

THE

SHIPBUILDER

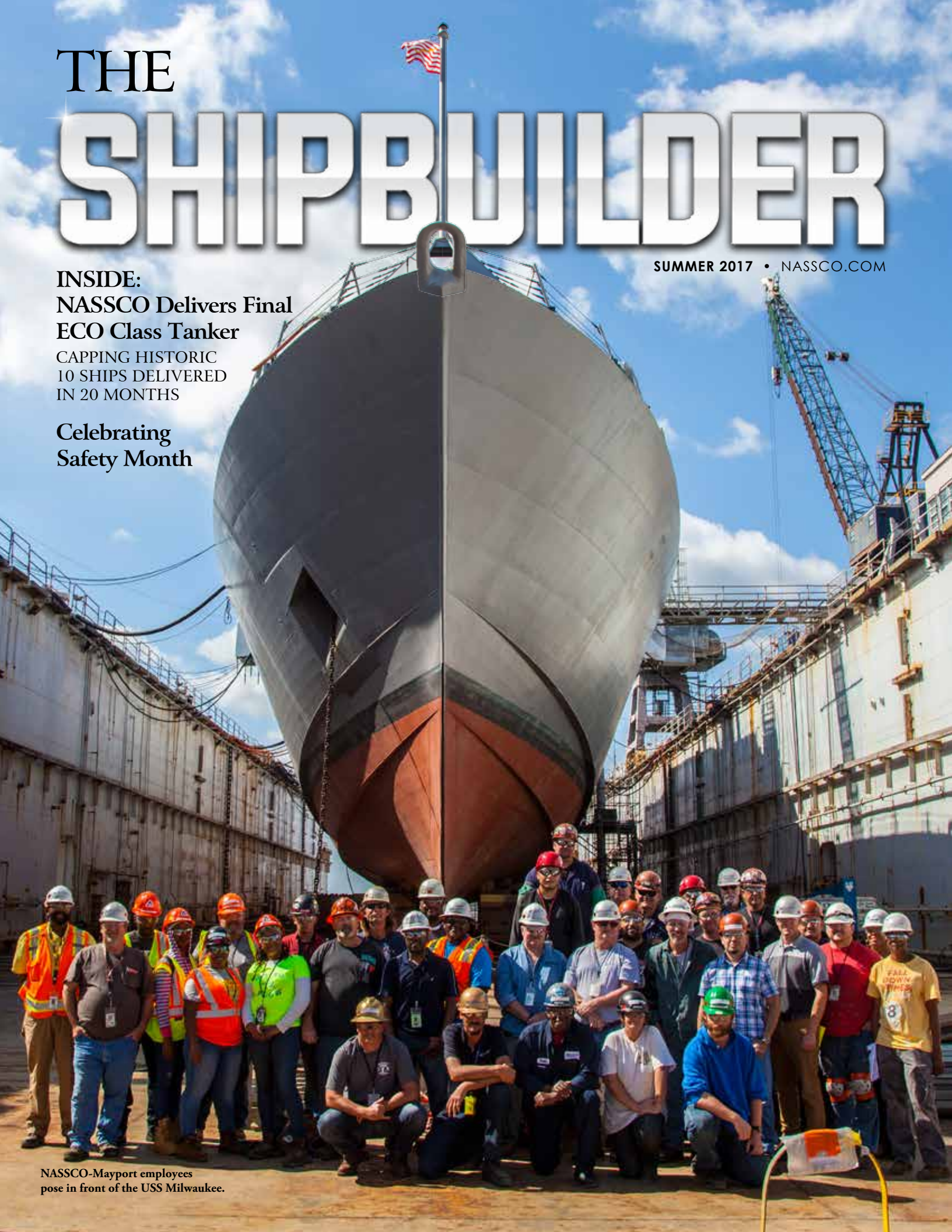
SUMMER 2017 • NASSCO.COM

INSIDE:

**NASSCO Delivers Final
ECO Class Tanker**

CAPPING HISTORIC
10 SHIPS DELIVERED
IN 20 MONTHS

**Celebrating
Safety Month**



NASSCO-Mayport employees
pose in front of the USS Milwaukee.



Members of NASSCO's Rigging Department pose in front of a flight deck block (Block 441) destined for USNS Hershel "Woody" Williams May 20, 2017



CONTENTS

4 MESSAGE FROM THE HELM

16 SECURE OUR FUTURE

24 PDP INTERN CORNER

6 DEPARTMENT SPOTLIGHT

20 CONTINUOUSLY IMPROVE

26 IN THE COMMUNITY

8 PERFORM EVERY DAY

23 BE PREPARED

32 EMPLOYEE CORNER

THE SHIPBUILDER

Manager of Public and Government Relations: Dennis DuBard

Senior Communications Specialist: Staci Ignell

Communications Specialist: Xenon Alidag

Creative Multimedia Specialist: Kurt Otto

Communications, Public and Government Relations Intern: Megan Root

Published by General Dynamics NASSCO Communications Department, P.O. Box 85278, San Diego, CA 92186-5278. Summer 2017.

Direct comments to Dennis DuBard at Dennis.DuBard@nassco.com or Staci Ignell at Staci.Ignell@nassco.com

Contributors: Rick Adams, Noel Bea, Hugo Bermudez, Rosalba Cardoza, Randy Colson, Jim Davis, David DeArman, Nathan Doherty, Sherry Eberling, Karl Haroldsonn, Chad Haza, Jessica Hopper, Samantha Huerta, David Fulton, Leslie Jackson, Hoonie Kang, Leigh Kennedy, Peter Kronzer, Robert Liddell, Gregory Mills, Jonathan Molnar, Mario Principato, Steve Murray, Peter Radzicki, Jason Rooney, Steve Severs, Jerry Slovak, Tony Surmonte.

PRESIDENT’S NOTE

I believe our line of work is unique. Each of us contributes our individual expertise to the ships we build and repair. Those individual contributions add up to become something that is truly greater than the sum of its parts. Each of our products serves our economy, protects our nation, and gives shelter and support to the men and women who sail them. Our products also work upon the world’s most unforgiving environment – our oceans – for decades. I believe these unique aspects of our business make shipbuilding a noble profession and truly work worth doing.

The ECO Class tanker program is a fitting example.

In June we delivered the Palmetto State, the eighth and final tanker of the ECO Class program. The ship’s delivery commemorated a longstanding partnership with two separate customers to design and construct eight product tankers. It also marked the completion of another successful program by NASSCO and our long-term partner DSEC.

Along the way, NASSCO achieved several



KEVIN GRANEY
President
General Dynamics NASSCO

very significant and historic milestones.

The Palmetto State marked the tenth commercial, Jones Act-destined ship delivered in just 20 months. A first in NASSCO history, it is the greatest output from a single U.S. shipyard since the liberty ships were built to support WWII.

During this time we processed more than 100,000 tons of steel, and in October 2015, we achieved a production peak with ten ships under construction simultaneously—the most in our company’s history. We also

improved our safety, our quality, and our production time with each subsequent ship.

These achievements are the result of a team that is committed to getting the job done the right way. With more than seven million hours worked, thousands of people working together, and more than eight million parts over the course of three years, the numbers speak for themselves.

These achievements also demonstrate our potential as we begin our future ship construction programs.

While we saw layoffs during the first half of 2017, I am pleased to report we are stable and beginning to gear up to support future work in new construction and repair.

Design efforts for the two Matson containerships are underway. The process for steel procurement has already begun, and we are planning on starting the first ship in November 2017. The early start will enable a smoother workforce build-up for the Matson and T-AO programs.

The T-AO program just reached its first year on contract and we recently successfully completed the program’s Preliminary Design Review, a key milestone in design development. We are now transitioning from functional design into detail design, with construction of the first ship scheduled to begin in September 2018.

Soon we will begin construction on a new panel line. This facility, located in SOC 3 near the old Wheelabrator, is critical to the Matson and T-AO build strategies, and allows us to process steel plate down to 5mm. This expands our capacity and helps keep NASSCO at the forefront of steel manufacturing capability. The line is expected to be running next summer.

Repair and modernization work continues around the globe. For those of you in San Diego, you may have noticed the increase in Navy personnel in the yard. Because of the Navy’s ‘Rebalance to the Pacific’ more ships are being homeported in San Diego, pushing some work from the Naval Base to local

shipyards. The influx of people in the yard will continue for some time. We must continue to work as a team to share our footprint between our repair and new construction work. This month, we were awarded a contract for maintenance and modernization of USS Makin Island – a “Big-Deck” amphibious ship. This was a key win for NASSCO and will help stabilize our Repair team in San Diego.

In June, we celebrated this year’s safety champions and injury-free supervisors. As nominees and award recipients of this year’s awards, these individuals demonstrate every day the importance of working safe not only for themselves, but for others. This year, we had 57 safety champion nominees (the most ever) and are currently performing at a safety incident rate of 3.7 – the best in our history. While we have a lot to be proud of, we still have a lot of work to do. Please keep safety at the top of your mind.

Finally, I want to thank each and every one of you for your hard work. We’ve accomplished

a significant amount of work in both new construction and repair. Although our successes often come with challenges along the way, I am always excited by the ingenuity and resourcefulness of our workforce. We are a different and improved shipyard than we were just a short time ago as we came through the ECO program and learned how to manage firm, fixed price work in Repair. Remember those hard-won lessons learned as we gear up for what will be an exciting next few years!

On June 30 we held an all-hands employee appreciation luncheon at our San Diego facilities to express our gratitude for a job well done. I hope you enjoyed it as much as I did!

Work safe,

A handwritten signature in black ink that reads "Kevin M. Graney". The signature is fluid and cursive, with a large, stylized 'K' and 'G'.

Kevin Graney
President

DEPARTMENT SPOTLIGHT

Test and Trials

AUTHOR:

Jason Rooney, Manager, Test & Trials, NASSCO-San Diego

What is the role and/or function of your department?

The Test & Trials Department is responsible for the start-up and commissioning of machinery and machinery systems aboard each vessel constructed at NASSCO. We organize and operate sea trials for each vessel. We are also responsible for the manufacturing and installation of all the shipboard labels and stenciling.

Where is your department/team located?

Our team is located in the shipyard. The majority of our work is completed when a ship is at Berths 5 or 6. Our supervisors have offices on the Alaskan Queen, and the Label Shop is located in Building 8.

Why is your department so critical to the overall company?

Test & Trials comprises the last stage of construction and proves to the customer that a vessel operates as it should. We are responsible for conducting sea trials, which serves as a culmination of the hard work the engineering and production teams have put into the vessel. Taking the vessel to sea for the first time is a huge milestone for a vessel's construction.

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

Every day is different in the Test Department. As soon as we finish testing a system, we begin testing the next system in line. Our label team starts by spending several months manufacturing more than 14,000 labels per ship, then spends a few months installing them onboard.

What is one fact – or a couple facts – you think most people at NASSCO aren't aware of when it comes to your department?

The Label Shop is under Test & Trials. The shop has to manufacture more than 14,000 labels per vessel which takes several months, then needs to install them onboard along with stenciling piping systems.

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

Our team tested ECO tanker Hulls 3-8 faster than any other ship NASSCO has constructed in the past several decades. We have also worked hard through continuous improvement to reduce the time we spend on each sea trial.

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?

Our team is involved in the SOC 6/7 ASIG group and participates in all the Total Safety Culture audits. We evaluate our work daily for safety hazards and train our testers in the specific hazards that come with operating ship systems.



