. 1, to everyone throughout the entire yard, to accomplish what we do here. Remembering that we need every person from start to finish is another very important lesson I have learned.



# DeMarco Sampson

When did you start at NASS-CO?

My first day was September 20, 2021.

What brought you to NASSCO?

The pandemic opened my

eyes, showing me that I needed to start a solid career and grow professionally, so NASSCO was my first choice to start exploring options.

#### What degree do you have and where did you go to school?

I attended San Diego State University, where I double majored in Social Sciences and Africana Studies.

#### What were your previous jobs prior to NASSCO?

Before coming to NASSCO, I held several different jobs and titles at local schools. I was a Teaching Assistant, Instructional Healthcare Assistant, Substitute Teacher, and Campus Assistant.

#### What rotations have you had as a PDP?

So far, I have been through seven rotations. I have been through Repair, Engineering, Facilities/Maintenance, Steel SOC 6, Safety, Contracts, and I am currently in Test & Trials.

#### What have you learned as a PDP?

During the first half of my PDP rotations, I have learned that treating people with respect and professionalism goes a lot further than being strict and overbearing. The objective is to finish assignments on time or early. Most of the time, if people are treated with respect, we work twice as hard.

# LEARN

# 2022 Journeyman Promotions: January - May

#### **AUTHOR:**

Michael Jury, Assistant Manager Operations Training, San Diego

# Congratulations!

#### **ELECTRICIAN 6**

Furlan, Juan Carlos Arreola, Andrew Arturo Aguilar Jr., Vincent Villarreal, Vernardo Salazar, Sara C. Gonzalez, Gustavo Javier Moreno-Munar, Diego A. Alvarez Cruz, Juan Ricardo Dill, Bryson Phillip Moreno Pena, Marco Vinicio Vargas Jr, Edgar Alberto

Cornejo Aranda, Sergio H. Merigo Morales, Josue Macaraig, Noel Dabu Ronquillo, Randolph Quiben Salinas-Reyes, Jose Juan

Montes, Ricardo

Najera Rubio, Carlos Toledo, Steven Andrew

Tolin, Catherine Kellie

Criollos, Fernando Manuel

Vargas Nava, Angel Enrique Rivera, Anthony Cecil

Estrada Jr., Alfonso

Rosales, Angel A.

#### OUTSIDE MACHINIST 6

Jaques, David J.

#### FITTER/SHIP 6

Villegas, Isaias Fernando Valencia, Edson Alfredo Oropeza, Danny Joseph Vargas, Edgar Allan Barragan, Santiago Enrique Villa Anaya, Joseph Martin Serrano, Gino Antonio Ayers, Jeremiah Christopher

#### PAINTER 6

Torres, Christal Marie Villamar, Reyes Alejandro Ramirez, Arthur Gabriel Paredes, Alfred Jauregui Sierra, Rocio Juarez, Mariely Cerda, Gloria

#### PIPEFITTER 6

Lopez, Yanelly Romo, Rosa Antoine, Adrian Darris Urteaga, Francisco Javier Ramos, Miguel Armando Vazquez-Rubio, Christopher Angel Angel, Vidal Fernando Lopez, Elvira Martinez, Miguel Angel Larios Ochoa, Jaime Alejandro Leon, Luis Fernando

Maldonado Pinedo, Alejandro

#### FITTER/SHEETMETAL 6

Lozano-Torres, Gabriel Alcazar, Charles David Del Rosario Langarica, Edwin Anthony Carrera Bello, Alejandro Lizarraga, Miguel Cesena, Angel Louis

#### PIPE WELDER 6

Murillo Velez, Ernesto G Martinez, Raul Castro, Luis Avdel Thomas, Harvey Tyrell Ramos Duarte, Jose Angel Roa, Gabriel

#### WELDER 6

Arriaga Moreno, Roberto Avila Jr., Ricardo Antonio Camarena, Roberto Enrique Morales, Stephanie Sanchez Jr., Ariel Noe Quiroz, Benjamin Mendoza, Omar Lee Gonzalez Ortega, Miguel Loeurm, Samnang Cabrera, Hector Cuellar, Abisai

#### **METAL** OUTFITTER 6

Raygoza-Enriquez, Hugo Arcadio



National University is proud to partner with General Dynamics NASSCO to extend a tuition rate offer of \$7,500\* per year to employees looking to expand their knowledge and skills for professional and personal growth. Additionally, your spouses and dependents are also eligible for a 15% **Tuition Reduction Scholarship.** 

Are you looking to utilize military or veteran benefits at National University? Join our upcoming webinar to learn more about accessing and using your military and veteran benefits.

#### **Why Choose National University?**

- 75+ Degree Programs: Career-focused associate, bachelor's, and master's degrees, plus certificate and credential programs.
- Adult Focused for 50 Years: Earn your degree at home, on base, and abroad with four-week classes designed for working professionals.
- Veteran-Founded Nonprofit: National University is a militaryfriendly Yellow Ribbon school offering dedicated advisors, support services, and a network of more than 185,000 alumni worldwide.
- Regionally Accredited: WASC Senior College and University Commission (WSCUC) accreditation means your education meets high standards and is transferable.

