

THE SHIPBUILDER

WINTER 2017 • NASSCO.COM



NASSCO Christens USNS Hershel "Woody" Williams
October 21, 2017 • See more on page 10.



CONTENTS

4 MESSAGE FROM THE HELM

12 SECURE OUR FUTURE

26 EMPLOYEE CORNER

6 DEPARTMENT SPOTLIGHT

16 CONTINUOUSLY IMPROVE

40 IN THE COMMUNITY

8 PERFORM EVERY DAY

22 BE PREPARED

46 VISITORS

THE SHIPBUILDER

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PRESIDENT’S NOTE

Looking back at 2017, I could not be prouder to be a part of this team and of what we have accomplished working together. This year has been filled with historic firsts in Repair and New Construction and a lot of work in preparing for our future.

2017 marked the completion of our ECO Class tanker program. The ECO Program was historic because, combined with the TOTE containership program, NASSCO delivered 10 ships in just 20 months – the most in our shipyard over that time and the most in the country since World War II.

While the ECO Program challenged all of us and our processes like never before, we are better for it. We have developed and demonstrated new management systems, particularly in steel, that are helping to keep the yard in balance and foster greater communication. We are now seeing improved safety, quality and productivity on every ship we are building. As we move forward and the pace of our work increases,



KEVIN GRANEY
President
General Dynamics NASSCO

those processes will provide us with the recipe for our future success as we sustain our process discipline.

Our ESB Program has helped to sustain us following the completion of the ECO Program and before the start of the Matson and T-AO programs. We are now seeing the benefit of all of the lessons learned we took the time to incorporate following the delivery of ESB 3. ESB 4 testing is ongoing as this issue of The Shipbuilder is

being written and we are well on our way to going to sea on her integrated trials in January – two weeks ahead of schedule. This is a special ship because of its namesake, Woody Williams, and we should be proud to have honored this American Hero with a ship that will bear his legacy for many more years to come. Likewise, ESB 5, the future USNS Miguel Keith, is coming together very quickly with some of the best quality, schedule and cost performance we have ever achieved.

The NASSCO Repair Team has also been incredibly busy in 2017. We made history by being the first private shipyard to conduct simultaneous availabilities on two large-deck amphibious ships – the USS Boxer and the USS Makin Island. Our Repair work is not slowing down, given that the USS Somerset came into the yard three days after USS Boxer left, and highlights how far we have come in working together to accomplish Repair work and New Construction work

within a very small footprint. Some days, it feels like we have more sailors in the yard than we have NASSCO folks—and we should view this as a sign of success.

Our Repair team also accomplished a first-of-a-kind main engine ripout and replacement on USS Fort Worth. In fact, our LCS work had us completing availabilities all over the Far East this year, including Singapore, Guam, Malaysia and Vietnam.

As much as we have accomplished in 2017, we have also spent a lot of time preparing for our future. We recently conducted our “First Cut” ceremony for the Matson Program. We have spent a lot of time planning this project to ensure we incorporate all of the lessons learned from our recent ECO and TOTE programs. To enable our success, we are re-shaping the shipyard for Matson and T-AO by increasing the size of SOC 3. We recently completed a pin jig expansion and will be borrowing some space from SOC 4 to build heavy steel longitudinal girders. We’ve also

made great progress on our new panel line and expect to begin to produce panels for the Matson garage sections and deckhouse in July 2018.

Our T-AO Program is continuing through the engineering and planning process. While much work remains before we begin construction in September of next year, I am convinced the design is our best yet. We are appropriately focused on making the design producible and as high quality as possible. Next year, we will be hiring to build up our Shipbuilding and Repair teams. Training new people is the biggest challenge we face in our business. To make sure we are as prepared as we can be for new members of the NASSCO team, we are developing training facilities and student training material and partnering with outside training organizations. Our Operations and Human Resources teams are working closely to make sure our trainees are as prepared to enter the production environment as possible.

Finally, in closing, I want to thank each of you for your commitment to our business. Shipbuilding and Ship Repair is hard work but it is also unique and particularly rewarding. I can’t think of another product that so positively impacts our nation’s defense or economy. Thanks for being a part of it. Please share my appreciation with your spouses, partners and families. I know from personal experience that we could not do what we do every day without their love and support.

Please accept my warmest wishes for a happy and healthy holiday season and a prosperous 2018.

A handwritten signature in black ink that reads "Kevin M. Graney". The signature is fluid and cursive.

Kevin Graney
President



DEPARTMENT SPOTLIGHT

Fire Department

AUTHOR: Paul Curtis, Fire Chief



What is the role and function of your department?

The role of the NASSCO fire department is to protect life, property and the environment. We train continuously on fires, rescues and medical situations—the things we hope we never run into.

Where is your department/team located?

We are located at Gate 14, the very west end of NASSCO.

Why is your department so critical to the overall company?

We lessen the hazards at NASSCO. The biggest part of our job is prevention and inspections. We prevent fires from happening by setting out fire extinguishers, setting up temporary fire systems and doing our daily inspections. What this does for NASSCO is prevent fires. If there is a fire, we have extinguishers throughout the shipyard on ships and in the buildings.

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

Our daily job is looking for anything that could potentially start a fire. A typical day for our department is inspecting ships and buildings for fire code violations or hazards. We try to correct them as we find them. We just look out for the employees.

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

I've been chief for eight years and since the beginning I've set a goal to have all our firefighters trained up to a California Fire Fighter One level. That's the same for every fire department, and I want to be sure we are trained up to the best we can be to provide the best service for NASSCO.

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?

Everything we do is about safety. Whether it's the fire prevention inspections, inspections on ships or providing fire extinguishers for employees, it's all part of the total safety culture at NASSCO.

Is there anything else you would like to add?

Collaboration is big, whether it's with the Navy, Fish and Wildlife, San Diego Police or San Diego Fire. Every time a repair ship comes into NASSCO, we do an integrated fire drill with the team on the ship, which means we work with Navy personnel on a simulated fire to see how we would interact prior to a real emergency. The City of San Diego has Fire Station 7, which is about a mile and a half away. We deal with them on medical calls, and they come in on occasion to see the layout of the shipyard, so they are prepared prior to arriving. Collaboration is a big part of the job.



NASSCO firefighters run a drill to practice rescuing someone from a confined space, such as a wrecked vehicle.



