



Build Teams to Build Boats

The definition of Teamwork is the collaborative effort of a group to achieve a common goal or to complete a task in an effective and efficient way. As shipbuilders at Electric Boat, you are all familiar with being a member of a team to achieve your day to day tasks which ultimately contribute to the Quonset Point Team delivering modules to support the completion of submarines. To increase the volume and velocity at which we can deliver products to each other it is crucial that we collaborate with our teammates to identify and implement process improvements and find efficient ways to work with each other. Here are some examples of team work from the recent Manufacturing Team PI Show that stood out.

The 904 “Bending Bros” Team worked with their supervisor to improve machine utilization by adding a second qualified operator to the bending machine. This allows for the machine, which is a limited resource, to bend more pipes for downstream customers. The momentum of this team will surely bring more process improvements in the future. Process improvements do not have to be individual efforts, work with your team to find solutions that can be implemented. Supervisors, engage your teams to identify methods to improve performance, be open to their feedback and inputs.

In 904 Pipe Packaging, the team communicated with engineering about an issue that consistently caused the need to remove tape residue from pumps. Working with their engineering teammates the shipping specifications are being updated to reduce or eliminate the residue in the future. This is a good lesson that if a product you are receiving is in a condition that does not set you up for success, communication with engineering or the supplying department can remove roadblocks to your success. They are all part of your team.

In the 922 Hanger Shop tracking individual work orders to meet scheduled completion dates was a cumbersome task that took 5 hours. The Hanger Shop team was introduced to a dispatch report in PowerBI that compiles most of the required information in less than 5 minutes. Another example of communicating to your extended team.

In the 901 Machine Shop machinists consistently received hand wheels for the LOT that were not fabricated within tolerance. After this happened several times, the supervisor asked the supplying department if a fixture is used to fit the hand wheels. They did not have a fixture, but thanks to coordination with engineering there is one designed and under construction for future hulls.

The AMP Facility presented the use of Cobots to weld liners into Missile Tubes. Cobots are collaborative robots that can work in close proximity to the operator due to safety features built in to the arm. While this PI required a substantial investment, it does showcase the team work required to make improvements to volume and velocity. The Operations, ECC, Robotic and Weld Engineering teams all contributed to implementation of Cobots for this use.

Teamwork is a critical aspect to being an effective and efficient Shipbuilder. Please engage and encourage communication and collaboration throughout your team.

Corrie Albergaria

Manager of Operations, D901

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Continuous Improvement

What is Employee Engagement?

Over the past several years, EB has worked on creating an environment of continuous improvement so we can all better ourselves and our workplaces. Hopefully you have been introduced to Employee Engagement in Continuous Improvement by your team. Whether you have, or haven't, this article aims to define the core principals and some of the common misconceptions.

First let's look at the core principals and vision:

- Continuous improvement is a necessity for every business and should be engrained within our daily operations. We must seek out every opportunity for improving our daily processes.
- Every employee has the capability and responsibility for seeking opportunities to make their job and the jobs of their fellow shipbuilders safer and more efficient. In doing so, you will be providing yourself and your colleagues with a significantly more enjoyable work environment and the assurance that you will return home safe every day.
- No employee should be afraid to challenge the status quo or raise any of their concerns.
- Our leaders throughout the organizations are the champions for their employee's efforts to improve the safety, efficiency and cost of their processes.

Now, let's look at some of those misconceptions:

"It's a program"

False, continuous improvement is a mindset; it's a necessary part of how we all do what we do every day. Just like safety, while it may seem unnecessary to have a goal if continuous improvement should be part of how we work, it provides a means by which management can measure how effectively their leadership team are engaging and leveraging their employees' experience and knowledge to make our work safer, easier and faster. It also provides documentation of improvements which may be applicable to other areas of the business.

"Once I submit an idea, someone will implement it for me"

False, there is no team in place to read the suggestions and ideas, then implement them or solve the problems. Continuous improvement should be central to our everyday operations. Empowering every employee to execute their suggestions after approval gives us power over our jobs, and a chance to learn new things without burdening any one person. This is not to say that we should not seek to solve those problems which may seem insurmountable. For ideas the team thinks will have the biggest impacts, but might need some outside help, the supervisor can elevate those to your management team, who should be your biggest advocates and champions. You can find information on how to move your ideas forward on the Help Docs tab in the CIAD (QP PI Guide).

"It's only the responsibility of non-management personnel"

False, quite the contrary; members of EB management are expected to not only seek opportunity for improvement in their own work, but to also engage those for whom they are leaders of in continuously seeking opportunities for improving how safe and efficiently they work. They must also be a champion for their employees when the solution to a problem needs additional help to get it over the finish line.

We all need to make CI a daily routine. Three things to remember:

- We can no longer "do it like we always have".
- We have to find better ways to do our work.
- We need your help to find those "better" ways.

Have a process improvement idea, or simply just want a board to bounce ideas off? Discuss your idea with your Supervisor. If additional resources are required for implementation, your Supervisor can contact Process Engineering.

Heat Exhaustion

Heat Stroke

ACT FAST

- Move to a cooler area
- Loosen clothing
- Sip cool water
- Seek medical help if symptoms don't improve

Dizziness

Thirst

Heavy Sweating

Nausea

Weakness



Confusion

Dizziness

Becomes Unconscious

ACT FAST

CALL 911

- Move person to a cooler area
- Loosen clothing and remove extra layers
- Cool with water or ice

Heat exhaustion can lead to heat stroke.

Heat stroke can cause death or permanent disability if emergency treatment is not given.



Stay Cool, Stay Hydrated, Stay Informed!



2024-2025 PROVIDENCE BRUINS GROUP OUTING

ELECTRIC BOAT



See some of your favorite Boston & Providence Bruins take the ice in Providence with the return of the Black & Gold Game at the AMP!

Tickets starting at \$30 Per Person

PURCHASE ONLINE NOW AT:

www.ProvidenceBruins.com/ElectricBoat

PURCHASE INSTRUCTIONS: Once purchased, you will receive an email from Fevo, our group ticketing platform, with instructions to access your tickets. For more info, please call/email: Anthony with the Bruins at (401) 680-4713 or Pontrelli@pseagency.com.

If anyone is fluent in American Sign Language and would like to volunteer on an as-needed basis, please contact Dr. Andrews with you name, badge, shift, and contact info at sandrews@gdeb.com



QP Weekly Safety Briefing

08/25/2024 - 08/31/2024



- Just Arrived! USS Minnesota hoodies, short, and long sleeve T's
- USS District of Columbia Coin in stock! Gift one or add to your collection!
- Reebok RB8894 Rapid Response Side-zip boots fully stocked!
- Keep drinks cold for 9+ hours or hot for 3 hours in a Corkcicle Tumbler!

Hours of Operation

7:30 am to 4:00 pm

GENERAL DYNAMICS
Electric Boat

EBP-02852: EB has established health and safety as the company's number one priority.

Week 35



Job Opportunity - Robotic Welder - D914

Robotic Welders are skilled welders that will operate a Robotic System to weld and insert missile tubes into the Columbia Class Submarine.

Our new modular construction technique outfits four missile tubes. Once the four-tube section is assembled, this quad pack is completed with a hull section, joined with additional quad packs, and then outfitted as a complete missile compartment with decks, systems and other equipment. Duties may include Basic Robot Operation to include welding, grinding, scanning & cutting, structural work along with hand and mechanized welding for RT quality.

To learn more about this position please apply thru the internal job posting page or contact Lauren Palana in Staffing at lpalana2@gdeb.com/ 401-208-8413.