#### **Topics**

- · Accessing Benefits
- Military & Veteran Benefits
- Benefits for Spouses & Dependents
- National University Scholarships
- Degree Programs

#### **Online Information Session**

• Tuesday, May 31st at 11am PST

#### **REGISTER TODAY**



#### GENERAL DYNAMICS NASSCO **EMPLOYEE SCHOLARSHIP**

nu.edu/generaldynamics **Ouestions? Contact us today** 

WESCorp@nu.edu

\* Employees will receive tuition at the rate of \$750.00 per class for 10 courses. The student's 11th and 12th course will be charged the standard tuition rate. The scholarship resets after completion of the 12th course





© 2022 National University FY22-NU-436738

# Tuition Reimbursement Corner: New Contact Alert!

AUTHOR: Jennifer Mendez, Executive Assistant, San Diego

Tuition reimbursement at NASSCO-San Diego has a new email that you may send packets to or email with questions: tuition.reimbursement@nassco.com. If you have any questions or concerns regarding your reimbursement, please call (619) 544-8494. Forms are also available in San Diego next to the Payroll Department in Bldg. 1.

NASSCO-Norfolk, Mayport and Bremerton employees may contact Heidi Swinborne at (757) 966-3507 or email hswinborne@nassconorfolk.com.



To learn more about tuition reimbursement, visit the Employee Benefits & Discounts section on the NASSCO website.



### NASSCO offers LinkedIn Learning to all employees!



Thousands of Courses

Custom Learning Paths

Certifications

Available 24/7

NASSCO is committed to offering learning and development opportunities to our employees. All NASSCO employees are eligibile to request access to LinkedIn Learning. We are excited to announce that new this year, it is available in multiple languages, including English, Spanish, Japanese, Portuguese, German, Simplified Chinese, and French.

LinkedIn Learning is an award-winning industry leader in online training, with a digital library of over 6,000 courses covering a wide range of technical, business, software, and creative topics.

LinkedIn Learning is available through SuccessFactors. A LinkedIn personal profile/account is not required. Each employee may request access to LinkedIn Learning, subject to our total number of LinkedIn licenses.

In order to gain access to LinkedIn Learning, a LinkedIn Learning Request form must be filled out and submitted to the Organizational Development department. Request forms can be found in LiveLInk:

Departments | Organizational Development | LinkedIn Learning or can be requested by emailing RMcDonal@nassco.com.

Linked in LEARNING



 $30\,$  summer 2022 the shipbuilder  $31\,$ 

# EMPLOYEE CORNER

# 2022 Ragnar SoCal Relay

**AUTHOR:** NASSCO's Ragnar Team

The NASSCO Ragnar team finished strong at the 2022 Southern California Road Relay. After two years of pandemic delays, much anticipation, and rigorous training (well, for some of us), the team completed the 190.3-mile race in just under 35 hours.

The 12-person team was comprised of past and present employees, from NASSCO-San Diego, NASSCO-Bremerton, and General Dynamics Corporate. Bringing diverse backgrounds and personalities, we developed a camaraderie and support system to get each other through the miles.

The team was comprised of past members Lamont Adams, Juan Figueroa, Damon LaCasella, Frank Lopez, Christine Mueller, Christina Rodriguez, Jessica Skogberg, and new members George Lucas, Dan McKissick, Samim Mehrafar, Doug Shamblen, and Harvey Sherrill.

Together, the group has over 140 combined years of service at NASSCO.



Team Captain Damon LaCasella, who ran the "Ragnar Leg," the section of the race with the most miles and most elevation increase, described the relay as "the toughest event that I can't wait to do this again with the best team ever."

Starting in the pre-dawn hours of Friday, April 29, and concluding the afternoon of Saturday, April 30, Jessica Skogberg, kicked off the race at Petco Park. Jessica loves Ragnar because "it turns running into a team sport – we suffer together and celebrate together."

At exchange points, one runner passed on to the next, relay-style, until each runner completed three sections of the race.

The team ran through San Diego, La Jolla, out to Poway, back to Del Mar, through the night to Solana Beach, Encinitas, Carlsbad, Oceanside, then up to Dana Point, Laguna Niguel, Tustin, and Santa Ana. The final runner, Samim Mehrafar, reached Huntington Beach, where the entire team crossed the finish line together. Samim still wonders why he did this but describes Ragnar as "crazy, but fun."

After 36 runner exchanges, two sunrises, one lost runner, one lost volunteer, one rule violation, sleep deprivation, and awesome PB&Js, the team had an unforgettable experience.

Thanks to NASSCO for sponsoring our Ragnar team. This was an opportunity to bond as a team, represent OneNASSCO, and accomplish something together that we could never do alone.

#### **RUNNER 1**

#### Jessica Skogberg: 13.5 miles

- Initial Design and Naval Architecture Department
- Handled unusual course changes like a pro, loved seeing the sunrise on her first run

#### **RUNNER 2**

#### Lamont Adams: 21 miles

- Transportation Department
- Ragnar is a physical and mental challenge that is "fun, exhilarating, hard, annoying, and fulfilling all at the same time. The trust and confidence the team has in one another is the ultimate."