WATCH:
Fire Department Spotlight Video!
vimeo.com/generaldynamicnassco

PERFORM EVERY DAY

LCS Forward Deployed Operations: USS Coronado LCS-4 Maiden Deployment

AUTHOR: Zachary Walters, Ship Manager

NASSCO recently supported the USS Coronado's maiden deployment to Southeast Asia. The USS Coronado is returning home after an 18-month deployment in which the ship and her crew worked with 16 partner navies, participated in 11 multilateral and bilateral exercises, and made 10 strategic port visits. For the duration of the Coronado's deployment, NASSCO provided and coordinated all contractor requirements for both corrective and preventative maintenance for the Sea Frame and Combat/Mission Systems. NASSCO's ability to sustain the ship and her combat systems played a crucial role in the ship's ability to operate and maintain presence in the region.

The Maintenance Team traveled to numerous foreign ports to conduct maintenance on the LCS-4, including Vietnam, Malaysia, Guam, Thailand, Jakarta and the Philippines. Up to 160 different NASSCO employees logged approximately 9,800 hours of travel in support of the Coronado's needs. These exotic locations presented multiple challenges to the Fly Away

and Logistics teams, but NASSCO made great strides in our ability to react to these forward deployed needs and successfully provided personnel and material where needed, no matter the location.

The preventative maintenance scope included upkeep of the ship's machinery, equipment and electronics from stem to stern and keel to mast. NASSCO mechanics, team members and subcontractors accomplished more than 6,400 preventative maintenance work orders to keep the ship operating as designed.

The NASSCO team accomplished extensive repairs and maintenance across all disciplines. The On Site Team based in Singapore, augmented by the Fly Away teams, Original Equipment Manufacturers (OEM), Team members and Subcontractors, provided troubleshooting services, and executed complex repairs that would normally be reserved for a home port. Work accomplished included waterborne



NASSCO executed the RAV 3 4 maintenance availability at Changi Naval Base in Singapore. The maintenance period lasted three weeks and involved a team of 136 people made up of NASSCO personnel, GDMS techs, Original Equipment Manufacturers, US and local Subcontractors. This was one of three major maintenance periods during the Coronado's deployment. The NASSCO Maintenance team is joined by LCSRON and the Ship's Officers.

shafting repair, main engine repairs, hydraulic prime mover engine crank shaft replacement and top end overhauls, large scale non-skid application, elevator repairs and alignment, structural replacement, crack repair, piping replacement, tank repair, exhaust alignments and steering hydraulics repairs. NASSCO's ability to successfully complete these repairs proved our company's reputation as a world-class ship maintenance and repair activity.

NASSCO's On Site Representative (OSR) Team is comprised of a NASSCO Team Lead, a NASSCO Logistics Lead, a Hull Machinery and Electrical Port Engineer from Duke Marine Engineering Consultants (DMEC), and Combat/Mission Systems Port Engineer from General Dynamics Mission Systems (GDMS). This team is designated to support the needs of the deployed ship and has provided extraordinary technical expertise for the duration of the deployment. The OSRs are the first responders and facilitate reaction to any ship casualty. NASSCO also provides two full-time ship riders from DMEC who have offered invaluable skill and assistance for the crew during their deployment.

GDMS provided a unique capacity to the OSR Team as a Team member and OEM for many of the ship's systems. GDMS provided critical support of combat systems casualties and in many instances eliminated the need for fleet tech assist. This was critical to maximizing combat systems uptime. The GDMS Team also completed 47 work items and 1,459 preventative maintenance work orders. This included six critical 57mm post fire/2,000 round maintenance checks, which were crucial to the success of numerous operations during deployment.

NASSCO's ability to support the forward deployed USS Coronado is a testament to the Repair team's strengths. Mechanics, Engineers, Production Support and Management teams executed quality work under intense schedules to support the ship's operational schedule. The support teams in San Diego's commitment to driving engineering design, fabrication, logistics and administration, and management ensured the production team on the front line was successful.

All those who played a role in sustaining the LCS-4 should be extremely proud of the all the hard work accomplished in support of the USS Coronado's maiden deployment.

WAYS MAN

JESUS CORONADO

ZERO INJURIES

Safety
is a
mentality.

GENERAL DYNAMICS
NASSCO

NASSCO Christens USNS Hershel “Woody” Williams



On Saturday, October 21, General Dynamics NASSCO hosted a christening and naming ceremony for the Navy's newest Expeditionary Sea Base, the USNS Hershel “Woody” Williams (ESB 4).

The ship's namesake, Hershel Woodrow “Woody” Williams, spoke at the ceremony, and his two daughters, Travie Ross and Tracie Ross, officially named and christened

the ship with the traditional break of a champagne bottle alongside the ship. Williams, a retired U. S. Marine, received the Medal of Honor for his actions in the Battle of Iwo Jima during World War II. He is the last surviving recipient of the Medal of Honor from that battle.

Several dignitaries provided remarks at the event, including Sen. Joe Manchin, Major General Eric M. Smith, Commanding General, 1st Marine Division, U.S. Marine Corps; Rear Admiral William J. Galinis, Program Executive Officer, Ships, U.S. Navy; and Vice Admiral Dixon R. Smith, Deputy Chief of Naval Operations for

Fleet Readiness and Logistics, U.S. Navy.

NASSCO President Kevin Graney remarked, “Every day we as shipbuilders and repairers come together to be a part of something much larger than ourselves. The ships we design, construct and maintain serve a mission that is vital to our nation and the defense of freedom. Like every Marine, this ship is adaptable. Like its namesake, this ship is a force multiplier. We could not be more honored and more proud to design, build and soon deliver the USNS Hershel ‘Woody’ Williams.”

USNS Hershel “Woody” Williams is the Navy's second ESB ship. The 784-foot-long ship will serve as a flexible platform to support a variety of missions, including air mine countermeasures, counter-piracy operations, maritime security, and humanitarian missions. The ship will provide accommodations for up to 250 personnel, a 52,000-square-foot flight deck, fuel and equipment storage, and will also support MH-53 and MH-60 helicopters with an option to support MV-22 tilt-rotor aircraft. Currently nearing the end of construction, the ship will be delivered to the U.S. Navy in February 2018.



General Dynamics NASSCO has delivered three ships in the class to the Navy: USNS Montford Point (ESD 1), USNS John Glenn (ESD 2) and USS Lewis B. Puller (ESB 3). USNS Hershel “Woody” Williams (ESB 4) is the fourth ship to be constructed by NASSCO shipbuilders under the program. A fifth ship is currently under construction, with a planned delivery of March 2019, and funding for a sixth ship has passed several Congressional committees.



SECURE OUR FUTURE

Construction on Matson Containership Begins



General Dynamics NASSCO has started construction on a Kanaloa-class containership for Matson Navigation Company, Inc., as part of a two-ship contract.