PERFORM EVERY DAY

NASSCO Delivers Final ECO Class Tanker

The LNG-ready ECO Class tankers are the most fuel-efficient product carriers to enter the Jones Act trade.

On June 7, General Dynamics NASSCO shipbuilders delivered the final ECO Class tanker—the Palmetto State—constructed as part of an eight-tanker, dual-customer program. It also marked the 10th ship delivery in 20 months—the greatest output from a single U.S. shipyard since WWII.

In 2013, NASSCO entered into agreements with two companies, American Petroleum Tankers and SEA-Vista, LLC, to design and construct a total of eight 610-foot-long, 50,000 deadweight-ton, LNG-conversion-ready product tankers to include a 330,000 barrel cargo capacity each.

In just under three years, NASSCO shipbuilders constructed and delivered all eight ECO tankers. During this time, the company achieved several first-time milestones, including a record throughput of 60,000 tons of steel per year and the delivery of six ships in 2016.

The Palmetto State and its sister ships are the most environmentally friendly tankers to enter the Jones Act trade. The tankers' "ECO" design offer 33 percent increased fuel efficiency and a corresponding reduction in ship emissions.

"The ECO Class tanker program pushed us to develop more efficient planning and production techniques, and fundamentally improved the way we perform every day. I credit the success of this program to the thousands of hardworking men and women who contributed to the design, construction, and delivery of these ships. Their dedication to continuous improvement was demonstrated by the hull-to-hull learning we saw over the course of the ECO Class program. I also thank American Petroleum Tankers and SEA-Vista, LLC for their partnership and confidence in NASSCO."

Kevin Graney
President, General Dynamics NASSCO



Christening and Launch Ceremony for the Palmetto State
March 25, 2017



IMPACT FROM THE ECO CLASS TANKER PROGRAM

General

- 7,000,000 hours worked
- 4,000 people employed
- 12-month design cycle, the fastest by DSEC/NASSCO
- Three years of focused production
- 16-month production cycle time – the fastest in NASSCO's history

Engineering

- 231 functional drawings produced
- 1,100 PI drawings produced
- 1,600 LEDS/NCRs adjudicated

Supply Chain

- 3,600 container shipments received
- 8,000,000 parts delivered to production

Planning

- 47,000 part numbers palletized
- 169,000 work packages created
- 1,500 total schedules produced

Steel Production

- 76,000 tons of steel processed
- 800 blocks constructed

Pipe

- 98,000 spools installed
- 20,000 valves installed

Machinery

- 8 shipsets worth of propellers, shafts, rudders, generators, and main engines installed
- 48 winches installed
- 112 cargo pumps installed

Metal Outfit/Vent

- 1,200 hatches/manholes installed
- 4,000 ladders installed
- 160 fans installed

Electrical

- 560 miles of cable pulled
- 59,000 ends hooked up

Paint

- 30,000,000-square feet of surfaces prepped and coated

Rigging

- 416 blocks erected (one block erected per calendar working day for two years)
- 200,000,000 pounds lifted

Test

- 7,800 pipe tests and flushes
- 432 systems turned over and tested
- 25 days at sea

THE LEGACY:

- Eight of the most fuel efficient product carriers in the World
- 5,800,000,000 gallons of cargo movement annually
- 99.9% reliability in service
- 200 jobs to U.S. merchant mariners for the next 25+ years
- 10 Jones Act, ocean going vessels delivered in 20 months – the greatest output from a single U.S. shipyard since the liberty ships were built to support WWII



Luncheon to Celebrate Final Block for USNS Hershel "Woody" Williams

AUTHOR:

Hoonie Kang, Director Outfitting, NASSCO-San Diego

On June 8, NASSCO-San Diego's On Block team celebrated the final block under construction for USNS Hershel "Woody" Williams. A day later the block was erected onto the ship.

"The start of the 544 was tough," said Hoonie Kang, director of outfitting. "The On Block team rallied, overcame obstacles, and brought us to where we are today. The team showed outstanding safety performance during the building cycle and produced quality blocks. I could not be more proud of the team and enjoyed celebrating with not just one—but two hot dog luncheons throughout the build cycle. Thanks to everyone for their hard work!"



Norfolk Security in the Spotlight

AUTHOR:

Leigh Kennedy, Facility Security Officer, NASSCO-Norfolk



NASSCO-Norfolk Security was recently highlighted by the Navy for exemplary professionalism and customer service during the successful completion of the Phased Maintenance Availability (PMA) for USS Oak Hill (LSD-51).

On March 29, Kerri Linkenhoker, assistant facility security officer at NASSCO-Norfolk, was recognized by Commander (CDR) Nakia Cooper for her outstanding commitment to security and the officers and crew of the USS Oak Hill, while at NASSCO-Norfolk. During the last PMA progress meeting for USS Oak Hill, CDR Cooper noted that, “Kerri’s behind the scenes dedication to making sure we were taken care of was evident and very much appreciated.”

Among other accolades, examples of Kerri exceeding the customer’s expectations included excellent coordination and/or communication with the ship’s ATO, Lieutenant Junior Grade (LTJG) Paul Hast, throughout the PMA, to ensure successful deliveries of necessary materials and supplies, ammunitions moves; her expeditiously addressing facility and ship’s access, special guests parking and various MWR events. In recognition, Kerri was presented with a framed photograph of USS Oak Hill signed by CDR Cooper and officers of the Ward Room.

Bravo Zulu, Kerri!

The Sun is Out in Bremerton

AUTHOR: Randy Colson, Program Manager, NASSCO-Bremerton

Greetings from NASSCO-Bremerton! Summer has arrived in the Pacific Northwest. The sun is shining and we are really enjoying the warmer weather. We are also gearing up for our company picnic and preparing to wrap-up repairs for USS John C. Stennis in late July.

Our team has been actively engaged in supporting both USS Nimitz and USS John C. Stennis. USS John C. Stennis commenced with an early start in mid-January and officially started the Planned Incremental Availability (PIA) in mid-February. With a planned completion date scheduled for late July, we have been working around the clock to support our work, schedule, and customer’s needs.

One of our initial challenges was the execution of the new Commercial Off-the-Shelf Improved Incinerator Installation. With a production schedule allowing for only a four and a half month completion time frame, our team had no room for errors. Our production team, led by Robert Dearing, production manager, planned and executed extensive pre-fabrication beginning last summer. Due to combined efforts, we are ahead of our planned schedule and the scheduled completion date continues to track very well.



Left to right:
CDR Kenneth Holland, Chief Engineer, USS John C. Stennis
Kevin Terry, General Manager, NASSCO-Norfolk
Randy Colson, Program Manager, NASSCO-Bremerton
Captain Gregory Huffman, Commanding Officer, USS John C. Stennis
Sean Prinz, Senior Project Manager, NASSCO-Bremerton

Our next challenge provided another opportunity for our cross-country fly-away team support. We recently encountered significant structural repairs needed in both the aft and forward CHT tanks. Our original plan was to open and inspect. The aft tank contained enough steel repairs to warrant bringing in a 16-man crew from NASSCO-Norfolk to support the repairs and schedule. Because of this, we want to give a big shout out to Dave Baker, Bruce Rainville, Chris Marsh, and the Norfolk team for their assistance provided during this time.

To date all CHT repairs are moving ahead expeditiously and on schedule.

In May, General Manager Kevin Terry visited the Bremerton team. During this time he visited many of our work sites and met with many of our workers on the deck plates. We also had a chance to meet with the Commanding Officer (CO) of USS John C. Stennis, Captain Greg Huffman. The CO and Mr. Terry had a chance to tour the new incinerator room and were briefed by our team on the changes and new equipment installation.

2017 Virginia Ship Repair Foundation Junior Tradesperson of the Year

AUTHOR:

Leslie Jackson, Executive Assistant, NASSCO-Norfolk



Back Row: Will Dupuis, Talbert Dunn, Chris Marsh, Dave Baker.
Front Row: Harold Martin, Mrs. Martin, Cody Sanders.

Congratulations to NASSCO-Norfolk's Harold Martin, who was selected as the 2017 Virginia Ship Repair Foundation (VSRF) Junior Tradesperson of the Year. Harold was one of nine outstanding industry professionals, whose nominations the judges had the difficult task of reviewing and selecting.

Harold started at NASSCO-Norfolk as a firewatch and quickly moved through the ranks. In a little over two years, he became a J2 pipefitter with specialized capabilities in pipe bending. This skill was critical when installing over 1,000 feet of bent pipe for a recent chlorination modification at NASSCO-Mayport, which he completed without rework. He installed the field run piping with such expertise, that it only required five non-coupling joints.

During a replacement of a deck drain, the original pipe installation contained 11 joints however by the end of the installation Harold’s pipe bending skills enabled a reduction in the number of couplings from 11 to six. Harold was also hand-picked to provide assistance at NASSCO-Bremerton. He is the only pipefitter to achieve tack weld certification.

Harold is a mentor to both junior and senior mechanics, and works hands-on to teach them his pipe bending techniques and how to reduce couplings and fittings. In his spare time, he volunteers for a local homeless organization in an under-served community, providing food, a listening ear, and encouraging words, as well as keeping the maintenance on the facility by mowing the grass and cleaning the building.

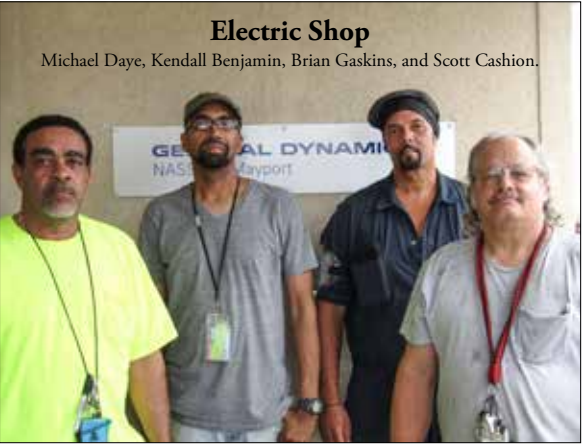
Harold is always willing to lend a helping hand. For this reason and many others he was recognized by NASSCO-Norfolk’s general manager as an ‘employee in the spotlight.’

Harold is truly an inspiration of what a ship repair professional should be, and NASSCO-Norfolk is proud to have him represent us in this achievement.

VSRF is committed to promoting, improving, and recognizing the ship repair workforce in Hampton Roads. The tradespersons are truly the “Strength Behind the Fleet.”

Mayport Travels to Norfolk

NASSCO-Mayport’s contributions aboard USNS Lewis B. Puller (ESB 3) and USS Gonzalez (DDG 68) in Norfolk, VA, during a particularly busy period was cited as instrumental to the work completed aboard both ships. Members of Mayport’s travel teams included project management, structural, and electrical personnel.



USS Essex Sea Trials

AUTHOR:
Peter Kronzer, Ship Manager, USS Essex (LHD 2), NASSCO-San Diego



In May, USS Essex (LHD 2) returned from sea trials following a 14-month Planned Maintenance Availability in support of Joint Strike Fighter modernization for the new United States Marine Corps’ F-35B aircraft. Crews also conducted repairs and maintenance to propulsion boilers and auxiliary machinery, and upgrades to combat, weapons, and navigational equipment and systems.