#### **RUNNER 3**

#### Christine Mueller: 14.7 miles

- Corporate Legal Department
- Traveled from the Washington, D.C. area for the sweet agony of Ragnar

#### **RUNNER 4**

#### Christina Rodriguez: 17 miles

- NASSCO-Bremerton Environmental, Health & Safety Department
- aka "Beastina"
- Passed a runner, a dog, and a baby at the finish line on her last run

#### **RUNNER 5**

#### Juan Figueroa: 16.2 miles

- Master Planning Department
- Conquered a challenging and hilly 9.6-mile leg with lots of support from his teammates (candy from another team's van also helped)
- Passed dogs, a squirrel, and a couple of lizards
- Thinks of his team as family

#### **RUNNER 6**

#### Damon LaCasella: 17.7 miles

- Environmental Engineering Department
- aka "Speed Damon"
- "Sleep is overrated"

#### **RUNNER 7**

#### Dan McKissick: 13.2 miles

- Fire Department
- Went straight from a NASSCO shift to his first run
- Loved the positive team building experience and accomplishment of his first Ragnar relay

#### **RUNNER 8**

#### Frank Lopez: 12.3 miles

- Steel Department SOC 5
- Put the rest of his team in their place by running Ragnar at age 64, including five steep inclines in the noon heat
  Best part: crossing the finish line as a team and getting a medal
  Worst part: trying to find a comfortable sleeping position in the van

#### **RUNNER 9**

#### George Lucas: 13.7 miles

• The only team member with enough energy to compete in games at the finish line celebration

#### **RUNNER 10**

#### Harvey Sherrill: 17.9 miles

- Maintenance Department
- First-time Ragnarian, made it look easy
- "One of the most challenging experiences I've ever had"

#### RUNNER 11

#### Doug Shamblen: 13.7 miles

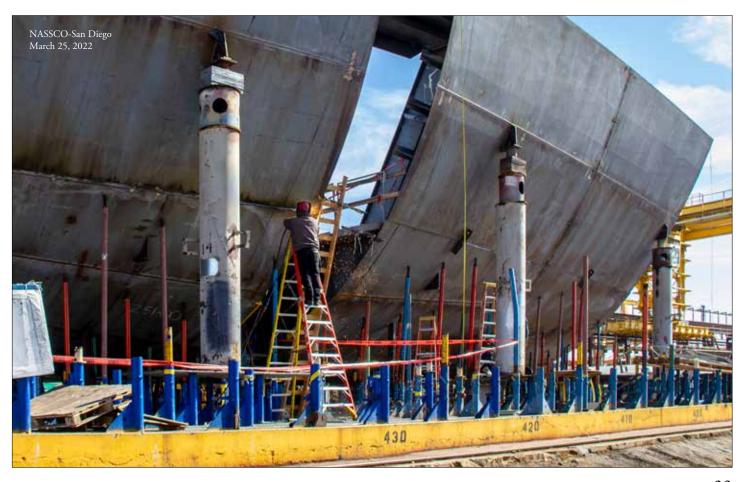
- Facilities Department
- Favorite run: the quiet night leg through
- Loves being part of this fun-loving group of crazy people, plus you never know what people will say or do when they are really tired

#### **RUNNER 12**

#### Samim Mehrafar: 19.4 miles

- Facilities Department
- Was so exhausted after two of his runs that he didn't recognize his team waiting for him at the finish – both times

VOLUNTEERS: Armando Rodriguez, Colton Skogberg, Sean Prince



# Your Mental Health

Matters

#### **SUICIDE**

Suicide is the second leading death for people ages 10-34



#### **SLEEP**

40-50% of individuals with insomnia also have a mental disorder





#### **ANXIETY**

More than 40 million adults in the U.S. (19.1%) have an anxiety



#### **STRESS**

Americans have experienced a depressive phase in the last 12 months



#### **ON FEELING DIFFERENT:** "If you're having a hard time, no matter how big or small it seems, I want to remind

for sharing what you're going through



#### **ON BUILDING SKILLS:**

"I learned skills to help me cope with my emotions. I learned meditation techniques, and how I could most effectively react and respond to [my emotions]. It changed my life."



#### **ON MAKING TIME:**

"My mental health needs dedication space and time. Meditation, journaling practicing gratitude, gardening, listening to a calming playlist and seeing a therapist are things that really make a difference.

**MANAGING** 

**EMOTIONS** 

30% of adults felt



#### ON OPENING UP:

"Depression never discriminates Took me a long time to realize it but the key is to not be afraid to open up. You're not alone."



# Celebrating Women's History Month

















# "WWE Monday Night Raw" Visit



**AUTHOR:** 

James Prosser, Pier Coordinator, Norfolk



On May 16, NASSCO-Norfolk celebrated a visit from four up-and-coming WWE wrestlers for "Monday Night Raw" onboard the amphibious assault ship USS *Iwo Jima* (LHD 7).

This was a planned event hosted by *Iwo Jima's* commanding officer, Capt. Judd Krier, in order to boost the morale of the ship's crew and 20 lucky NASSCO-Norfolk employees. These lucky winners were able to have (one-on-one) conversations and get pictures, including selfies with their own cell phones. Monday Night Raw hasn't been performed in Norfolk within the last 10 years.

Special thanks to Faustino "JoJo" Cruz for personally hand painting all of the wrestler's hardhats to make them feel like they were a part of our NASSCO-Norfolk family. Thank you to Capt. Krier for including your NASSCO-Norfolk team in such a memorable event.