The 870-foot-long, 3,500 TEU containership design provides the capability to transport containers, automobiles and rolling stock, including trailers. Using proven design standards, the design incorporates liquefied natural gas-capable main and auxiliary engines, which are compliant with Tier III emission requirements. The design accommodates future installation of a LNG fuel gas system.

"We're honored to advance the Matson fleet with two large, modern vessels reflecting the highest standards of design and energy efficiency," said Kevin Graney, president of General Dynamics NASSCO. "The construction we began today, and the contracted work for several additional U.S. Navy ships, require additional manpower at our San

Diego shipyard. NASSCO will soon begin hiring to continue our reputation of delivering high quality ships on schedule."

"These Jones Act-qualified, Kanaloa Class vessels are designed specifically for our Hawaii service, and we're thrilled to partner with NASSCO on their development," said Ron Forest, president of Matson. "The start of construction today has only heightened our excitement to watch these vessels come to life, and we look forward to seeing them serving our customers in the Hawaii trade."

Representatives from NASSCO and Matson gathered in San Diego for a brief ceremony to cut the first pieces of steel, signifying the start of construction for the first of two vessels for Matson. Construction of the first ship is scheduled to be complete in 2019. A second Kanaloa-class containership for Matson will begin construction in 2018 with delivery in 2020.



NASSCO partnered with DSEC Co., Ltd. to provide Matson with state-of-the-art ship design and shipbuilding technologies. For more than a decade, this partnership has produced premium ships for five separate Jones Act owners.

NASSCO serves as the only major shipyard on the West Coast of the United States designing, constructing and repairing ships for the U.S. Navy and commercial customers. In the past decade, NASSCO has delivered more than 30 cutting-edge, ocean-going ships, including the world's first LNG-powered containerships.

For more information about NASSCO, a business unit of General Dynamics (NYSE: GD), visit nassco.com.

For more information about Matson, Inc. visit matson.com.



Keep in Touch!

We want to contact you as soon as we begin recalling and hiring!



Find NASSCO on social media!

Be the first to know about recalls:

Visit nassco.com/update to submit your e-mail address and/or to let us know if your contact information has changed.

GENERAL DYNAMICS
NASSCO

Preparing for RECALL

AUTHOR: Nathan Doherty, Senior Employee Relations Representative

This past February, we began the difficult process in reducing our workforce. Fortunately, the outlook in our yard is now bright. In July, NASSCO began recalling employees, including welders, and we've now recalled all ship fitters. For those employees still awaiting recall, the time out can be difficult and stressful. NASSCO continues to deploy efforts to shorten this time and prepare for new production work. Currently, NASSCO is preparing for additional welder recalls anticipated to begin January 2018. If you are currently on layoff status, please be sure to complete the following steps, and share this information with others awaiting recall.

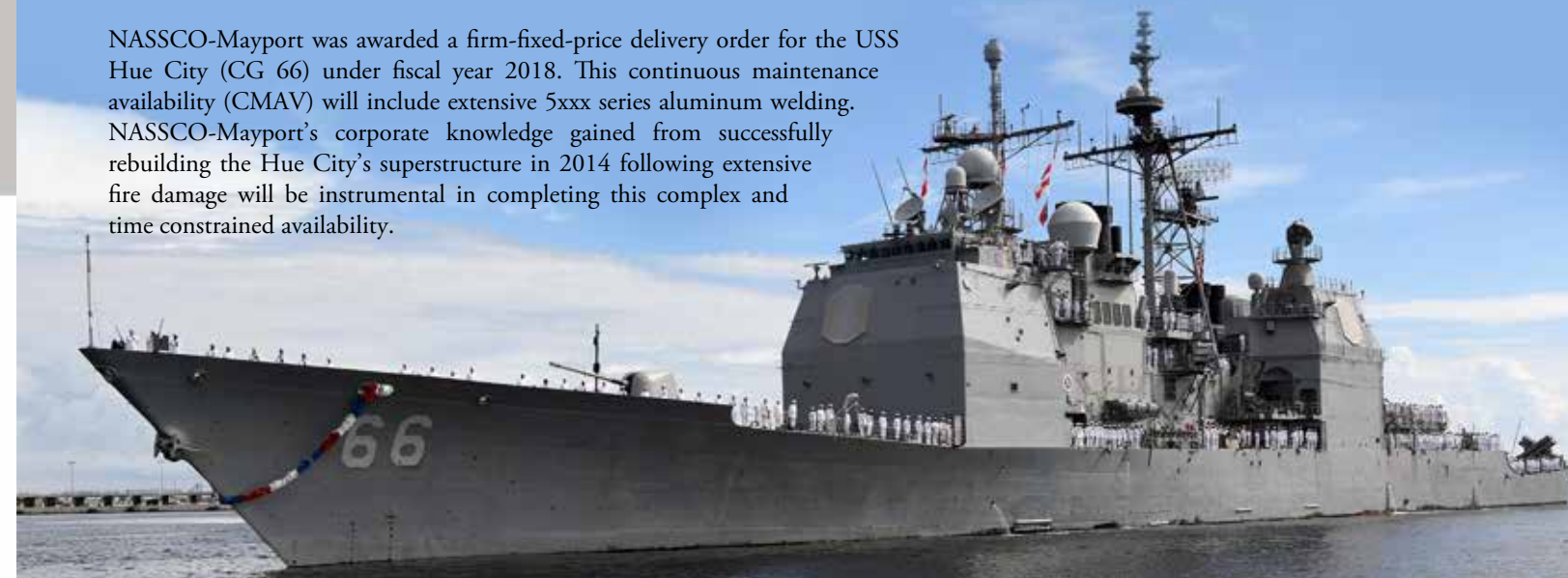
- 1. Check on the status of your welding certifications.** If you have expired certifications, or certifications expiring soon, call the Welding School (619) 544-8788 or Labor Relations (619) 544-8803 to schedule an appointment to update them. Keeping your certification current can make the recall process quicker and get you back to work faster.
- 2. Complete a recall extension.** If you will be in a layoff status for 12 months, in order to remain eligible for recall, you will need to submit a recall extension form. Recall extensions must be submitted by the end of the 11th month after your layoff date. For instance, if you were laid off in February 2017, you must extend your recall rights by January 31, 2018. Please contact Labor Relations at (619) 544-8803 to complete the extension process.
- 3. Update your contact information.** Most importantly, we need to be able to contact you to let you know when work is available. Please let us know if you have a new telephone number or mailing address. You can update your information now on online at <https://nassco.com/careers/update/>

WE KNOW MANY ARE ANXIOUS TO RETURN TO NASSCO. KEEPING IN TOUCH CAN HELP. DON'T HESITATE TO CALL LABOR RELATIONS (619) 544-8803 WITH YOUR QUESTIONS OR CONCERNS.