The sea trials crew consisted of personnel from NASSCO, BAE

Systems, and Continental Maritime San Diego. At-sea testing included topside and interior firefighting systems, propulsion boiler and machinery testing, and combat, weapon, and navigational systems that included Cooperative Engagement Capability weapons groups (CIWS/RAM/Sea Sparrow), and combat systems displays.

USS Essex serves in the Amphibious Group One in the Pacific and is expected to deploy with the fleet later this year.

Ballast Tanks, the Lifeblood of a Modern-Day “Gator”

For the past two years General Dynamics NASSCO has been a team member supporting the Dock Landing Ship (LSD) program in San Diego, with BAE as the prime contractor.

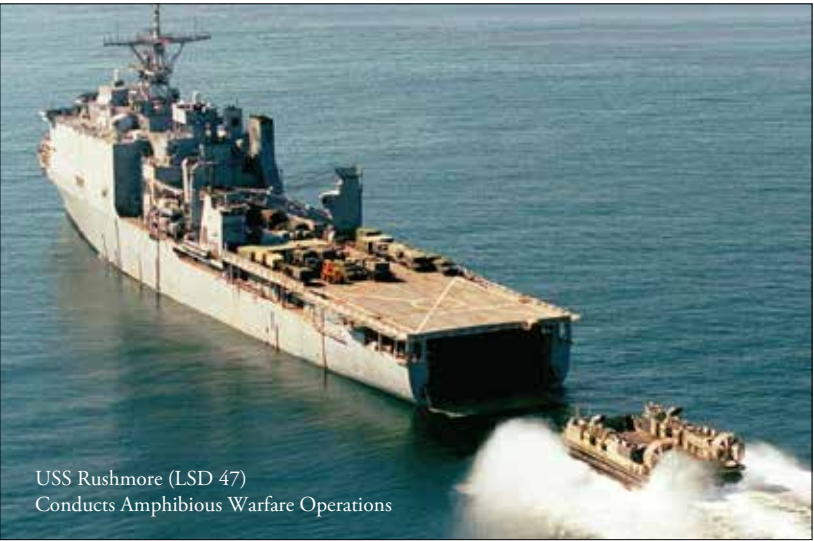
USS Rushmore (LSD 47), commissioned on June 1, 1991, is a Whidbey Island-class LSD of the U.S. Navy. She is the second Navy ship to be named for the Mount Rushmore National Memorial in the Black Hills of South Dakota and is the seventh ship in her class. As an amphibious warfare ship (also known as a “Gator”) the ship can be employed to land and support ground forces, such as Marines, on enemy territory during an amphibious assault.

Recently, the ship completed an extensive, 11-month-long Planned Maintenance Availability (PMA) where General Dynamics NASSCO served in the role as a sub-contractor. One of the major tasks assigned was the refurbishment of 130 tanks. Many of these tanks were huge seawater tanks used in support of ballasting operations. A tremendous degree of effort was exerted in structural repairs, grit blasting, and follow-on paint/preservation.

A work environment which emphasized teamwork amongst management and assigned trade personnel proved invaluable. As an example, two tank test personnel reported aboard the ship very early each day verifying that the required temporary services remained intact for each tank thereby maintaining atmospheric certifications for each tank and affording continuation of production efforts. Then, a daily early morning meeting was conducted, chaired by the Area Manager, with Trade Supervisors in attendance serving to provide clarity of each day’s planned objectives and resolve any issues at hand.

All hands were fully committed to safety

with the message broadcast to all employees on a continual basis with supervisors conducting walkabouts of each worksite and completing hot work audits to ensure safety and cleanliness standards were



adhered to. When any questionable practice was observed it was immediately corrected on the spot. Due to this across-the-board focus there were zero accidents or injuries throughout the entire 11-month repair period.

From the onset of the PMA, NASSCO presented a “can-do” attitude in the satisfactory accomplishment of all assigned work fostering a close working relationship with the Prime Contractor ensuring project success. Superb management efforts kept the prime’s management appraised of progress every step of the way. All repairs were expertly completed with safe, clean, worksites maintained. Despite the fact that the ship commenced the PMA with more than 200,000 gallons of fuel onboard, NASSCO worked closely with the prime and ship’s force personnel identifying a safe way ahead and completing all 130 assigned tanks ahead of the projected completion date with zero quality issues.

Area Manager Dave DeArman attributes Trade Supervision as a key component citing several examples, “The PMA success was due in no small part to the efforts of Tank Tester Production Supervisor Efren Murguia. From the beginning, his

sound advice, strong leadership traits, and vast knowledge and experience paid huge dividends in execution of all tasks assigned.”

He added, “Another standout was tank tester Working Foreman Armando Pineda whose maturity and experience in tank work and daily attention to detail were key components in our success. Additionally, the Quality Assurance Department, notably, Luis Plascencia’s, support in management of the Test and Inspection Plan and thorough tank inspections was superb, as well as, shipfitter General Foreman Ramon Machado and Working Foreman Alejandro Villa and welders Foreman

Victor Alvarez and Working Foreman Jeffrey Graham, who executed inclusive, top-notch, structural repairs.”

Lead BAE Superintendant Dave Mason wrote in part, “I just want to take this opportunity to thank your crew for all your efforts and for being a very supportive team member.”

The Navy’s core shipbuilding specialist stated, “Professionalism, workmanship, quality, commitment to excellence, and tracking was top notch. [Contractor] Crews were outstanding in all that they performed from one end of the spectrum to the other. I could not have been more satisfied.”

The Port Engineer reflected a similar comment in part stating he was “overly impressed (in the team’s) ability to keep this monumental sized tank package on the rails. [The employees’] Dedication to open and honest communication with both the prime and the government took what could have been the lynchpin in the entire PMA package and made it work seamlessly with all the other integrated work.”

**CONGRATULATIONS
TO ALL INVOLVED.**

SECURE OUR FUTURE



SAFETY RECOGNITION: Celebrating Our Total Safety Culture

ON THE ROAD TO ZERO INJURIES

In 2010, we began an initiative known as the “Total Safety Culture” that included, at its core, two beliefs: first, that all accidents can be prevented, and second, that all activities can be performed without risk or harm to people or facilities.

Those beliefs have transformed NASSCO into one of the safest shipyards in the country. Safety is by far the most important commitment and responsibility each of us has as a NASSCO employee. Delivering high-quality products and increasing our productivity is significantly important, however none of it is possible if we can't work safely.

In June, as part of National Safety Month, we celebrated the success of those who exemplify the Total Safety Culture. These individuals continuously exercise personal care and awareness in their work, and take extra actions to keep both themselves safe as well as their co-workers. Below we highlight these individuals:

SAFETY HERO

On May 24, an employee was eating his lunch when a piece of lettuce became lodged in his throat. He was sitting down and tried to cough it out without luck. He stood up with the support of his desk and tried to take in a breath through his nose but the object went further down blocking his airway passage. He turned around from his desk and grabbed his throat giving the choking signal. As he continued to gasp for breath, his supervisor yelled “He’s choking!” and called 911.

Aron Roberts, a Xerox employee who was working nearby, heard the call for help. Aron applied the Heimlich maneuver two to three times to dislodge the lettuce. After being checked at medical, the employee was cleared to return to work.

Thanks to Aron’s quick action, a potential tragedy was avoided. His action exemplified NASSCO’s Total Safety Culture.

INJURY FREE EMPLOYEE RECOGNITION

During the week of June 19, 317 production personnel were recognized for milestone injury-free performance. Recognition is given in five-year increments: 62 individuals received 5-year awards; 181 received 10-year awards; 34 received 15-year awards; 31 received 20-year awards; eight received 25-year awards; and one received a 40-year award, as of December 31, 2016.

These individuals are a testament that safety is a value held at NASSCO.

13TH ANNUAL SAFETY CHAMPION AWARDS

The 13th Annual Safety Champion Awards were held on June 21. Awards were presented to 24 out of the dozens of workers, supervisors, and crews who were nominated for the awards.

Nominees were distinguished by their peers and supervisors as champions of NASSCO’s Total Safety Culture through:

- SIG Membership and Contributions
- Personal/Crew Injury Rates
- Safety Process Improvements
- Audit Team Participation
- Audit Results
- Leading Indicator Safe Site Results
- Hazard Identifications and Resolution
- Training/Communication Activities
- Improvements to Processes, Procedures or Equipment
- Housekeeping/5S Activities that Support Safety
- Gangbox/Safety Gram/5-Minute Meeting Contribution
- Specific Acts of Actively Caring

SAFETY POSTER CONTEST

Thanks to everyone who participated in our safety poster contest. The contest was open to the Area Site Implementation Groups (ASIGs) and their families. The original artwork demonstrates the National Safety Month theme of “Working Together to Keep Each Other Safe.”

THE WINNERS ARE:

- Posters:** Ages 5 and Under: Carolina R. (Legoland 4-pack)
Ages 6 to 8: Levi R. (San Diego Zoo 4-pack)
Ages 9 to 11: Jaeseok K. (Knotts Berry Farm 4-pack)
Ages 12 to 18: Elyctra B. (Magic Mountain 4-pack)

ASIG BANNER CONTEST:

- Repair ASIG (Pair of movie tickets for each contributing member)
- All submissions will be displayed throughout the shipyard.*

Congratulations to the following champions of NASSCO’s Total Safety Culture! 13TH ANNUAL SAFETY CHAMPION AWARD RECIPIENTS



- | | |
|---|---|
| 1. Isidro Alvarez, TIMSA | 13. Wesley McIntire, Welder 6 |
| 2. Ernie Arellano, Crane Operator-DT | 14. Tammy Miller, Area Manager I |
| 3. Juan Arriola, Shipbuilder | 15. Mauricio Moreno, Supervisor Production |
| 4. Trevor Averett, Pipefitter | 16. Allen Mundell, Layout Man P&S |
| 5. Joshua Bellinger, Supervisor Production | 17. Ramane Resilire, Supervisor Production |
| 6. Ramon Cabal, Electrician | 18. Cesar Rodriguez, Supervisor Production |
| 7. Ivan Diaz, Supervisor Production | 19. Randall Rook, Semi-Truck Driver |
| 8. Jose Duran, Painter | 20. Christian Salmeron, Supervisor Production |
| 9. Jessica Gonzalez, Sheetmetal Fitter | 21. SOC 3 2nd Shift Supervisors |
| 10. Arturo Gutierrez, Supervisor Production | 22. Robert Starr, Maintenance Machinist Working Foreman |
| 11. Ismael Jimenez, Electrician | 23. Jesus Zepeda, Painter Working Foreman |
| 12. Juan Lazoya Animas, Waysman A Working Foreman | 24. Harvey Sherrill, Supervisor Maintenance |

Thank you for your continued commitment to safety.

INJURY FREE SUPERVISOR RECOGNITION

How do these production supervisors achieve this?

Hint: It's not by luck.

- Their 5-minute meetings are thorough and meaningful and everyone participates in stretching;
- Their crewmembers evaluate potential hazards before beginning work by completing their Start Safe Cards or Employee Safety Task Cards. The supervisor conducts thorough follow-up and responds promptly to resolve any safety issue even if production is interrupted; and
- They cultivate a culture of safety through daily follow up and prompt actions. Their crews are empowered to identify and correct unsafe conditions and behaviors; this is the most important part of a Total Safety Culture.

A total of 38 production supervisors were recognized with a Gold Award by having greater than 20,000 hours injury-free and two production supervisors were recognized with a Silver Award for having between 10,000 and 20,000 hours per year injury-free for three or more consecutive years.