 $36\,$  summer 2022 **the shipbuilder** 



# Employee Spotlight Mirsad Velic, Welder, General Supervisor II

#### **AUTHOR:**

Diane Sloan, Production Support Specialist I, San Diego



More than five thousand miles from the U.S. in a Balkan country called Bosnia Herzegovina, there lived an adventurous young man named Mirsad Velic, known as Velic to his associates and close friends. Velic traveled to the U.S. in the spring of 1994 with his wife Enisa and young son, Adnan. Shortly after he arrived in San Diego, a friend told him about a job opening up at NASSCO.

It was no accident that Velic found his way to NASSCO. But before he could apply for the job, he had to learn how to read, write, and speak English. The Miramar College campus was where Velic enrolled in English as a Second Language course. He studied hard, sometimes attending class three times a day. He had no desire to return to Bosnia, so it was imperative that he learn English as quickly as possible.

Initially, Velic was hired by the New Construction department through the Student Welding Program. He devoted four solid years to New Construction and,

in 1999, he was asked to be on loan to the Repair Department temporarily.

Throughout his 27 years at NASSCO, Velic has held various welding positions. He went from being a student welder to a welding instructor to teaching welding after hours to the up and coming. Because of his exceptional skill set, great attitude, desire to succeed, and pure determination, he has been able to move up through the ranks. Velic is now a General Supervisor II with the Welding Trades at the shipyard.

Velic's journey with NASSCO has been inspiring and successful. He has an excellent work ethic, is 100% committed to his crew, and is very proud of the outstanding work they do as a team. His communication style is open and honest, and he believes this, along with his daily displays of strong leadership, produces favorable results. Through the years, he gained vast amounts of shipbuilding knowledge. He continues to be enthusiastic about everything and everyone on the repair team. He says the

steady abundance of work with the various ships that are contracted through Repair can sometimes be challenging, but that he is up for every challenging opportunity he faces.

After putting in a hard day's work, you can find Velic spending time with his family—his daughter Aila, who was born in 1998, his eight-year-old grandson Eli, who keeps his spirits lifted, and his spoiled Maltipoo puppy. He discovered after arriving in San Diego that he loves Mexican food. His hobbies change with age. He currently likes playing soccer, paddle boarding, running, and an easy hike.

Word of mouth is a powerful tool. General Dynamics has a strong reputation throughout the local community and the world. This reputation empowers people who are enthusiastic and engaged to learn a new trade or sharpen their skills in the niche world of shipbuilding.

# NASSCO-San Diego Employees Win First Place in





# Women in Ship Repair Network

#### AUTHOR:

Ali Broemeling, Learning and Development Supervisor, Norfolk



On February 4, NASSCO-Norfolk held their Women in Ship Repair Network (WISR) inaugural event. WISR seeks to improve retention of women in the workforce by providing opportunities for networking and career growth.

At the inaugural event, WISR Network Co-Sponsor Nicole Ibinson spoke about the importance of "creating a space for women to come together to share their workplace experiences, because in many of the shops where women work, they are the only woman."

Creating relationships with other women provides a sense of community within the workplace and provides WISR Network members with the opportunity to foster cross-departmental connections that may support their long-term career goals within NASSCO.

WISR is co-sponsored by Nicole Ibinson, Engineering, and Ali Broemeling, Production, but the network is able to maintain its momentum and engagement because of our strong volunteer base. From creating and distributing event flyers to contributing to and editing our newsletters and event-day set up and clean up, our volunteer base is the driving force behind the success of this initiative.

WISR meetings often begin by featuring a network member who tells the group a little about their career path, the work they currently do within our company and often impart some really insightful life lessons. In addition to speakers from within the Network, WISR events have featured networking games, a stress management workshop, and a personal finance workshop.

For Women's History Month, NASSCO-Norfolk General Manager Kevin Terry kicked off the March 4 event by highlighting the strength and contributions of women in his personal and professional life.

A group of WISR volunteers researched and presented the stories of several fascinating women from history whose contributions helped shape our modern lives. The presentations included Mary Lacy, Alice H. Parker, and Emily Warren Roebling. The volunteers also highlighted Gladys Theus, Lou Annie Charles, Josie Dunn, Geraldine Hoff Doyle, and Naomi Parker Fraley, whose work and likenesses inspired the World War II icon Rosie the Riveter.



 $38\,$  summer 2022 **The Shipbuilder** 



# **Excelencia TIMSA** 2022

#### **AUTHOR:**

TIMSA Communications, Mexicali

TIMSA presented the 2022 Excellence Awards. This annual recognition is given to employees who were voted by their peers to have demonstrated an exceptional performance in meeting goals in their work areas.

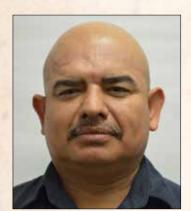
#### Awards were presented in seven categories:

- Welder of the Year
- Best Performance Support Areas
- Rookie of the Year Production Safety Champion
- Best Performance Production
- Supervisor of the Year
- Rookie of the Year Support

This year, 47 candidates from all areas were nominated for these awards. Twenty-one made it to the finals, and there were seven winners.

We at TIMSA are very proud of the high level of commitment and dedication shown by each one of our people.