NASSCO-Mayport Awarded Largest Holiday Continuous Maintenance Availability in Mayport

AUTHOR: Brittany Brogan, Estimator, NASSCO-Mayport

NASSCO-Mayport was awarded a firm-fixed-price delivery order for the USS Hue City (CG 66) under fiscal year 2018. This continuous maintenance availability (CMAV) will include extensive 5xxx series aluminum welding. NASSCO-Mayport's corporate knowledge gained from successfully rebuilding the Hue City's superstructure in 2014 following extensive fire damage will be instrumental in completing this complex and time constrained availability.



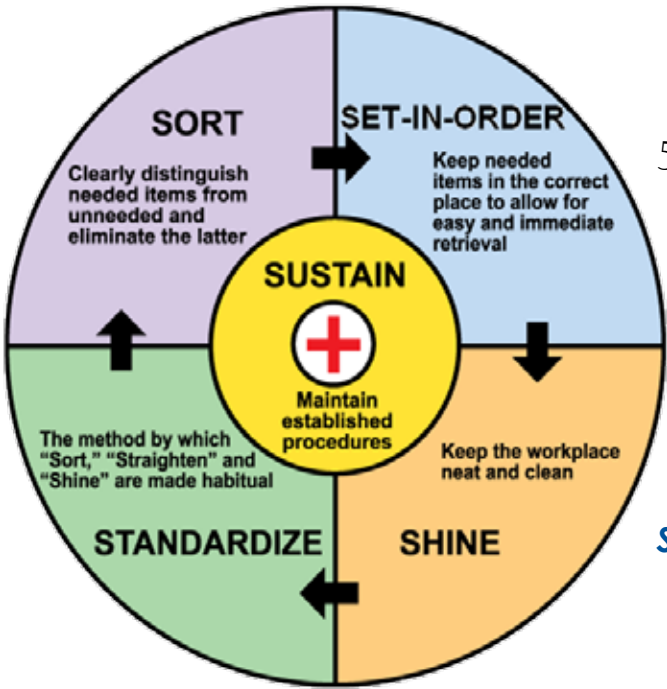
170821-N-JX484-049 JACKSONVILLE, Fla. (Aug.19, 2017) The guided-missile cruiser USS Hue City (CG 66) transits into Naval Station Mayport following a seven-month deployment in support of maritime security operations and theatre security cooperation efforts in the U.S. 5th and 6th Fleet areas of responsibility. (U.S. Navy photo by Petty Officer 2nd Class Mark Andrew Hays/Released)

CONTINUOUSLY IMPROVE

Organize Your Home Using 5S

AUTHOR:

Stephen Murray, Manager of Continuous Improvement



5S IS A CONTINUOUS IMPROVEMENT STRATEGY USED AT NASSCO TO IMPROVE WORKPLACE ORGANIZATION. DO YOU KNOW THAT YOU CAN APPLY THIS STRATEGY AT HOME, TOO?

*5S is the term to describe the 5 constituent elements, which are: **Sort, Set in Order, Shine, Standardize and Sustain***

At NASSCO we have adopted 5S into many of our production and office spaces very successfully to improve workplace layout, and job satisfaction and effectiveness. You have probably heard the phrase, "a place for everything and everything in its place." That means each item— tools, consumables, materials, information— has a place it is kept, and when it's not being used, it is put back in its place. So far in 2017, NASSCO has initiated or completed 35 formal 5S projects. Here's how to experience the same success at home.



SORT The first component of 5S will strike fear into most homeowners. The dreaded activity of going through the garage, loft, closets or spare room, and sorting out everything that's not required in the near term. Just as in manufacturing, having unnecessary "stuff" sitting around makes it more difficult to find what you need. Make this a family effort; get everyone involved. When in doubt, throw it out, or give it to charity. Get rid of books gathering dust, old files, rusting tools and all that "might need someday" junk you know you'll never really need.

SET IN ORDER Time to organize. Are kitchen utensils in the right drawers? Are the tools in the garage organized? Financial records and files? This must be done after the sort. Once you have cleared the clutter, think about the use of labeled shelves and see-through storage boxes. An outlining strategy for your tools on a perforated board is an excellent way of tracking your tools.

SHINE Thoroughly clean your newly-organized home, finally reaching those areas previously covered by unnecessary items.

STANDARDIZE Create a cleaning checklist, including required cleaning supplies (which are now kept in specific locations), required interval between cleans and who is responsible.

SUSTAIN Mark on your calendar when monthly or quarterly cleanings of the garage, loft, closets or spare room are due.

SAFETY Lastly, one more S to consider 5S+1 = Safety

The safety of you and your family is most important. Do you have a first aid kit and is it stocked? Are emergency phone numbers posted? Do you have an Emergency Preparedness plan documented and understood by the family? Do you have fire extinguishers in critical areas of your home? Are they checked once a year? Do you regularly check your smoke alarms?

New FLOW Waterjet Equipment Earns NASSCO-Norfolk Spotlight on Port of Virginia

AUTHOR: Christopher Marsh, Outfitting Superintendent, NASSCO-Norfolk

NASSCO-Norfolk recently sent shipfitters Chris Harbeck and Edgar Knight to Washington State to learn the new operation requirements to upgrade the previous waterjet to the new MACH 4 table and system built by FLOW Waterjet. This upgrade permits cuts and bevels simultaneously, which wasn't previously available. The upgrade has saved numerous man-hours on NASSCO-Norfolk contracts. The new table has cut down Garnet usage by one-third, while improving

cycle time on the intensifier pump seals. It continues to increase productivity as well as reduce overhead on maintenance required to run the waterjet.

During construction of the 50-Man life raft cradles for the USS EISENHOWER, large pieces of steel were required to be beveled and shaped prior to the fitting of the assemblies. While utilizing the waterjet to cut out and bevel 40% of all steel material, countless man-hours were saved. The FLOW waterjet completed this evolution in 20 minutes and the quality of the bevel was seamless for forming plates to the shell of the ship and other structures. Under the old system this task would have taken over two hours per square foot to complete. NASSCO-Norfolk also utilized the FLOW waterjet to cut thick rubber strips and other components that were to be installed on the life raft cradles.

During production, manning ramp ups. NASSCO-Norfolk began training fitters and welders to become tack weld qualified utilizing the waterjet to cut test coupon plates and bevel them at the same time so the welder and fitter qualifying increased ARC time while testing, minimizing prep time and ultimately saving cost.

NASSCO-Norfolk continues to receive requests for outside work from local machine shops needing heavy wall pipe and plates to be cut and beveled. This highlights NASSCO-Norfolk's capabilities within the Port of Virginia. NASSCO-Norfolk continues to identify ways to cut cost while maintaining quality, by utilizing the FLOW waterjet and our highly trained personnel.