3M Safety Roadshow Comes to NASSCO-Bremerton

In February, NASSCO-Bremerton held an All-Hands Safety Stand Down event. The event was supported by Jacob Ewer, Seattle Region 10 OSHA Area Director for the United States Department of Labor, and included 3M’s highly trained and credentialed technical service staff of industrial hygienists, safety and plant professionals, and instructors.

The 3M safety road show provided the ultimate training experience and setting for our safety stand down with over 70 employees in attendance. It was challenging to fit this event into our already tight production schedule, however, the company felt the training was in alignment with our culture of safety, and our stance of zero injuries.

3M provided a one-stop shop and share for their personal protective equipment, offering an interactive experience to help enhance our training program. 3M Fall Protection was instructed by 3M’s Rick Maurice, who discussed the dangers of working at heights. Some of the other training elements provided were Metalworking Hazards, by 3M’s Don Garvey, CIH CSP, 3M Tech Service. This training covered metalworking hazards and technical solutions, providing information about health and safety hazards affecting those that work with metal.

In light of recent regulatory changes, we were able to increase employee hazard awareness and the surrounding concerns with exposures to metal hazards such as manganese, HexChrom, and silica.

All in all, the training was a great success!



Safety Focus: Introducing Mayport’s “NASSCO Joe”



Left to right: Kevin Lehane (Production Director), Richard Murray (Safety Inspector), Scott Junkins (Environmental, Health, and Safety Manager), NASSCO Joe ‘2017’, Chuck Strange (Assistant Safety Manager), Karl Haroldson (General Manager), Eric Ramsey (Safety Inspector), Terrill Tatum (Safety Inspector)

Keeping our employees constantly focused on safety requires not only refreshing the message, but sometimes using creativity in the mode of delivery.

This was certainly the case when NASSCO-Mayport Environmental, Health, and Safety Manager Scott Junkins introduced “NASSCO Joe” to our tradesmen. Injuries are marked on a pair of mannequins representing previous and current year and are statically displayed in the production facility.

Supervisory oversight and development of personnel and increased awareness resulted in NASSCO-Mayport having no recordable injuries through the first quarter of 2017. We are glad to welcome “NASSCO Joe” to the safety team.

Enhanced Collaboration Receives ‘Bravo Zulu’ in San Diego

In a letter handed by Navy Commander Fernando Maldonado on behalf of Rear Admiral Don Gabrielson, he thanked NASSCO’s Repair team for their efforts in transitioning Commander, Logistics Group Western Pacific (COMLOGWESTPAC)/Task Force SEVEN THREE to the Navy Maintenance Database (NMD).

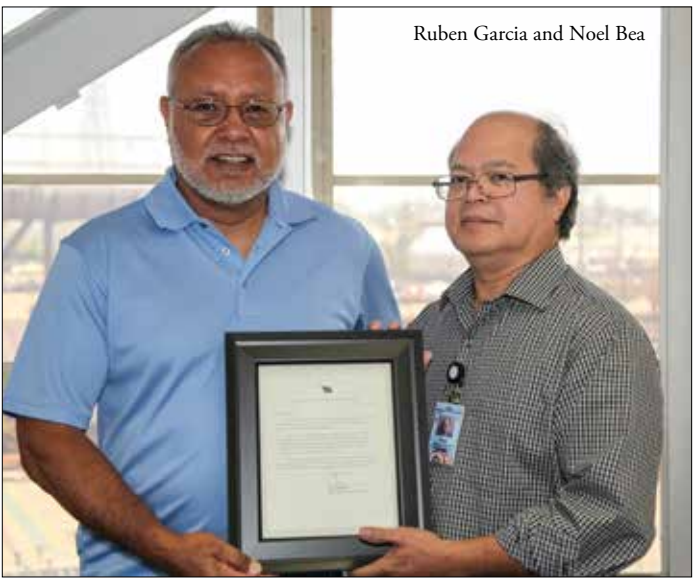
The training project enhanced the ability of COMLOGWESTPAC to conduct advance planning of maintenance availabilities, and to function similar to a Regional Maintenance Center (RMC), increasing productivity.

This is a force multiplier for Task Force SEVEN THREE, and enables them to plan, track, and execute multiple Littoral Combat Ship (LCS) availabilities as the Navy shifts more assets to the Forward Operating Stations (FOS) in the Asia Pacific region.

NASSCO’s Repair team assisted with introducing the COMLOGWESTPAC LCS Maintenance Team (CLWP LCS MT) to the NMD. The training included information on NMD process workflows tailored for CLWP LCS MT and contracts, government and contractor advance planning and execution of NMD functionality, roles and responsibilities, and interfacing the NMD with the Validation Screening and Brokering (VSB) website.

NMD is a depot level Navy maintenance system used at both government and private ship repair facilities. It supports the repair availabilities executed by private shipyards.

The VSB allows authorized users to validate, screen (to availabilities) and broker (to maintenance activities) Work Notifications. VSB also provides enhanced availability management tools enabling the



Ruben Garcia and Noel Bea

maintenance teams to establish, track, and manage the costs of the availability.

The training concluded on March 31, 2017.

Special thanks to Noel Bea, NASSCO Senior Supervisor Engineering; James Pope, Deputy N43 CLWP; and Alonzo Avery, Management Analyst NAVSEA RMC Southwest, ERP Division, Code 1180; for their assistance in coordinating and facilitating the training for this project.



Health Fair & Skin Cancer Screening

Receiving a visit from the Kaiser Permanente Mobile Health vehicle, all NASSCO-San Diego employees were encouraged to stop by for its Health Fair & Skin Cancer Screening on Wednesday, June 28. Campaigning healthy lifestyles such as eating better and becoming more physically active, other features made available by the fair were health assessment sign-ups, positive choice integrative medicine, vaccines, and other laboratory services. Giveaways and raffles were held throughout the day.

CONTINUOUSLY IMPROVE



Brainstorming: A Tool for Continuous Improvement

AUTHOR: Steve Murray,
Manager for Continuous Improvement, NASSCO-San Diego

BRAINSTORMING: WHAT IS IT?

Brainstorming is a tool used by teams for creative exploration of options in an environment free of criticism. Brainstorming includes seven simple steps:



THE BENEFITS OF BRAINSTORMING:

- Creative “1+1=3” the compound effect of the group is greater than the individual
- Generates a large number of ideas
- Sense of ownership in decisions
- Will generate good PII’s
- Leads to problem solutions
- All team members involved

GROUND RULES AND APPROACH

Pick the topic

- Could be a new process idea, a reworked problem, or a customer issue
- What’s eating your lunch?
- What in your daily job is frustrating?
- What could you/we do to make your job easier or safer?

Identify a facilitator to run the session

- Use a Lean Specialist (most departments have several)
- Note: It doesn’t have to be the boss!

Find a quiet location where everyone can be heard

- Group size up to 12 is okay, less is better

Get the group together who you wish to participate in the brainstorming session

- Write the problem/idea you are trying to solve to the group on a board or flip chart
- Answers from the group should be short and quick
- Let everyone speak, don’t force people (put folks at ease)
- If you don’t have an idea say “pass”

Display ideas as presented

- You can write them down or use post-it notes on a board or flip chart
- No real discussion
- Don’t criticize
- Build on others’ ideas
- Speed is important (set a time limit if necessary)
- Eliminate duplicates

Discuss and evaluate ideas (PICK)

- Can often be done by a splinter group after the brainstorming session
- Pick the best solutions (payoff and difficulty can be in scales you choose)
- Use consensus and prioritization to choose

Implement those solutions

Recognize success

- Follow up with the group to status the results of the brainstorming session and implementation
- Keep people informed, let them know their participation has been valuable

RECENT EXAMPLES

The following groups in recent months are using brainstorming techniques at the Operations PII Forum that are generating great ideas through group discussions:

- Trident (Kaizen Events/Problem Solving discussions)
- Electrical (Conducting weekly PII group meetings with mechanics and supervisors)
- Blast, Paint General & Temp Services (Weekly PII meetings with hourly employees)
- PCI (All Superintendents focus eight or more hours a month on PII specific discussions with crews)
- Maintenance, Facilities & Central Tool Control (PII harvesting, via discussions to improve efficiency, safety, cost performance, etc.)

FOLLOW UP

If you would like assistance or training in conducting brainstorming sessions contact
smurray@nassco.com
or rliddell@nassco.com

2017 Lean Specialist Training: Setting the Bar High

AUTHOR:

Robert Liddell, Senior Manufacturing Engineer, NASSCO-San Diego

Every year, one or more Lean Specialist training sessions are offered at NASSCO. Each four-day training session takes participants through a simulated sequence in the use of Lean Tools currently offered at NASSCO, and mimics the actual execution of a Lean Project.

Once training is complete, the newly trained Lean Specialists become resources within their departments to develop projects that eliminate waste and variation from their current process, and reduce labor hours and material costs.



One of the training modules simulates as a Value Stream Mapping (VSM) project. Within this module, each team performs a VSM on the “Lego Exercise” – a core exercise for all Lean Specialist classes as it demonstrates the identification and elimination of the eight wastes (remember TIIMWOOD?).

After completing a future state version, each team tests their improvements against the instructor’s version to see if they could improve it. Not only did they improve upon the results in the instructor’s version, they excelled exponentially. The tools work!

A quiz is given to each participant following each session, along with another quiz the following week to test retention. With an average class score of more than 90 percent, this class scored higher than any other class before them. Talk about setting the bar high!



Keep A Winning Attitude

AUTHOR:

Jim Davis, Manager of Training and Development, NASSCO-Norfolk

Researchers have determined that attitude—one's state of mind—makes up 85 percent of our total success, with job knowledge and job skill representing the other 15 percent. Attitude is the difference maker that's easily discounted, but at one's own risk.

Attitude can, and does, impact everything we do. It's the spirit in which we perform our work, make decisions, and engage with those around us.

IMPORTANT TRUTHS ABOUT ATTITUDE:

- *It affects the way you view and approach life.*
- *It influences the attitude others have toward you.*
- *Your attitude, not your accomplishments, brings satisfaction.*
- *Attitudes are contagious. They do spread.*

If all that is true (and it is) how can one display a winning attitude regardless of circumstance or situation?

PRINCIPLES AND PRACTICES THAT MIGHT HELP:

- **Remember you have a choice.** Whatever attitude you have right now, is the one you chose. Like a shirt or a sweater we pick out of the closet, we do the same with what attitude we will “wear.” Viktor Frankl, a prisoner of war during WWII, said “The one thing that can't be taken away is the power to choose one's own attitude.”
- **Keep a clear perspective.** We all have a looking glass through which we see the world around us. Perspective makes problems bigger or smaller. It's the way you think of and see your problem. Many times a resizing is in order.
- **Stop complaining!** Your attitude influences your communication. Constant lamenting produces negative conversation. Life produces both winners and whiners. Winners just don't complain. They know that grumbling can become an end in itself. Winners do more than just talk about problems, they work to solve them. This leads to the next principle.
- **Find a remedy, not a fault.** Problems require positive solutions. In 1925, autoworkers were frustrated as they removed the butcher paper taped to the cars they were painting. A 3M employee responded with a material that had a lighter adhesive we now know as masking tape. What solutions are waiting, if one looks for answers, instead of looking for blame?
- **Fill someone's bucket.** Mary Kay Ash said “When you see someone, imagine they have a sign around their neck that says ‘make me feel important.’” Every time you interact with someone you are either filling – or emptying – their bucket. Find sincere ways to do the former.