Congratulations to all the candidates, finalists, and winners for this important achievement, and a big thank you for the outstanding contributions to the TIMSA team.



Daniel Camargo Sánchez Area: Pipe Shop Mediur Welder of the Year 2022



Juan Carlos Palomino Gómez Area: Cutting Area Best Performance – Production 2022



Beatriz Rios Corrales Area: Payroll Department Best Performance – Support Areas 2022



Diego Navarro Molina Supervisor of the Year 2022



Sergio Enrique Casillas López Rookie of the Year – Production 2022



Jorge Castañon Castañeda Rookie of the Year – Support 2022



Raul Merino Cañez Area: Wet Paint Safety Champion

"Pride in our work and in our people."

# NASSCO-San Diego's 2022 Dependent Scholarship Winners

#### **AUTHOR:**

NASSCO Communications



Congratulations to this year's Dependent Scholarship recipients, Sara Snyder and Iancarlo Flores!

Each year, General Dynamics NASSCO-San Diego awards two scholarships to the dependent children

> of active hourly and salaried NASSCO-San Diego employees. Recipients are eligible to receive \$2,000 per school year. Each scholarship is renewable for three consecutive years and capped at \$8,000 per recipient.

Sara plans to pursue a Geography degree at Cal Poly Pomona. Sara's father, Christopher Snyder, is an Instrumentation Tech in the Electrical Department.

Iancarlo plans to pursue a Business Administration degree at UC Irvine. Iancarlo's father, Jesus S. Flores, is a Senior Estimator for New Construction in the Cost Engineering Department.



# NASSCO-San Diego Celebrates Military Appreciation Month

#### **AUTHOR:**

**NASSCO Communications** 

Congratulations to Tammy Miller, Manager, Guaranty and Alan Higgins, Forklift Operator, who participated in our Military Appreciation Month raffle and won Padres baseball tickets.









































# When In Doubt, Please Reach Out **Preventing Harassment** in the Workplace

#### **AUTHOR:**

Nathan Doherty, Supervisor Labor Relations, San Diego

The morale, well-being, and productivity of our employees are the cornerstones of OneNASSCO, and we are committed to providing a harassment-free environment. This commitment extends to employees, subcontractors, vendors, visitors, and anyone who has business with NASSCO.

NASSCO is devoted to being a welcoming environment for everyone and encompassing a harassment-free workplace. NASSCO's policy prohibits harassment based upon race, color, religion or religious creed, citizenship, marital status, age, national origin, ancestry, physical or mental disability status, medical condition, sexual orientation, military and veteran status, sex (which includes pregnancy, childbirth, or related medical conditions), gender, gender identity, gender expression, genetic information, or any other basis protected by federal, state or local law, ordinance or regulation. All such harassment is unlawful, violates company policy, and will not be tolerated.

Actions can be considered harassment even if claimed to be "just a joke" or if the behavior was not intended to be offensive. We must all be aware of the impact our actions have on others.

Examples of prohibited harassment include, but are not limited to: physical or verbal abuse, including jokes, slurs or other derogatory comments or actions that demean an individual or group of individuals; unwelcome touching, as well as any lewd, vulgar, or sexually suggestive gestures, comments or propositions whether verbal or in writing; and visual conduct, such as leering, making sexual gestures and displaying or posting sexually suggestive objects or pictures, cartoons or posters.

NASSCO also prohibits any unwelcome verbal, physical, and/or visual conduct that creates an intimidating, offensive, or hostile working environment or interferes with work performance.

We understand that this topic can be a difficult subject for people to discuss. However, Human Resources is here to help, and NASSCO encourages reporting any incidents of harassment immediately. Employees who believe they have been harassed or have witnessed harassment should reach out for assistance. You can contact your immediate supervisor/manager, NASSCO's Employee Relations Office at EmployeRelations@nassco.com, or the General Dynamics Ethics Hotline at (800) 433-8422.

> Please do not keep this to yourself. When in doubt, please reach out!



NASSCO

# NASSCO-San Diego Celebrates Diversity



# NASSCO-Norfolk Launches Veterans Resource Group

AUTHOR: Stephen A. Reamy, Talent Acquisition Manager, Norfolk

General Dynamics NASSCO-Norfolk is proud to announce the launch of its resource group for veterans: Veterans in Ship Repair (VISR). The purpose of VISR is to promote greater veterans awareness within the NASSCO-Norfolk workforce. VISR will accomplish this by creating networking opportunities, improving camaraderie among veterans in the workforce, and facilitating mentorship and career growth, with the desired outcome of enhancing NASSCO-Norfolk as the employer of choice for veterans looking for careers in the ship repair industry.

On May 9, VISR hosted its kick-off event. In his initial remarks to the group, NASSCO-Norfolk General Manager Kevin Terry shared that 19.1% of NASSCO-Norfolk's workforce has served in one of the branches of the U.S.

Armed Forces and challenged VISR attendees that we can do even better.

Participants cited a more proactive DoD Skillbridge program and improved quality of life measures for active duty Sailors aboard ships in the NASSCO-Norfolk facility as ways to achieve this goal. The challenge is taking these ideas and making them a reality, and VISR's goal is to meet that challenge head-on.