PII Generates Efficiency for Gas-Free Team

AUTHOR: Tony Surmonte, Facilities Manager, NASSCO-Mayport

A PII submission at NASSCO-Mayport resulted in a new gas-free mobile operations unit. Team members constructed the unit from scrap aluminum. This intermodal unit consolidates many logistical

requirements faced by the gas-free department aboard ship—reducing time, cost and crane lifts.



(left to right) Byron Audler, Bill Labaw, Joe Bonitatis, Morris Hallmon, Brenda Smith, Eve Jaudon, Earl Jackson, Richard Dooley, Hermes Rocha

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You can see all of NASSCO's videos at
vimeo.com/generaldynamicasnassco



GENERAL DYNAMICS
NASSCO



Environmental Stars Celebrated

AUTHOR:
Sara Giobbi, Manager Environmental Engineering

On November 8th, the annual Environmental Star award luncheon was held to recognize those members of the NASSCO team who have distinguished themselves by actively caring for the environment. This year's field of almost 50 nominations included people who made a difference by finding ways to reduce waste, conserve energy, prevent spills and improve recycling. Other nominees went out of their way to make a positive impact outside our fence line by participating in community cleanups and habitat restoration programs.



INDIVIDUAL AWARD WINNERS



Arturo Saenz



Cesar Carrillo



Daniel Robles



Fernando Madrigal



James Byrum



Jessica Hopper



Susana Aracely Flores Herrera



Edward Warren (Not Pictured)
Valerie Reagan (Not Pictured)

TEAM AWARD WINNERS



CRC Can Program Crew



CRC Event Leaders



Reclamation Team

DEPARTMENT AWARDS WINNERS



Maintenance Department

BE PREPARED

This Team Has a Plan

AUTHOR: Jose Solano, Quality Advocate, Steel Department



The Shipfitter Team on Tables 1 and 2 Pin Jigs understands the importance of a quality job and how this affects Cost and Schedule. This team is ready to face the challenge of the upcoming ramp up.

Quality requirements are an important part of the standard procedures for this crew, and are critical to the learning curve all the newcomers will endure on their way to become experienced shipfitters.

To prepare, Assistant Manager Ben Gravador, Production Supervisor Rogelio Cota, and the rest of the team, got together with Quality Advocate Jose E. Solano and envisioned an action plan to follow when the new workers come to the area, focusing on the minimum quality requirements for all tasks performed in the area, and a learning path for all of them to follow.

Building Jigs, Paneling, Setting up Material, and Plumb, Level and Square, are essential parts of the learning path that

will be introduced to all the newcomers as they become part of the crew. This plan will be closely followed by the Production Supervisor in order to give the workers tasks based on their experience level and their learning path completion, starting with the most basic tasks, going all the way to the most challenging ones.

We expect this plan to become a model for all crews to follow, and this way to steadily better the quality submitted by all shipfitters in the yard.



NASSCO-San Diego, CA
December 8, 2017

Why Focus on Safety?

AUTHOR: Duke Vuong, Safety Manager



Safety includes the choices you make when engaging in recreational and work activities. By avoiding unnecessary risk and minimizing hazardous behaviors, you can maximize your chances of living a long, healthy and productive life.

DISTRACTIONS

Workplace distractions, regardless of type, have the same effect: when people are distracted, they are not paying attention and fail to see potential sources of harm, which can lead to injuries. There are many things that can distract us on a daily basis. Cell phones or being overtired can keep you from responding to changing conditions and lead to accidents or injuries.

Thinking about an event in your home life, such as an upcoming road trip, or being focused on completing a job on time can distract you. When you fixate on something or are “in the zone,” you will focus less on your immediate surroundings. One common example is looking at your phone while walking through the yard. Your focus on the phone takes away your ability to recognize and avoid an oncoming forklift or crane.

The same condition exists when you are too tired. Fatigue reduces your ability to recognize and react to changing conditions.

Another source of distraction is complacency. When you act on “automatic pilot” you become so overconfident in your ability to do the task that you miss the risks and hazards that may arise.

ADDRESSING THE ISSUES

Taking micro-breaks can help you refocus. Take a minute to counter stretch and look around your work area. This can help your muscles stay flexible and maintain your awareness of your surroundings.

Actively care – when you see someone working distracted, tell them “remember where you are.” This will give the distracted person an opportunity to refocus. Safety is a team sport. It takes all of us to keep each other safe.

Maintain positive relationships with your coworkers. Treating our coworkers with courtesy and respect can create a less stressful work environment.

Interact with employees. Supervisors and managers who respond to employee input on the Start Safe / ESTC cards go a long way to building employee engagement. Provide effective feedback. Focus on what the employee is doing well and what needs improvement. Feedback must be clear and specific and reinforces the actions that you want to see the employee regularly perform.

Avoiding distractions is an ongoing battle. To counteract this risk, we must train ourselves to keep our minds on the task at hand and engage in safe behaviors such as keeping eyes on the path while walking, take actions to fix unsafe conditions, and taking breaks to clear distracting thoughts. Doing so will help us reduce risks and maximize chances of living a long, healthy and productive life.

STAY IN THE KNOW

Text "NASSCO" to 95577

GENERAL DYNAMICS NASSCO

Facebook, Twitter, Instagram, LinkedIn, YouTube icons

PDP CORNER



Brent
Morency

When did you start at NASSCO?

I started at NASSCO in June 2016 as a student intern in SOC 6. I came back in May 2017 to begin the Professional Development Program.

What brought you to NASSCO?

What initially attracted me to NASSCO was my strong interest in the maritime industry and the impressive work we do for both commercial and government customers. My positive experience as an intern and the people I worked with were what brought me back for the Professional Development Program.

What rotations have you had as a PDP?

So far, I have rotated through Initial Design and Naval Architecture, SOC 4 and SOC 5 Steel, Planning, Repair Production, Steel Production Control, Rigging, Safety and SOC 3 Steel Assembly.

What were your previous jobs prior to NASSCO?

While I was in college, I had a couple of different foodservice jobs before beginning my internship at NASSCO.

What have you learned as a PDP?

Rotating through various areas throughout the shipyard has taught me about the important roles that each department plays in the shipbuilding process and how they impact each other. In addition to the physical processes of shipbuilding, I have also gained an understanding of how NASSCO manages and evaluates the safety, quality, schedule and cost of our projects. Another thing I have learned as a PDP is the importance of building professional relationships, and the positive effects those relationships have on the shipyard.