Maintaining a positive attitude is a simple, though not always easy, thing to do. However, it's too important to leave “blank.” Here's to keeping and spreading a winning attitude worth catching!

Our Mission: *To make our workforce better.*

BE PREPARED

Cybersecurity Corner: Passwords

Passwords have become a part of everyday life. We use them for communications, online banking, purchasing goods, and using our electronic devices.

Passwords are the keys to the kingdom. If someone has access to your password, they can essentially become you.

Scary, right?

CREATE A STRONG PASSWORD

The cyber world is filled with numerous “cracking” passwords that use dictionaries that contain millions upon millions of words and word combinations with numbers and special characters that can be used to brute force or guess your password.

One way to protect yourself and your family is to use a “passphrase” rather than a password. A passphrase is a combination of words that ultimately create your password. A passphrase can be lyrics to your favorite song, a favorite phrase or (even better) a personal message you create yourself:

I love to run on Coronado Beach!

IlovetorunonCoronadoBeach!

(Or, make it even more secure)

1/0ve2run0nC0r0nad0Beach!

MORE PASSWORD TIPS

- Use different passwords for different accounts. Use two-factor authentication when possible.
- Use a password manager program or app if you have too many accounts to remember.
- Never share your password with anyone. If anyone else knows your password it's no longer secure.
- Do not use public computers (such as in hotels or libraries) to log into your personal accounts (bank, work, school, etc.).
- A PIN is nothing more than a simple password. Don't use a specific date as those are the easiest to guess.
- When creating an account that asks for personal questions, write your answers backwards, or make it difficult to find if doing a simple search.
- If you no longer use an account, close, delete, or disable it.

If you have any questions or comments, please contact your local NASSCO Cybersecurity office.

Follow us on
Social Media



GENERAL DYNAMICS
NASSCO

Did you know?

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





Jonathan Molnar

When did you start at NASSCO?

I started at NASSCO in the summer of 2015 as an intern in Supply Chain Management in the Purchasing Quality Assurance/Guarantee area. After completing my internship I was

allowed the opportunity to come back to NASSCO as a PDP. I started the PDP program in July of 2016.

What were your previous jobs prior to NASSCO?

As a student I worked as a peer mentor for the college of business at my school, as well as a student instructor for multiple manufacturing classes, and a student assistant in one of the campus machine shops.

What rotations have you had as a PDP?

I have rotated through Paint, Ways, and General Services, SOC 1 & 2, SOC 3, Supply Chain Management, Project Engineering, SOC 6 Steel, Safety, Repair Administration, and Cost Engineering. I am currently rotating through Ship's Management, working on the 544.

What have you learned as a PDP?

What makes the PDP program so unique is the wide range of tasks you get to partake in on a day to day basis. This program has given me the opportunity to see the entire range of career opportunities that NASSCO has to offer. My biggest take away from the program so far has been the relationships that I have gotten to build ranging from the trades to managers. Everyone here has a story about how and why they ended up at NASSCO, and I appreciate the opportunity to hear those stories and get a glimpse into their lives inside and outside of work. Being able to hear peoples' stories has given me a lot of respect for the employees here and I want to do the best I can to support them in whichever ways I can.

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

I graduated from Cal Poly, San Luis Obispo with a degree in industrial technology.

What were your previous jobs prior to NASSCO?

Throughout high school and college I worked at a supermarket in my town moving up from a cashier to a shift supervisor in my later years. As previously noted I also interned for two months onboard USNS Washington Chambers as a part of the engineering crew.

What rotations have you had as a PDP?

During my time as a PDP, I have rotated through Rigging, OPC, SOC 3, SCM, Ship's Management on the 558, Engineering, PMO, and Repair Admin.

What have you learned as a PDP?

During my PDP rotations I have gained a greater knowledge about the yard as a whole; the trades, the management, and how they all come together to produce something beautiful. I realized early in my time here that there is always something to be learned and the best way to do this is to stay humble and open-minded. Some of the best lessons I have learned have been from the NASSCO faithful, some of whom have been here for over 40 years with a wealth of knowledge to pass on. I was fortunate enough during my rotations to receive an extended stay in Ship's Management aboard the Palmetto State. Due to the nature of that department, I got the opportunity to network with a multitude of different departments and trades. This allowed me to gain a better understanding of organizational management. I learned that to be efficient, it was very important to understand the needs of the individual trades and how they relate to the job scope at hand. Like any learning experience though, I've made mistakes; and I think the best learning tool I've gained is being able to realize these mistakes and understand how to better myself on the next go around.

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

I graduated from the Massachusetts Maritime Academy with a Bachelor of Science in marine engineering.

Former PDPs: WHERE ARE THEY NOW?



Rick Adams

Superintendent, Mechanical Outfitting

When did you go through your PDP rotation?

I started at NASSCO in 1994 but didn't PDP until 2002-2004.

What was your #1 takeaway from your experience as a PDP?

The relationships. Build relationships early and often, build your network, build trust. I've been at NASSCO for 23 years and I still go to people for help, that from day one on the job, have helped me in some way shape or form, but I've also helped them too. Just as quick as I turn to them for an assist, they in turn come to me.

I believe open, honest communication and trust are what define a good relationship. It's those relationships amongst your peers, customers, and suppliers that will help you along the way and add to your success. The relationships will be long lasting and help you as you move around the company and progress in your career. Don't go into a rotation with the mindset of checking the box and moving to the next area. Make a positive impact with your new team and lay the foundation for long-lasting business relationships.

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

Make every minute in every rotation count! You won't learn everything there is to know about any one department you rotate through as a PDP. As much as you'd like to, it just won't happen. But you will learn a lot. Step outside your comfort zone and try to get involved in as much as you can, become an information sponge if you will. Your job as a PDP is to learn how the shipyard operates while providing value to each team as you rotate through different areas.

Take full advantage of this opportunity because it goes quickly, your rotations will be done before you know it. A good measure of your success will be whether or not your rotation coordinator gets those phone calls requesting to extend your rotation. Make every minute count, add value to your team, and make sure your coordinator gets those phone calls...the good calls!

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

I have a Bachelor of Science in management with a concentration in manufacturing from the University of Phoenix.

Journey at NASSCO since rotation:

2002-2004	PDP
2004-2008	General Supervisor, Pipe Department
2008-2010	Production Area Manager
2010-2014	Ship Manager (T-AKE and MLP)
2014-Current	Superintendent, Mechanical Outfitting



Gregory Mills

When did you start at NASSCO?

I started working at NASSCO in July of 2016.

What brought you to NASSCO?

I was originally introduced to NASSCO through Erin

Eastman who was a senior cadet mentor in International Maritime Business when I was a freshman in college. She had presented on her wonderful experience as an intern at NASSCO and how she was looking forward to her then newly accepted job as a part of the Professional Development Program. I then got the opportunity to sail for two months as a part of the Engineering Crew on USNS Washington Chambers (T-AKE 11) where I got the chance to see NASSCO's final product. After seeing the culmination of those hours of fine workmanship in action, I became more interested in the yard and started doing more research on the company as a whole. I realized that NASSCO offered something many businesses don't. They offered the opportunity to see it all come together; to have your work truly mean something and in the end having the affirmation that you got to be a part of something larger than yourself. This finally led to me applying to be a PDP when NASSCO representatives attended my college's career fair in the Fall of 2015.

NASSCO-Norfolk EHS College Intern

The NASSCO-Norfolk Environmental, Health and Safety (EHS) Department had the pleasure of hosting an Old Dominion University (ODU) intern for the Spring 2017 semester.

Collin Rice, a senior in the College of Health Sciences at ODU, began his internship on January 9 and completed 400 hours of work before recently graduating in May with a Bachelor of Science degree in environmental health and industrial hygiene. Collin was the first intern in the EHS Department. He was able to learn about real-world applications of work practices, and help company staff with day to day business tasks.

Collin's primary project involved coordinating and conducting the annual review of Hazard Identification, Risk Assessment, and Determining Controls (HIRADC) for work process. He also completed the review of Environmental Aspects and Impacts. This work was done in support of maintaining the

company's OSHA's 18001 and ISO 14001 certifications. Collin methodically reviewed work practices, coordinating with supervisors and the production team to ensure that all parties participated in the evaluation of workplace hazards. He partnered with Clint Spivey, the EHS Assistant Manager and his supervisor, to develop a new and improved database to record his results. As NASSCO-Norfolk prepares for its next certification surveillance audit in July, Collin's project will demonstrate the management system's continual improvement and growing maturity.

In addition to completing the HIRADC project, Collin was able to assist in daily vessel inspection walk-throughs with NASSCO-Norfolk EHS representatives, subcontractors, and government officials. Collin commented that he had always been interested in local shipyards, but had never had the opportunity to travel aboard vessels to witness how repair

work was actually accomplished. He was a quick learner and within weeks became a key support asset for EHS staff. Collin was an extra set of hands and eyes, helping to identify discrepancies and working to fix small issues that could be corrected on-the-spot.

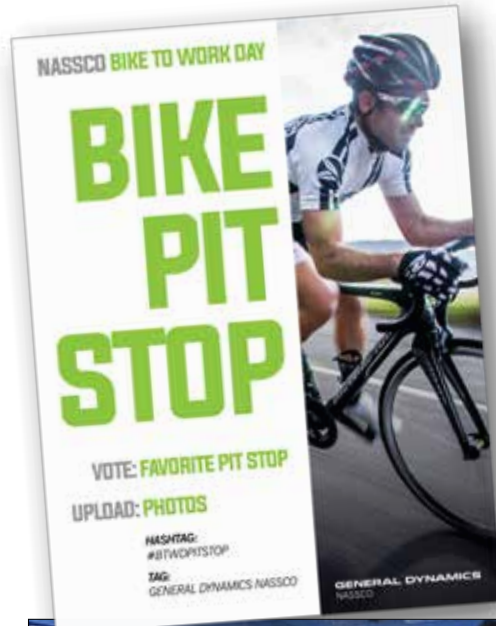
Collin's hard work in college and at NASSCO-Norfolk paid off. Within weeks of completing his internship, he was hired by Delphinus Engineering, Inc. (a local defense subcontractor) as a Health and Safety Specialist. The EHS Department, and entire company, is currently exploring more opportunities for internships as time and resources allow. Many thanks to Collin for all of his hard work and best of luck for continued career success.



IN THE COMMUNITY

NASSCO's Pit Stop on Bike to Work Day

More than 100 cyclists stopped by NASSCO's pit stop for this year's Bike to Work Day on May 18.



Barrio Logan Student Names New NASSCO Tug 'Blue Fin'

As part of its Maritime Month celebration, NASSCO-San Diego invited local K-8 students residing or attending school in the Greater Logan Heights community to name the company's new tug boat.

The contest review committee selected "Blue Fin," submitted by Edgar Cordoba, a fifth grader from King Chavez Academy of Excellence. Edgar won four tickets to the San Diego Zoo and the opportunity to help christen the tug.

Mrs. Bonnie Fanelli, wife of 43-year NASSCO employee and assistant dockmaster Tom Fanelli, christened the tug.