In the coming months, VISR looks to build upon its successful launch and work toward its goal to enhance the NASSCO workplace. With a veteran-

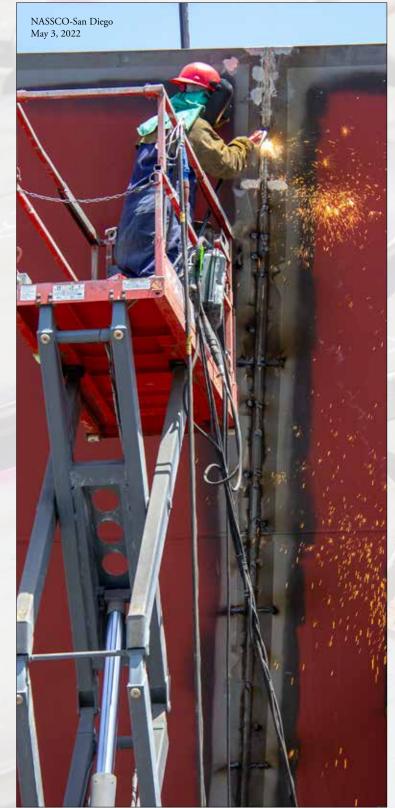
friendly employer and the motivation of so many veterans across the workforce, the possibilities have no limits.

# Text "NASSCO" to (877) 789-8398



# SPOTTED

IN THE YARD

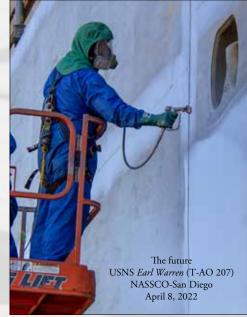














# IN THE COMMUNITY

# Virginia Ship Repair Foundation 2021 Outstanding Volunteer

AUTHOR: Nicole Ibinson, Engineer, Norfolk

The Virginia Ship Repair Foundation Board named Ali Broemeling their 2021 Outstanding Volunteer for her service in support of the Foundation's goals. Ali's nomination was based on her regional advocacy work to increase the ship repair industry's visibility in underserved communities and the diversity of the future candidate pipeline. She did this by conducting outreach providing information on careers within the ship repair industry to career services representatives at many community organizations, as well as partnering with the Virginia Ship Repair Association on the Women in Skilled Careers program.

Prior to joining the NASSCO-Norfolk team, Ali served as program coordinator for Women in Skilled Careers, a Department of Labor-funded grant to recruit and train women who are living at or below the poverty line, survivors of domestic violence, and/or unhoused for entry-level trade positions within the ship repair industry.



The Virginia Ship Repair Association was a critical partner in the success of Women

in Skilled Careers, providing training, industry familiarization, and employer engagement for program participants. In this capacity, Ali promoted the Virginia Ship Repair Association's regional workforce development efforts and best practices at a U.S. Department of Labor, Women's Bureau panel discussion about women in the trades.

Ali currently sits on Virginia Ship Repair Foundation's Workforce Development Committee and represented the Virginia Ship Repair Association during the Nauticus' World Maritime Day event.

Ali joined the NASSCO-Norfolk team in May of 2021 to use her passion for people and the ship repair industry to grow our internal trade training program. She currently serves as co-sponsor of NASSCO-Norfolk's Women in Ship Repair Network. She holds a Master of Business Administration and also volunteers with the Hampton Roads Military Spouse Professional Network.

# NASSCO-San Diego Hosts Pit Stop for SANDAG's Bike to Work Day

AUTHOR: Sierra Landaiche, Environmental Engineer, San Diego



NASSCO employees joined thousands of cyclists throughout San Diego County for Bike to Work Day on May 19. To show support for people who chose the environmentally-friendly commute option, NASSCO volunteers hosted a Harbor Drive "Pit Stop."

Sixty-eight employees and community members stopped at NASSCO's Pit Stop, where volunteers supplied snacks, water, giveaways, assistance, and encouragement to participants traveling from the South Bay into downtown. Thank you to Café Moto for sponsoring water and coffee for the cyclists!

# NASSCO-San Diego's Fire Department Collects Donations for Annual "Fill the Boot" Drive

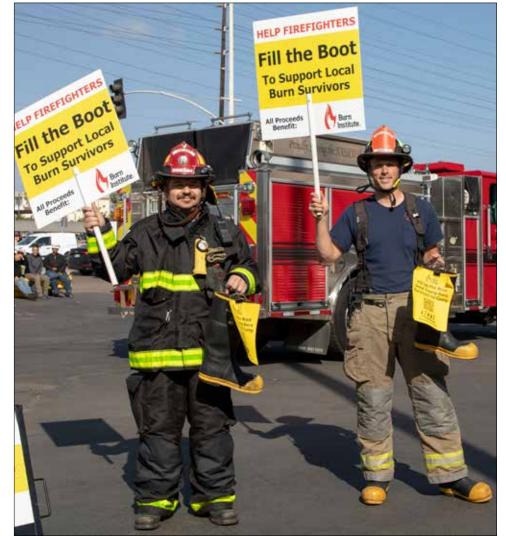
#### **AUTHOR:**

NASSCO Communications

NASSCO Firefighters raised \$1,930 as part of the annual "Fill the Boot" Drive for the Burn Institute from our employees and drivers passing the shipyard on March 10. Proceeds from the funds raised support burn survivor services, including "Camp Beyond the Scars" for burn-injured children ages five to seventeen and other fire and burn prevention educational activities.