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

I graduated with a Bachelor of Science in International Business & Logistics from California Maritime Academy.



Zach
McWaters

When did you go through your PDP rotation?

2004-2005

Where are they now?

What was your No. 1 takeaway from your experience as a PDP?

Relationships. Each department plays an integral role in building and repairing ships. As a PDP, you get the opportunity to help others achieve their given tasks and learn about the different departments in the process. Give each assignment your all and get to know the people around you. These relationships are the foundation of your career.

What advice do you have to others currently in the program or considering the program?

Focus on performance, not power. To move forward in your career you have to stay focused on the task at hand. Too often, people move onto the next thing without fully grasping the position they are in. Do your best today, think about tomorrow and maybe dream a bit about the future. But doing your best in the present has to be the rule.

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

I have a Bachelor of Science in Marine Engineering and Shipyard Management from the United States Merchant Marine Academy in Kings Point, New York, and I am working on my Masters of Business Administration from the University of California, San Diego, Rady School of Management.

Journey at NASSCO since rotation:

2004-2005 PDP

2005-2009 Production Area Manager

2009-2010 Assistant Ship Manager, Commercial Programs

2010-2011 Capture Manager, Business Development

2011-2013 Deputy Program Manager, Government Programs

2013-2017 Manager, Project Engineering and Advanced Programs

Take the first step.

We're here to help.

NASSCO's Employee Assistance Program is available to support employees struggling with drug or alcohol abuse. Give us a call today.

NASSCO is a drug-free workplace. Anyone under the influence, or in possession, of drugs or alcohol on company premises, is subject to termination. You must seek help before a problem arises to be eligible to enter the Employee Assistance Program.

Find more information

visit www.nassco.com/drugfree or call (619) 544-8506.



EMPLOYEE CORNER

NASSCO-Norfolk 2017 American Heart Association Heart Walk

AUTHOR: Trinity Lefler, Director of Human Resources



On November 4th, NASSCO-Norfolk employees participated in the American Heart Association's annual Heart Walk. Four teams raised more than \$3,700 from more than 50 donations benefitting the AHA. The teams were the Cheeseburgers, the Heartbreakers, Walks Like A Lady and the NASSCO Bravehearts, which raised the most money and was led by Dawn Kriz, EHS Director. Participants walked 1.5 or 3 miles at Mt. Trashmore in Virginia Beach. As an annual sponsor, NASSCO-Norfolk had a booth that included heart-healthy snacks, activities and trivia questions for participants.

NASSCO-Norfolk Annual Picnic

AUTHOR: Trinity Lefler, Director of Human Resources

On September 23, NASSCO-Norfolk employees and their families shared a fun day at the annual company picnic held on the grounds at Harper Avenue in Portsmouth, Virginia. This year's entertainment included Frisbee spin art painting, an inflatable rock wall, a bounce house, laser tag and face painting.

In addition to the great food and family fun, there were friendly games of volleyball, horseshoes and corn hole to add a little competition,

not to mention a fierce tug-o-war match between production and the office staff. Production is still basking in the glory of their win!

Kids of all ages enjoyed the ice cream truck and a City of Portsmouth fire truck even made an appearance. The sound of people laughing and the excitement shone on the faces of those who attended confirmed that all had a fun and enjoyable time.



NASSCO-San Diego
ESB-5, Block 521
October 31, 2017



Matson Review

Victor Nevarez presents at the Production Readiness Review, where trades demonstrate their preparation and readiness for the Matson Program. Reviewers include Fred Harris, Art Serpa, Janice Grace and Kevin Mershon.



2017 President's Cup Champions QA Destroyers!



Congratulations to QA Destroyers, champions of the 2017 President's Cup! An extension of SIGNs, the President's Cup is made up of several friendly competitions throughout the year, such as volleyball, kickball and more. Sports and Interest Groups at NASSCO (SIGNs)

are voluntary, employee-driven organizations formed around common interests or shared backgrounds, with the goal of building relationships and teamwork among NASSCO employees.

Manufacturing Award Presented to NASSCO

The San Diego Business Journal awarded NASSCO with a 2017 Manufacturing Award to honor the local shipyard's outstanding production and dedication to the local economy. Recognized in the mega company category, NASSCO's achievement of delivering 10 ships in a 20-month period earned this honorable award.



Health Fair and Benefits Meeting

AUTHOR: Tony Surmonte, Facilities Manager, NASSCO-Mayport



NASSCO-Mayport held its annual health fair giving employees the opportunity for biometric screenings, wellness information and flu shots. Also held that day was a company benefits meeting given by Michelle Hurst, of NASSCO-Norfolk. Employees engaged in a question-and-answer session to discuss changes and options offered under the plans for the coming year.

2017 Chili Cook-Off

THE 2ND ANNUAL CHILI COOK-OFF EVENT OCCURRED AGAIN WITH A LARGER PARTICIPATION THIS FALL.

AUTHOR: Jacqueline Powers

Participants included the Mission Valley 2 NASSCO employees from the ISD, Supply Chain, Accounting and Finance departments. This year it was a tie and with just one more tasting with one single vote, the winner remains undefeated. Jerry Slovak from the ISD, Information Cyber Security Team won the 2017 NASSCO, MV2 Chili Cook-off. The runner up is Alex Kuljian, Buyer from the Supply Chain Department.



NASSCO Celebrates 242nd Birthday of the United States Marine Corps

NASSCO is honored to employ hundreds of veterans from all branches of the military. Each year on November 10th, many of NASSCO's Marines gather to celebrate the birthday of the U.S. Marine Corps. The 2017 luncheon featured the traditional cutting and serving of the birthday cake with the first piece served to the guest of honor, GySgt R. J. Eagle Spirit USMC (Ret.); the second to the oldest Marine present, Juan "Diablo" Gomez; who passes it to the youngest Marine present, Matthew Warner. This represents the passing of the Honor and Traditions of "The Corps" to the next generation of Marines. The annual celebration is organized by a group of NASSCO Marines, and all Marine veterans are welcome to attend.



A special awards ceremony and dinner celebrated those who have reached 10 years through 35 years of service at NASSCO-Norfolk.