The name "Blue Fin" is very meaningful to NASSCO. Bluefin tuna can be found directly off San Diego's coastline, and are highly sought after by local fishermen. In the 1940s, when San Diego's tuna industry was at its peak, NASSCO was one of the largest tuna boat builders in the region. It's safe to say that most—if not all—of the tuna boats constructed by our company were on the lookout for bluefin tuna at the time.



NASSCO President Kevin Graney with #NameOurTug contest winner Edgar Cordoba



Mrs. Bonnie Fanelli christens the Blue Fin

NASSCO-Norfolk Earth Day: A PII for the Planet

In observation of Earth Day, on April 19 volunteers cleaned up company-owned parking lots and adjacent City of Norfolk-owned properties, including the Elizabeth River shoreline and wetlands area, and city walkways and streets. Approximately 34 employees volunteered after their normal workday was finished, in order to participate in this event. The event was held in conjunction with the nationwide "Keep American Beautiful" clean-up campaign, and Norfolk's local initiative called "Keep Norfolk Beautiful." Volunteers picked up approximately one ton of trash, removed from land that likely would have otherwise entered Norfolk waterways.

The event slogan was "A Process Improvement Initiative (PII) for the Planet," and company participation was rewarded with water, snacks, and Earth Day trinkets. Three participants received free movie passes at a surprise drawing held at the end of the event. Our employees gladly helped out with Earth Day, because caring for the environment is a shared passion and huge responsibility that demands action. The real reward is in knowing that we contributed to preserving the earth for generations to come. Many thanks to all the volunteers who participated and supported the Fifth Annual NASSCO-Norfolk Earth Day Event!



NASSCO Hosts 3rd Annual Clean-Up in Barrio Logan, Logan Heights

On June 3, NASSCO-San Diego hosted its third annual neighborhood clean-up just outside the shipyard gates in Barrio Logan and Logan Heights, and Chollas Creek. More than 200 people participated in the event, including NASSCO employees, servicemen and women from Naval Base San Diego, and community members. The clean-up covered more than 30 neighborhood blocks—making it the largest clean-up event yet—and included an earth-friendly craft station for the kids.



NASSCO's fourth annual neighborhood clean-up is tentatively scheduled for June 2, 2018!



NASSCO's CRC Makes Region-wide Impact



AS PER USUAL, NASSCO'S COMMUNITY CLEAN-UP AND RESTORATION COMMITTEE (CRC) HAS BEEN UP TO A LOT OF GOOD.



"On February 25, nearly 100 volunteers participated in a NASSCO and Groundworks San Diego Chollas Creek (GWSDCC) lead event at the EarthLab facility. EarthLab is a four acre parcel operated by GWSDCC, in partnership with the San Diego Unified School District, as an outdoor conservation education center. NASSCO employees, family, and friends helped prepare native vegetation gardens that ultimately would be used as examples for providing the local public options to landscape their properties to drought resistant native flora. The day was a great success with employees from every facet of NASSCO participating!"

Chad Haza
CRC Lead

"On Earth Day 2017, April 22, PCI helped organize with the CRC a volunteer trash clean-up of a section of ecologically-sensitive tidelands along San Diego Bay. PCI and NASSCO volunteers, including many family members of branch employees, gave up their own time to help collect and properly dispose of discarded single-use plastic bags, food packaging, tires, old clothes, and styrofoam that might otherwise have washed out to sea. It was a rewarding morning of work to restore the local environment and give a little back to the communities that neighbor the bay and the industrial waterfront."

David Fulton
CRC Lead and PCI Project Manager



"On June 3, the CRC brought a small impromptu crew of six members to NASSCO's Clean-up Day who took upon themselves to remove embedded shopping carts and large items from the mouth of Chollas Creek. Each item was extracted like pain-filled teeth from the creek bed and it's mostly all smiles now. We even amazingly hooked an old decaying mattress and moved it out from the center to the sidelines and picked up two full bags of debris. Is there more to do? Always. However, what was accomplished included items that have been there for a very long time, and would have been there for years longer."

Chad Haza, CRC Lead



SAVE THE DATE: UPCOMING EVENTS!

August 26, 2017 • Operation Clean Sweep
September 16, 2017 • California Coastal Cleanup Day



"On May 13, a small group of CRC members met at the Living Coast Discovery Center (LCDC), a non-profit located on the Sweetwater Marsh National Wildlife Refuge in Chula Vista. It's coastal zoo and aquariums are home to over 1,000 plants and animals, and is unique in that all are native to San Diego. Under the guidance of the resident horticulturist, affectionately known as the "Plant Manager," the nine team members set work planting several varieties of native flora. Three

hours later we hung up our pickaxes and shovels and looked over at our contribution: 168 plants had new homes at the LCDC and all the plants in the vicinity had a well deserved drink of water via the bucket brigade. It was extremely rewarding knowing that the CRC helped contribute to this little gem of an education and restoration center. It didn't hurt that we were able to pet the stingrays after either."

Jessica Hopper, CRC Lead

EMPLOYEE CORNER

San Diego: Preparing for Recall

AUTHOR:

Nathan Doherty, Senior Labor Relations Representative, NASSCO-San Diego

The workforce reductions NASSCO has experienced this year have been difficult for many of our employees. While NASSCO has been the recipient of recent contract awards, production work on those projects is not scheduled to begin until 2018. However, we are continuing efforts to shorten the duration that employees will remain on layoff status and outreach efforts to keep in contact with laid off employees. Below are a few reminders for employees awaiting recall.

In order to be contacted for recall, we need to know how to reach you. There are several ways to update your contact information. Employees can fax or mail the Change of Address form included in the layoff materials, call Labor Relations at (619) 544-8507, or stop by the Benefits Office in Building 1. Individuals also now have the option to update contact information for recalls electronically via NASSCO's website at www.nassco.com/update. In addition, it is also a good idea to provide an email address to receive electronic messages about recall announcements.

Did you know that even while you are on a layoff status as a NASSCO employee, you can still keep your weld certifications current? Keeping weld certifications current is recommended to speed up the return to work process. Certifications must be updated every three months. If you know or believe that your current certifications will expire during layoff, please contact NASSCO's Weld School at (619) 544-8788 or (619) 544-3649 to schedule an appointment before the certifications expire. The specific instructions for maintaining your weld certifications are outlined in the Outplacement Resource Guide.

For more information about recalls, contact information or weld certifications, please contact Nathan Doherty in the Labor Relations Department at (619) 544-8803 or Nathan.Doherty@nassco.com.

NASSCO Is “Drug-Free Every Day”

AUTHOR:

Nathan Doherty, Senior Labor Relations Representative, NASSCO-San Diego

According to OSHA, ten to 20 percent of all work-related fatalities test positive for drugs or alcohol. In fact, of the 14.8 million employed Americans, 70 percent use illegal drugs. (National Council on Alcoholism and Drug Dependence, Inc.). Marijuana is the most commonly used and abused drug by employees nationwide, followed by cocaine, with illegally used prescription drugs steadily increasing.

As part of our Total Safety Culture, NASSCO is committed to bringing substance abuse awareness to all employees and their families. Maintaining a drug-free workplace is not only required by law, but it is also good business for NASSCO.

At his all hands meetings, President Kevin Graney asked a couple of important questions. First, “What is your commitment to NASSCO?” Second, “What is

NASSCO's commitment to you?”

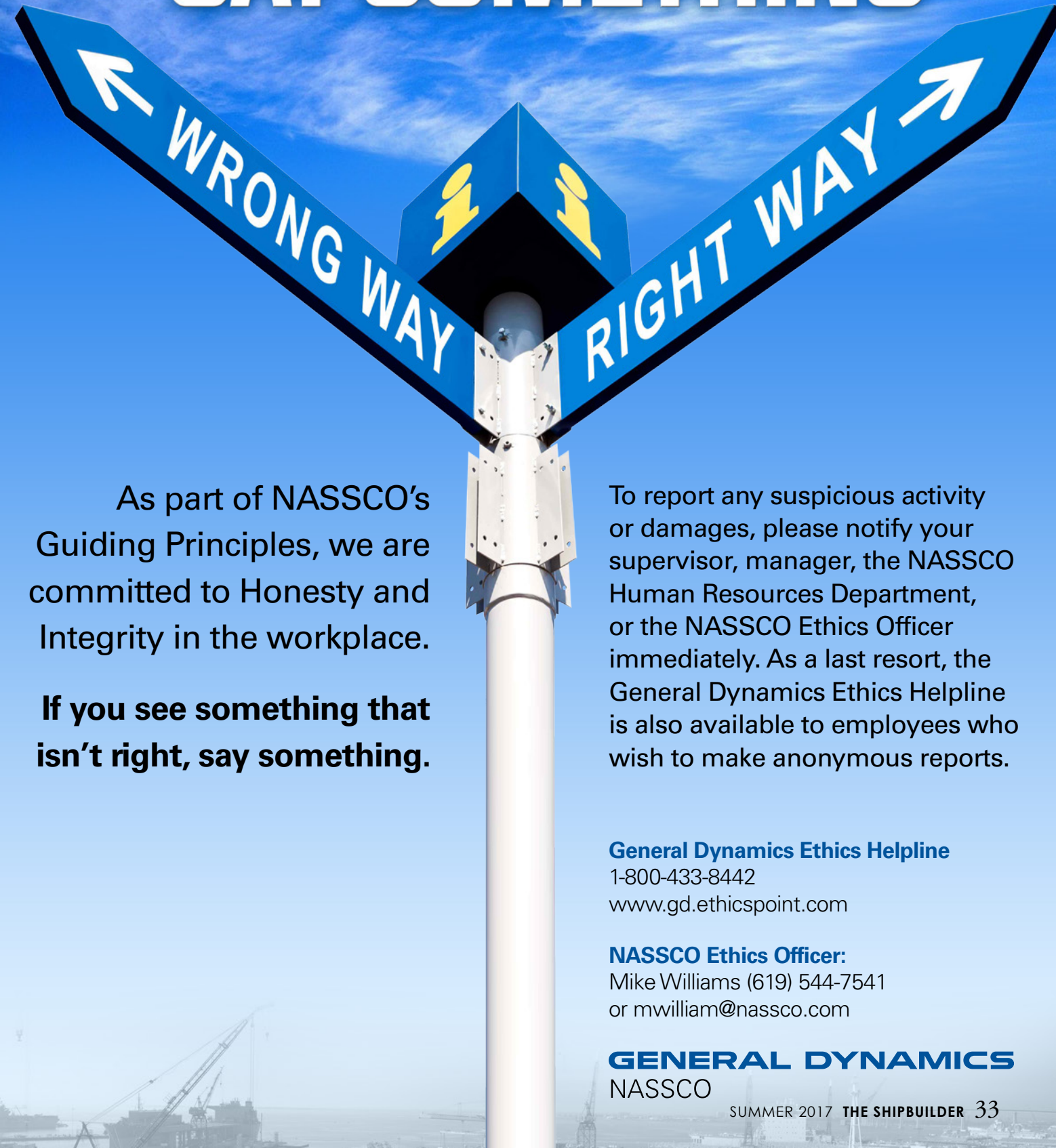
NASSCO's largest commitment to all employees is safety. Safety in the shipyard includes our commitment to support a drug-free workplace. A drug-free workplace reduces injuries, decreases accidents, and improves the overall health and productivity of our workforce. A healthy and committed workforce means more competitive opportunities for NASSCO and more work for our employees and future generations to come. Show your support for NASSCO's Total Safety Culture and support NASSCO's “Drug-Free Every Day” commitment.