This is the 12th year NASSCO's Fire Department has participated in the countywide event. The Burn Institute is a nonprofit health agency dedicated to reducing the number of burn injuries and deaths and to supporting children and adults coping with the devastating psychological and physical effects of their injuries. Thank you to all who donated!









48 summer 2022 **The Shipbuilder** 

# **LEGO Competition**

AUTHOR: Ryan Chrisom, Area Manager I, Norfolk



Students from Blair Middle School won 2nd place in this year's competition with support from NASSCO-Norfolk technical advisors

This year marked the 16th annual Virginia Ship Repair Foundation (VSRF) LEGO competition. The VSRF serves as an educational branch of the Virginia Ship Repair Association that aims to train and provide awareness of the Ship Repair industry to the greater Virginia Waterfront community.

Each year, they host the VSRF LEGO Competition, which uses simulated ship repair projects and LEGO CAD software to increase technical skills and ship knowledge in local middle schools.

Multiple employees of NASSCO-Norfolk took part in this year's competition as Technical Advisors and event volunteers, providing indepth knowledge of ship repair as mentors to individual middle schools. These Technical Advisors were able to provide insight to these students in the Ship Repair field, helping them gain a deeper knowledge of software design and other technical skills.

NASSCO-Norfolk continues to be a proud partner of the Virginia Ship Repair Association and aims to prepare the next generation with the knowledge they need to succeed in any technical field.



Birth Announcement



#### ALYNA SOLEIL RODRIGUEZ REYES

Born: February 2, 2022

#### NASSCO Relation: Adam Rodriguez, Father, Material Estimator, San Diego





Safe and effective COVID-19 vaccines are available and free for everyone!

COVID-19
VACCINE!

GENERAL DYNAMICS
NASSCO

# RECENT NASSCO-SAN DIEGO VISITORS





1. Rep. Ruben Gallego January 27, 2022

2. Suzanne Reifman 3. Adm. Mike Gilday General Dynamics HQ Assistant Gen Counsel & Director February 20, 2022

U.S. Chief of Naval Operations February 17, 2022





4. Brig. Gen. Jason L. Morris Commanding General of Marine Corps Recruit Depot, San Diego (MCRD) and the Western Recruiting Region April 26, 2022

**5. Palomar City College** May 18, 2022



#### Sergio Acosta Supervisor Trades Training April 1, 2022

NASSCO-San Diego

John Anderson Senior Director of Business Operations March 11, 2022

NASSCO-Norfolk

Ronald Baird Drydock Mechanic J4 January 17, 2022

NASSCO-Norfolk

Michael J. Bourgoyne Supervisor Network Admin January 28, 2022 NASSCO-San Diego

Carlos Cabrera

Supervisor Production February 16, 2022 NASSCO-San Diego

Manager Engineering Operations Control

March 4, 2022 NASSCO-San Diego

### Retirees

Kelly S. Dobbins General Supervisor II December 23, 2021 NASSCO-San Diego

Roberto Flores Painter Wkg Frmn May 27, 2022 NASSCO-San Diego

Peter S. George Electrician February 9, 2022 NASSCO-San Diego

Jose R. Hernandez Waysman A December 23, 2021 NASSCO-San Diego

Mary Ellen Kelly Hopkins
Accounting Assistant
April 18, 2022
NASSCO-San Diego

Rommel Fabian Javie Rigger Ldmn May 19, 2022 NASSCO-San Diego Timothy N. Johnson Director T&T and Guarantee April 29, 2022 NASSCO-San Diego

Joseph Lamadrid Material Chaser January 5, 2022 NASSCO-San Diego

Grant Brian Larsen Senior Supervisor Engineering May 4, 2022 NASSCO-San Diego

Alfonso Mendoza Fitter/Ship May 6, 2022 NASSCO-San Diego

Brenda Ann Meredith Manager Program Controls January 5, 2022 NASSCO-San Diego

Agustin Ontiveros Munoz Waysman A January 31, 2022 NASSCO-San Diego Leo O. Nava Design Specialist February 4, 2022 NASSCO-San Diego

Christopher Obery
Director of Financial Reporting,
Compliance, and Government Liaison
April 1, 2022
NASSCO-Norfolk

Heekwang Park Production Engineering Special March 31, 2022 NASSCO-San Diego

Theodore Peterson
Estimating Supervisor
January 7, 2022
NASSCO-Norfolk

Kenneth Clinton Potts Jr. Senior Design Specialist January 28, 2022 NASSCO-San Diego

> ompong Pundhsingh Welding Maint Person May 27, 2022

Virgilio F. Ramos Pipe Welder January 31, 2022 NASSCO-San Diego

Avelino J. Tanega Electrical Tech December 15, 2021 NASSCO-San Diego

James Thom Senior Buyer April 1, 2022 NASSCO-Norfolk

John Thomas Sheet Metal Mechanic J4 March 18, 2022 NASSCO-Norfolk

Roke Torres
Planner/Estimator
April 2, 2022
NASSCO-Bremerton

Pedro L. Saldana Waysman A January 5, 2022 NASSCO-San Diego Stephen B. Severs Program Manager Repair March 17, 2022 NASSCO-San Diego