2017 SERVICE AWARDS

NASSCO-NORFOLK



2017 GENERAL DYNAMICS NASSCO YEAR IN REVIEW

March 25, 2017
NASSCO Christens and
Launches Palmetto State



June 7, 2017
Final ECO Class Tanker Delivered



August 2, 2017
NASSCO Breaks Ground on
First-of-its-Kind Panel Line



October 21, 2017
NASSCO Christens ESB 4 USNS
Hershel "Woody" Williams



August 30, 2017
USS Makin Island (LHD)
arrives at NASSCO



JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEPT | OCT | NOV | DEC



January 25, 2017
Start of Construction
on ESB 5



March 1, 2017
NASSCO Delivers M/T
Liberty to SEA-Vista LLC



June 3, 2017
3rd Annual Neighborhood Clean-up
in Barrio Logan



July 8, 2017
Barrio Logan Student Names
NASSCO Tug Boat "Blue Fin"



September 12, 2017
NASSCO Named
"Greenest Shipyard of the Year"



November 29, 2017
Start of Construction on first of
two Matson containerships

HOLIDAY SPIRIT AT NASSCO



More than 200 Toys Donated by NASSCO Employees

NASSCO employees generously donated hundreds of toys to brighten the spirits of local children. NASSCO firefighters collected donations to support the toy drive, raising \$1,700 that went to purchase additional art supplies, stuffed animals, toys and clothing for boys and girls. The holidays will shine a little brighter thanks to the kindness of those who work at NASSCO. Partnering with the San Diego Port Ship Repair Association, NASSCO donated these holiday gifts to children through Barrio Station and the Good Neighbor Project.



NASSCO-Mayport Celebrates the Holidays

NASSCO-Mayport held its traditional turkey giveaway to all employees on November 17th. Shown here, left to right, are Walter Quarterman, George Briggs and Randy Howard. Turkeys not claimed by employees were donated to the Sulzbacher Center for homeless men, women and children.



Repair Administration *Holiday Photo*



2017 Halloween Costume Contest

AUTHOR: Jacqueline Powers

Participants from the ISD, Supply Chain, Accounting and Finance located in San Diego’s Mission Valley buildings once again dressed to impress for Halloween. There were several amazing costumers and this year’s winners took home awards. Congratulations to the winners!



RATING	WINNERS	COSTUME
Best Overall Costume	Hon Quach, ISD, System Administrator	Star Wars AT-ACT Walker
Prettiest Costume	Gabriel Virissimo, ISD Application System Architect	Cirque du Soleil Cast Member
Funniest Costume	Mike Korgie, ISD Manager Data Center	Big Baby in Diapers
Original Costume	Charmaine Miranda, Finance, Finance Analyst	Inflatable Wacky Waving Car Wash Tube Man
Scariest Costume	Robert Moore, Tax Analyst	Big Bad Wolf



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important
than your job.

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IN THE COMMUNITY

Logan Goes Back to School



Students at Sherman Elementary School were delighted to receive school supplies courtesy of NASSCO and other shipyards in San Diego. Soccer balls, tether balls and other sports equipment at the school were worn and in need of replacement. NASSCO replenished

these materials for playground and physical fitness activities to allow children at Sherman Elementary School to stretch their muscles, learn how to play in a team and, most of all, have fun!



Living Coast Discovery Center

NASSCO employees care about the environment and enthusiastically lent a hand at the Living Coast Discovery Center, a nonprofit organization based in Chula Vista, California. Under the leadership of Jessica Hopper, two teams of NASSCO volunteers visited the facility on May 13th and October 28th to add almost 200 plants in the Native Pollinator Garden. The garden provides outdoor learning space where students and families can learn about native plant species and pollinators, such as bees, hummingbirds and butterflies.





Retirement

RICHARD D. WITTHOFT

11/11/2017

34 years • Supervisor Label Installation

JUAN LOPEZ

10/31/17

27 years • Shipbuilder

ROBERT L. STARR

10/28/2017

23 years • Maintenance Machinist Working Foreman

MARCOS N. BAUTISTA

10/28/2017

24 years • Senior Engineering Specialist

MAURO BRATTICH

10/05/2017

30 years • Senior Engineering Specialist

ALAN J. DUCIE

09/30/2017

13 years • Design Specialist

LUIS PEREZ-TRUJILLO

09/14/2017

26 years • Code Welder

DAVID ANTHONY ARIENTI

09/16/2017

10 years • Area Manager I

GUIBOG CHOI

09/02/2017

11 years • Engineering Specialist

GENE F. MARTINELLI

09/02/2017

22 years • Superintendent Facilities & Maintenance

In Remembrance

LARRY E. ROSENE

Retiree

01/05/2016

Trades Training Coordinator

OMAR MORENO

Active

11/20/2017

Pipefitter

2017 EMPLOYEE SURVEY

Let's Get Frank: Share Your Thoughts

As NASSCO embarks on a new year, we want to continuously improve our relationship with employees. Communication is key to any relationship. Please take this 15-minute survey to share your thoughts about working at NASSCO and how you would like the company to communicate with you in the future. Don't hold back – it's time to get frank!



This survey is:

- Anonymous
- Voluntary
- Open to all NASSCO employees
- To be completed on your own time

A random drawing will be held to reward one survey participant with up to \$100 worth of tickets to local amusements or attractions. To be eligible for the drawing, survey respondents can volunteer to provide an email address, which will only be used to contact you if you win. Only the survey administrator will have access to this information. All surveys must be received by February 28, 2018.

Surveys can be submitted via the following:

1. Complete the survey online:
www.surveymonkey.com/r/NASSCOEmployees2017
2. Email a copy to: communications@nassco.com.
3. Mail completed survey to: General Dynamics NASSCO, P.O. Box 85278, San Diego, CA 92186-5278. Care of: NASSCO Communications, M/S 21PA.
4. Employees in San Diego may hand-deliver completed survey to: NASSCO Communications, First Floor, Building 1, Room 116.

LET'S GET FRANK!

1. In what location do you work?

- ☐ San Diego
- ☐ Bremerton
- ☐ Norfolk
- ☐ Mayport

2. Age (Optional)

- ☐ 18-30
- ☐ 31-40
- ☐ 41-50
- ☐ 51-60
- ☐ 60 and above

3. Gender (Optional)

- ☐ Male
- ☐ Female

4. In what department do you work?

5. What do you enjoy most about working at NASSCO?

Select all that apply.

- ☐ Pay
- ☐ Benefits
- ☐ Meaningful work
- ☐ Training programs and learning opportunities
- ☐ The people
- ☐ Other, please specify _____

6. Would you recommend working at NASSCO to a friend or family member?

- ☐ Yes
- ☐ No
- ☐ Not sure

7. How familiar are you with NASSCO's company values?

- ☐ Very familiar
- ☐ Somewhat familiar
- ☐ Only vaguely familiar
- ☐ I don't know the values

8. How familiar are you with NASSCO's mission statement?

- ☐ Very familiar
- ☐ Somewhat familiar
- ☐ Only vaguely familiar
- ☐ I don't know the mission statement

9. How familiar are you with NASSCO's vision statement?

- ☐ Very familiar
- ☐ Somewhat familiar
- ☐ Only vaguely familiar
- ☐ I don't know the vision statement

10. What type of information do you feel it is most important to be communicated to you? Select all that apply.

- ☐ Benefits
- ☐ Company events
- ☐ Issues and trends affecting our business
- ☐ Community involvement
- ☐ Contract awards
- ☐ Other (please specify)



11. From which of the following sources do you currently receive most of your information about what is happening at NASSCO? Select all that apply.