Unfortunately, employees with substance abuse problems may try to hide or conceal the problem for fear of losing their jobs. But, there is another option.

As part of our commitment to help employees succeed and be drug-free, NASSCO wants to remind employees about the Employee Assistance Program (EAP). The EAP is an avenue for those struggling with any type of substance abuse problem to seek help, find support, and follow a path to recovery before the problem affects their jobs. The biggest step any substance abuser will ever take is to admit to a substance abuse problem. Call Labor Relations at ext. 8506 today if you need help, or just stop by our office in Building 1. We are committed to helping all employees live “Drug-Free Every Day” and continue to be part of our NASSCO team.

- **Labor Relations ext. 8507**
- **Medical Department ext. 8861**
- **Security ext. 8401 (after hours)**

IF YOU SEE SOMETHING, SAY SOMETHING



As part of NASSCO's Guiding Principles, we are committed to Honesty and Integrity in the workplace.

If you see something that isn't right, say something.

To report any suspicious activity or damages, please notify your supervisor, manager, the NASSCO Human Resources Department, or the NASSCO Ethics Officer immediately. As a last resort, the General Dynamics Ethics Helpline is also available to employees who wish to make anonymous reports.

General Dynamics Ethics Helpline
1-800-433-8442
www.gd.ethicspoint.com

NASSCO Ethics Officer:
Mike Williams (619) 544-7541
or mwilliam@nassco.com

GENERAL DYNAMICS
NASSCO

NASSCO-San Diego All-Hands Employee Appreciation Luncheon

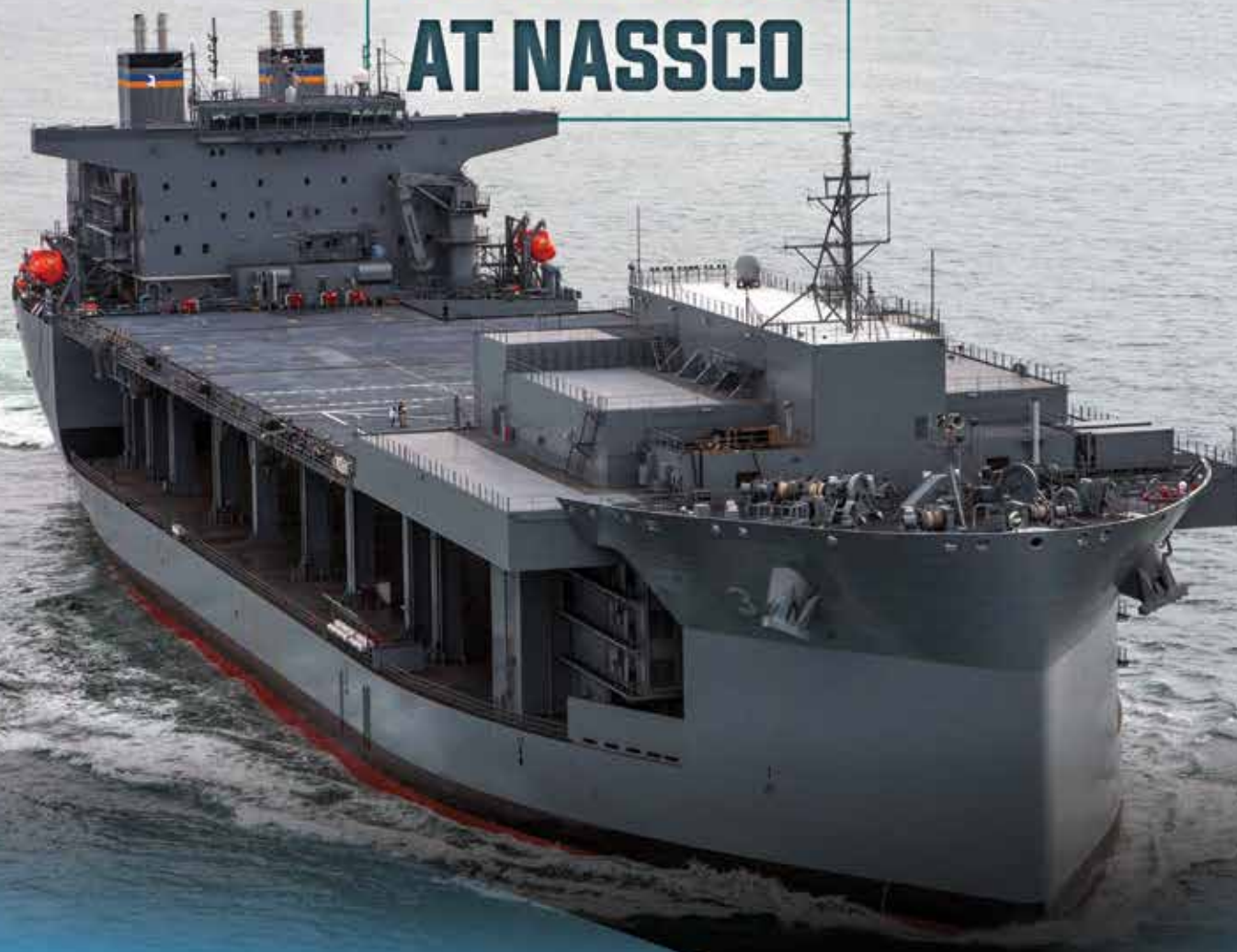


In appreciation of everyone's hard work and contributions to NASSCO's new construction and repair accomplishments over the past two years, NASSCO management in San Diego hosted an all-hands appreciation luncheon for employees.



GENERAL DYNAMICS
NASSCO

STAY IN THE
KNOW
AT NASSCO



Sign up to receive text messages containing important company information, including:
Weather updates | Important shipyard events | Important shipyard news

TEXT "NASSCO" to 95577

Opt in Terms Summary Terms & Conditions: Our mobile text messages are intended for subscribers over the age of 18 and are delivered via USA short code 95577. You may receive up to 4 message(s) per month of test alerts. Message & Data Rates May Apply. This service is available for phones with text messaging capabilities, and subscribers on AT&T, Verizon Wireless, T-Mobile, Sprint, Virgin Mobile USA, Cincinnati Bell, Comcast Wireless, United, US Cellular, and Boost. For help, text HELP to 95577 or email stac@nassco.com. You may stop mobile subscriptions at any time by text messaging STOP to short code 95577.

By participating, you are allowing the General Dynamics NASSCO Communications Department to send text messages to the assigned device. The participant will be responsible for any charges associated with receiving or sending text messages.

Annual Earth Month Creative Arts Contest Results



Thank you to everyone who submitted artwork for this year's Annual Earth Month Creative Arts Contest, and congratulations to our grand prize recipients! Participants were asked to submit artwork based on the theme: "Take Care of My Future."

NASSCO-San Diego's Annual Earth Month Creative Arts Contest gives NASSCO employees, co-contractors, and their families an opportunity to express their creativity and appreciation for the environment. The annual contest is held in conjunction with Earth Month.

CONGRATULATIONS TO THE FOLLOWING GRAND PRIZE RECIPIENTS:

Leo G.
0-5 years old



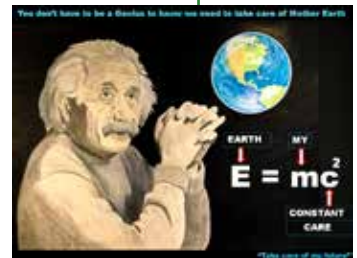
Dharma N.
9-11 years old



Rodrigo L.
6-8 years old



Samantha A.
12-18 years old



Hal L.
19+ years old



SIGNS Happenings: Spring & Summer 2017

SIGNS was in full swing this Spring and early Summer.

Like to hike? Bike? Play sports? There's probably a SIGNS for you. Visit www.nassco.com/employees/signs to learn more or to view more event photos. All employees are welcome to participate in SIGNS activities.



SIGNS Softball



SIGNS Field Day



SIGNS Softball Winners



SIGNS Volleyball

Save the Date!
Upcoming SIGNS Events:

- **August 19:** President's Cup Kickball Tournament
- **September 16:** President's Cup Cornhole Tournament
- **October 28:** President's Cup Softball Tournament



SIGNS Field Day



SIGNS Softball



SIGNS Field Day



SIGNS Field Day



SIGNS Volleyball



SIGNS Motorcycle Ride



A Small World Helps Uncover NASSCO Treasure

AUTHOR:
Mario Principato
Supervisor of Tidelands 1 and 2,
NASSCO-San Diego

About two years ago I was talking to a priest at Our Lady of the Rosary Church in Little Italy and mentioned that I worked at NASSCO. A lady named Katie overheard our conversation and said that her late father worked at NASSCO years ago as a general supervisor of the carpenter shop.

As it turned out, her father, Joe Florentino, was my first supervisor and hired me to work in the carpenter shop. Not only was he my boss, he was my friend.



I ran into Katie at the end of last year and she asked if I wanted a painting she had recently uncovered in her father’s garage. When she presented the painting to me, I was shocked to see that it was an oil painting of NASSCO’s waterfront in 1978. How special! The piece of art was created by one of Joe’s sign painters, Roger.

The oil painting proudly hangs in my office and is a reminder of the ‘good ole days.’ If you ever get the chance to visit Tidelands, I would love to show you—and share a spooky story from when I first received the painting.



Anthony Tangredi
Administrative Assistant
Repair Materials



NASSCO’s Bi-Annual Blood Drive

A special thank you to everyone who donated blood in March. Blood donation is the act of giving life and because of your generosity, many lives will be saved. Our March drive collected 48 pints of blood—enough to save 144 lives. Each person who donates blood is entered into a drawing to win prizes.

Congratulations to our March Blood Drive drawing recipients:

*Let's see if we can top this number
during our next blood drive in August!*



Mato Crljen
Senior Designer



Mission Valley 2 Is Open for Business!

Mission Valley 2, located at 7420 Mission Valley Road, is now open. The two-story building is just two buildings from Mission Valley 1, and houses ISD, Finance, and Supply Chain.



Shipyard Workers of Hampton Roads Portrait Series

AUTHOR: Leslie Jackson
Executive Assistant,
NASSCO-Norfolk

Glen McClure is a Norfolk, VA native and professional photographer specializing in photo series that capture every day people in their daily life.

In June 2014, Glen embarked on a photography series to capture Hampton Roads shipyard communities, taking 395 photos of shipyard workers, at nearly every shipyard in the area.

NASSCO-Norfolk was privileged to garner over a dozen of these captured portraits of employees. The images will be shown this summer at four separate exhibitions at art centers and museums in Hampton Roads. Glen believes his portraits speak to the importance of shipyard work in our area, and to the hardworking and dedicated men and women of the shipyard.