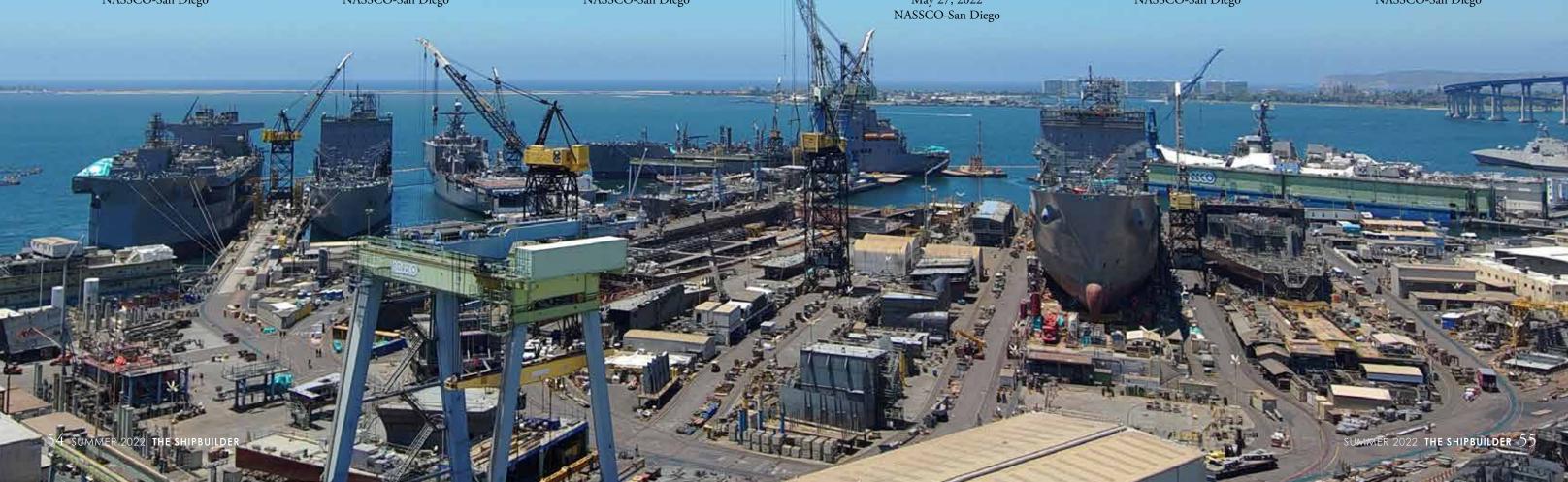
Brenda Eliza Shaw Safety Support Analyst January 21, 2022 NASSCO-San Diego

Stephen Solomon VP Human Resources March 3, 2022 NASSCO-San Diego

Emily Shu-Hua Tu Senior Analyst/Programmer (PT) April 4, 2022 NASSCO-San Diego

Thomas S. Wetherald Director Marketing & Strategic Planning April 14, 2022 NASSCO-San Diego

> Paul E. Young Jr. Supervisor Production March 7, 2022 NASSCO-San Diego



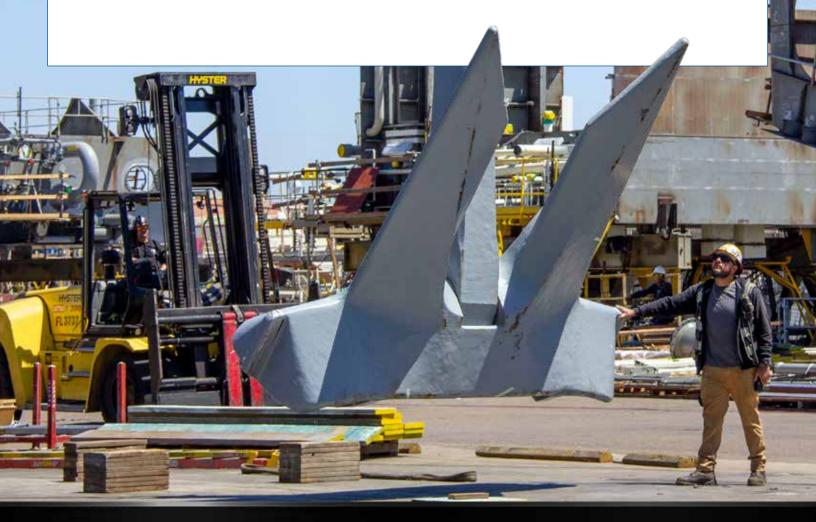
#### **GENERAL DYNAMICS**

**NASSCO** 

2798 East Harbor Drive San Diego, CA 92113



### PLEASE DELIVER TO:



#### THE SHIPBUILDER CONTENT SUBMISSION

The Shipbuilder is a magazine written for shipbuilders, by shipbuilders.

To submit an idea or an article for an upcoming edition, please email communications@nassco.com.

- in linkedin.com/company/nassco
- facebook.com/generaldynamicsnassco
- ☑ instagram.com/gd\_nassco
- witter.com/gdnassco
- youtube.com/generaldynamicsnassco
- •• flickr.com/photos/generaldynamicsnassco