- ☐ The 'grapevine'
- ☐ TV monitors/bulletin boards
- ☐ My supervisor
- ☐ Company leadership
- ☐ 5-minute meetings
- ☐ The Shipbuilder (employee magazine)
- ☐ NASSCO website
- ☐ Company email
- ☐ Text message announcements
- ☐ Facebook
- ☐ Instagram
- ☐ LinkedIn
- ☐ Twitter
- ☐ Vimeo
- ☐ Other (please specify)

12. From which of the following sources would you prefer to receive most of your information about what is happening at NASSCO? Select all that apply.

- ☐ The 'grapevine'
- ☐ TV monitors/bulletin boards
- ☐ My supervisor
- ☐ Company leadership
- ☐ 5-minute meetings
- ☐ The Shipbuilder (employee magazine)
- ☐ NASSCO website
- ☐ Company email
- ☐ Text message announcements
- ☐ Facebook
- ☐ Instagram
- ☐ LinkedIn
- ☐ Twitter
- ☐ Other (please specify)

13. Which of the following social networks do you use frequently? Check all that apply.

- ☐ Facebook
- ☐ Google+
- ☐ Instagram
- ☐ LinkedIn
- ☐ Pinterest
- ☐ Snapchat
- ☐ Twitter
- ☐ What's App
- ☐ YouTube
- ☐ Vimeo
- ☐ Other (please specify)
- ☐ I don't really use social media

14. Regarding company emails, please select the statements that best reflect your opinions. Select all that apply.

- ☐ The content in company emails is useful and applicable to me.
- ☐ The content in company emails is irrelevant and isn't necessary for my work.
- ☐ Company emails come too frequently for my taste.
- ☐ I like receiving company emails at their current frequency, multiple times per day.
- ☐ I like the current format of company emails.
- ☐ I would prefer company emails were shorter and easier to scan for key information.
- ☐ I would prefer company emails had more in-depth information to share.
- ☐ I often forward relevant company emails to people I work with to be sure they're in the loop.
- ☐ I barely ever read company emails.

15. How much of The Shipbuilder do you read each time its distributed?

- ☐ Generally read all of it
- ☐ Read most of it
- ☐ Read some of it
- ☐ Only skim through it
- ☐ Don't read it at all

16. What is your overall evaluation of The Shipbuilder?

- ☐ Excellent
- ☐ Very good
- ☐ Good
- ☐ Fair
- ☐ Poor

17. The employee magazine The Shipbuilder is primarily distributed by mail. Would you prefer to read The Shipbuilder in print or online?

- ☐ Online
- ☐ Print
- ☐ Both
- ☐ I probably won't read it either way

18. How can NASSCO improve its communication with employees?

Thank you for completing the survey! Your feedback helps NASSCO better meet your needs. If you would like to be entered into a random drawing for up to \$100 worth of tickets to local amusements or attractions, please enter an email address below. This survey is anonymous and your answers will not be attributed to you as an individual. Only the survey administrator will have access to the email address you provide. All surveys must be received by February 28, 2018.

Email Address:



Meet the BABIES Birth Announcements



WILLIAM ROWLAND SPIVEY

Born: 7/11/17

Father:
Clint Spivey
Environmental,
Health, and Safety
Assistant Manager



MARCELA CIELO DE JESUS

Born: 6/15/17

Mother:
Marissa De Jesus
Accounts Payable
Analyst



TRAVIS ANDREW VERGARA

Born: 6/20/17

Father:
Christopher Vergara,
Material Support Technician

Mother:
Cyrill Vergara,
Senior Accountant



JEANCARLO SALAZAR

Born: 6/4/17

Mother:
Reyna Quintero,
Scheduler/Planner

Great Grandfather:
Mauricio Navarro,
Senior MST



RECENT NASSCO VISITORS



- 1. Federation of North American Explorers
- 2. GD Supplier Diversity
- 3. NAFTAZ Conference
- 4. Vets' Community Connections
- 5. Major General Nelson (USMC)



GENERAL DYNAMICS

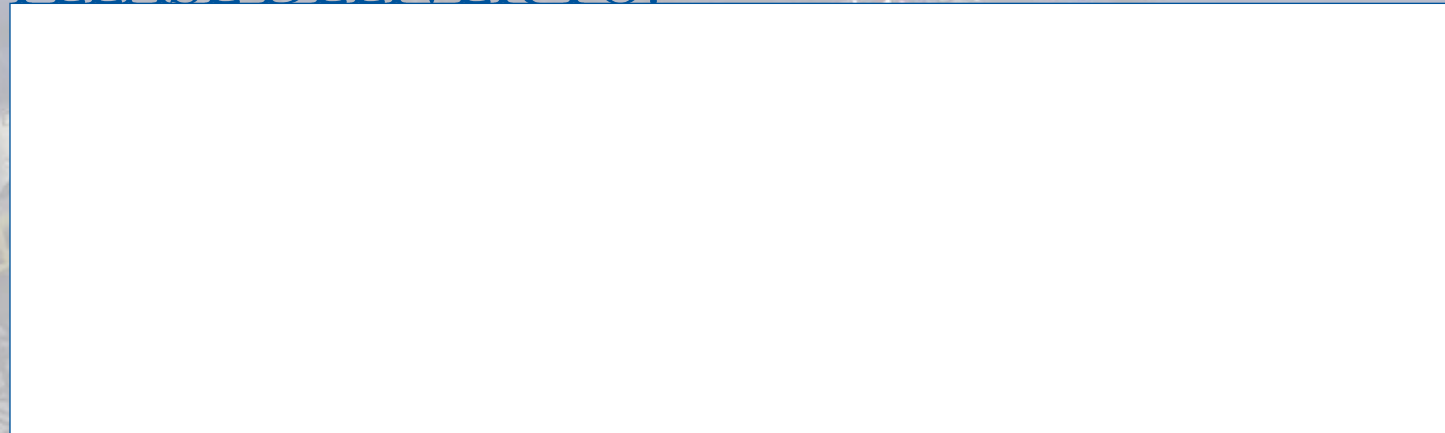
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THE SHIPBUILDER CONTENT SUBMISSION

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

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

The next submission deadline is February 2, 2018.