Retirement

JOAQUIN ARECHIGA
March 6, 2017
38 years • Telescopic Boomlift Operator

BRUCE RICHARD BELL
June 2, 2017
12 years • Shipfitter Working Foreman

THOMAS M. CHEE
March 6, 2017
44 years • Manager, Environmental Engineering

CRAIG ALAN GRIEBEL
March 31, 2017
10 years • Cost Engineer

JUAN F. HERNANDEZ
May 31, 2017
43 years • Pipe Welder Working Foreman

**MANUEL SOLANO
HERNANDEZ**
April 21, 2017
33 years • Painter

RICHARD H. JAEGER
March 6, 2017
41 years • Master Production Control Analyst

DIANE LYNN JOHNSON
April 13, 2017
22 years • Designer 1

GEORGE M. LAY III
January 6, 2017
24 years • Label Installer Working Foreman

SEBASTIAN P. MACIAS
February 24, 2017
42 years • Abrasive Blaster

ANGELITO S. MAGYAWI
March 31, 2017
34 years • Pipefitter Working Foreman

NICOLAS F. MARTINEZ
March 31, 2017
28 years • Chipper

NOEL T. MURILLO
April 13, 2017
33 years • Shipbuilder Working Foreman

FRANK RICO RODRIGUEZ
May 12, 2017
35 years • Supervisor Subcontract Administrator

TINA L. ROMO
June 2, 2017
41 years • Human Resources Generalist III

JUAN G. SALUDES
May 26, 2016
37 years • Area Manager 1

CARLOS A. SANTAMARIA
April 21, 2017
13 years • Painter

**HERBERTO AMARGO
VILLARTA**
April 6, 2017
15 years • Maintenance Electrician

Spotted



Jose
Perez



Dylan
Dockery



Pedro
Miramontes



Enrique
Sosa



Pedro
Garcia



Team
Bremerton

USS Freedom (LCS 1) Undocking
Naval Base San Diego
May 4, 2017



Photo courtesy of Vincent Magers, NASSCO Dockmaster

Mayport Employee Spotlight:

WALTER QUARTERMAN

Walter Quarterman, also known as “Q,” began his career at NASSCO-Mayport five years ago as an outside machinist. Soon after, he was selected to fulfill the role of Mayport’s Work Authorization Form (WAF) Coordinator, largely due to his organizational skills and excellent relationships with his co-workers. In this role, Walter oversees the process for the WAFs and Technical Work Documents for all repair activities throughout the course of the ship’s availability.

Walter was born and raised in Miami, and is a graduate of Hialeah Miami Lakes High School – home of the Thoroughbreds! He was on the football team as a linebacker and defensive tackle. Notable alumni include Bucky Dent, Roell Preston, and Jon Secada.

Prior to joining NASSCO-Mayport, Walter retired from a 20-year Navy career, where he served all 20 years stationed in California. Prior to joining the Navy, Walter worked as a butcher.

He has a daughter in the dentistry profession and a son who owns a contracting business. His hobbies include grilling and smoking meats, and fishing. The largest fish he ever caught was a 15 lbs. halibut in California.



Walter Quarterman

Q&A WITH WALTER:

1. If you could give the world one piece of advice, what would it be?
No nuclear weapons
2. What do you value most in other people?
Their trust
3. If you could choose one of your personality traits to pass on to your children, what would it be?
Responsibility for your actions
4. What do you value most in life?
My children
5. Who is your greatest sports hero?
The 1972 Miami Dolphins
6. What is your favorite film?
True Lies
7. Would you prefer to live in the country or the city?
The country
8. Three places you would like to visit?
Puerto Rico, Brazil, and Italy
9. Who do you most admire throughout all history?
Rev. Martin Luther King
10. Name three activities on your bucket list?
Travel on all of Route 66, marlin fishing, and hunting

Announcing the 2017 NASSCO Dependent Scholarship Program Recipients



NASSCO is pleased to announce the 2017 NASSCO Dependent Scholarship Program recipients.

Ellyn Brouillette is a 2017 honors graduate from Helix Charter High School. As part of her extracurricular activities and as an active member of her community, she participated in beach clean-ups and worked with the Hubbs Sea World White Sea Bass Rehabilitation Program. Attending San Diego State University in the fall, Ellyn will major in pre-environmental engineering with a possible minor in entrepreneurship. She is the daughter of Tammy Miller, an area manager.

Vanessa Macias is a 2017 honors graduate from Hilltop High School. An active member of both her school and community, she organized three separate blood drives and has volunteered at both the San Diego Blood Bank and Chula Vista Scripps Hospital. A first

generation college attendee, Vanessa plans to study political science and international studies at Heidelberg University in Ohio in the fall. She is the daughter of Robert Macias, a welding control analyst in Repair.

The annual and highly selective NASSCO Dependent Scholarship program is open to all dependent children of active, salaried NASSCO employees. Awarding \$2,000 per year and renewable up to three additional school years, the scholarship is applicable towards tuition, textbooks, equipment, or lab fees. By the time of submission, applicants must be in high school or an undergraduate enrolled in a two or four year college program, and maintain 2.5 grade point average or above in order to continue the scholarship. Only two recipients are selected per year.

To learn more about the program, please visit:
<https://nassco.com/employees/dependentscholarship>

In Remembrance

Sergio F. Beltran
January 16, 2017
34 years • Waysman

Charles Arthur Downes
February 27, 2017
17 years • Sr. Logistician

Manuel Dela Torre Mejia
March 4, 2017
21 years • Sheetmetal Fitter

Arturo Lopez
March 25, 2017
39 years • Planner/Scheduler

Cesar F. Ramirez
February 14, 2017
34 years • Shipwright

Richard L. Smith
March 18, 2017
36 years • Foreman Machining

Paul F. Thuemmler
April 29, 2017
21 years • Supervisor Estimating Repair

Meet the BABIES

Birth Announcements



ADDISON LUREE WARREN

Born: February 25, 2017

Mother: Melinda Jones
Buyer



AVALON B. WILLIS

Born: January 25, 2017

Grandmother: Jeanne Willis
Outfit Engineering Department



LUCIBEL CRIMSON ROBLES

Born: January 24, 2017

Father: Danny Robles
Marine Coating Inspector



MAXIMUS CESAR RODRIGUEZ

Born: January 10, 2017

Father: Cesar Rodriguez
Pipe Department



DECLAN PEARSE BURKE

Born: January 7, 2017

Mother: Debora Burke
Vice President Human Resources



JOSIAH DANIEL ROBLEDO

Born: October 7, 2016

Mother: Karina Montiel
Material Analyst, Repair

SUBMIT BIRTH ANNOUNCEMENTS

Email information and photo to communications@nassco.com.

RECENT NASSCO VISITORS



1. Boy Scout Troop 170 (Mission Bay)
2. Students from Manteca Unified School District
3. Assemblymember Randy Voepel, State of California
4. Staffers from U.S. Senator Kamala Harris' Office
5. Supervisor Kristin Gaspar,
County of San Diego Board of Supervisors
6. U.S. Congressman Mario Diaz-Balart
7. General Dynamics Chief Information Officer Forum
8. U.S. Congressman Joe Courtney
9. U.S. Congressman Mac Thornberry
10. Rear Admiral William J. Galinis,
Program Executive Officer, Ships
11. U.S. Congressman Ken Calvert
12. U.S. Congressman Rob Wittman
13. DSEC Visit
14. Councilmember Georgette Gómez, City of San Diego
15. Captain Brett C. Hershman, Commander, U.S. Navy

Above: On April 26, newly-elected Portsmouth Mayor John Rowe visited the NASSCO-Norfolk Harper facility. He toured the entire yard, stopping by the Steel Shop to view our jet stream water table capabilities.

Mayor Rowe was so inspired by our shipyard and conversations on the impact of a government down-turn of work, that he voluntarily submitted his own letter to Congress in support of a balanced budget versus another continuing resolution, on behalf of our industry. Mayor Rowe took the time to shake hands with many of his constituents. We look forward to continuing work with him and the city of Portsmouth in the future.

GENERAL DYNAMICS

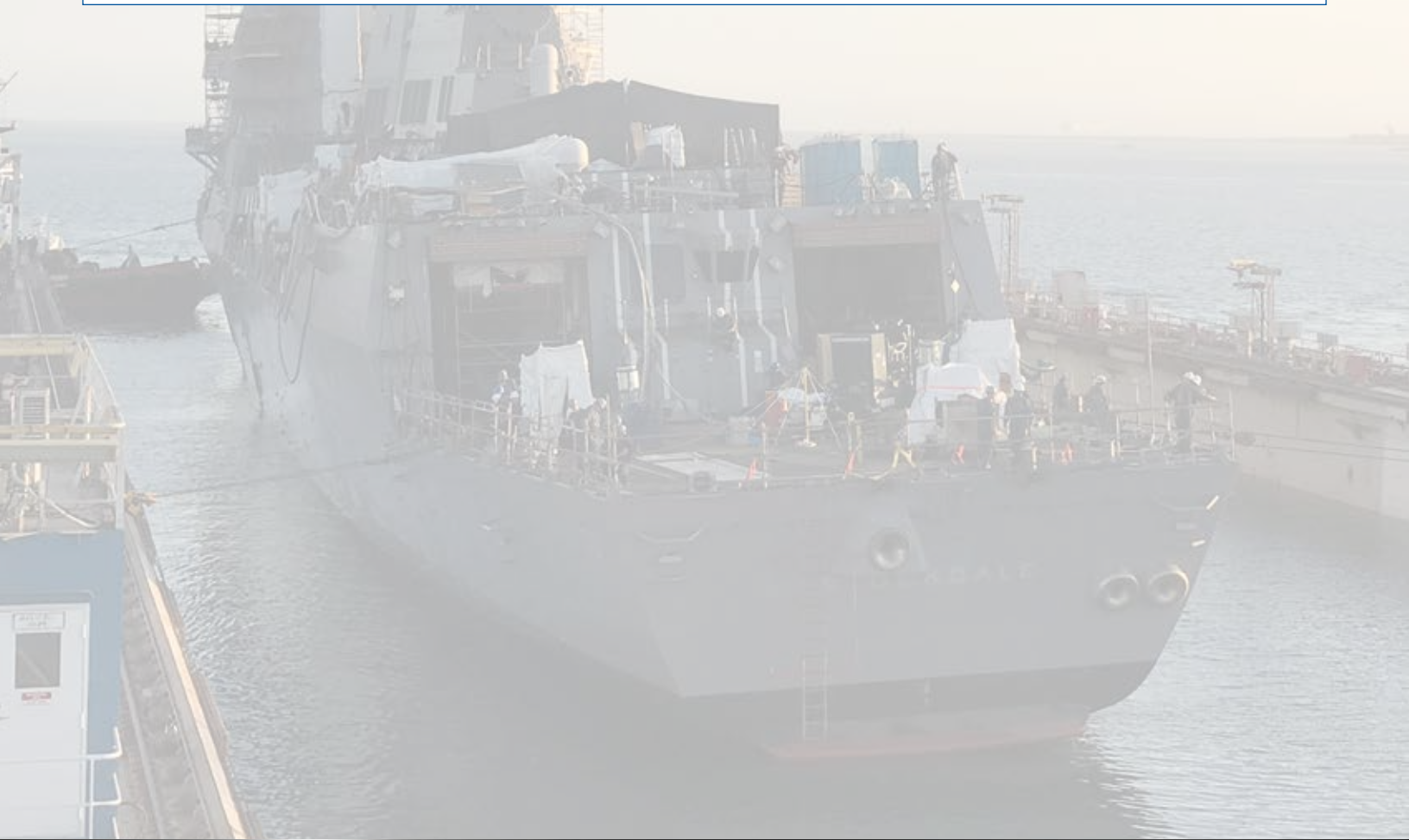
NASSCO

P.O. Box 85278

San Diego, CA 92186-5278

PRSRT STD
U.S. Postage
PAID
San Diego, CA
Permit #429

PLEASE DELIVER TO:



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 August 25, 2017.

