



Repurposing the South Yard Ways and Bays for Production

As we are all a witness to, the shipyard is going through a period of rapid changes. With the growth that EB is experiencing and the lack of available real estate within the shipyard, Facilities has had to look at repurposing existing spaces for production. The south yard ways and bays were an obvious choice, since they are large, open, covered spaces that were previously used for production. For those not familiar, the south yard bays and ways encompass Buildings 256, 131 and 132 and it was here that the Nautilus was launched back in 1954. Most recently, a majority of this space was used for warehousing and the remaining areas contained small manufacturing and R&D operations.

Over the past year, the Facilities team has been working diligently to assess the condition of the spaces, as well working with the Operations, Program Office and Planning stakeholders to develop the requirements and the scope of work for the renovations. Now with the funding in hand, we are ready to start the execution of this critical work.

In early 2021, Building 256 was cleared and new electrical services were installed to support emergent QP offload work of the Columbia RC Passageway. This space is now slated to go through another transformation as it's outfitted to support both Virginia and Columbia steam generator and pressurizer construction. Construction is slated to start in the Spring of 2022 to support a Fall of 2022 need date. The scope of work includes an enclosure within the

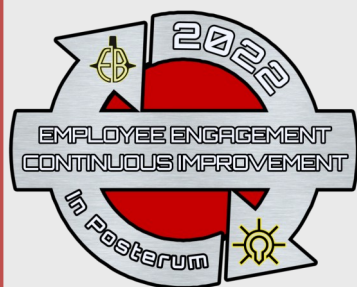
building, mezzanine, new electrical distribution panels and production gases.

Construction will begin in the Spring of 2022 in Building 131 to support a Fall of 2022 first use for the outfitting of Columbia's Auxiliary Machine Room 2 decks. Aside from relocating warehousing, the southern opening of the building will be widened to support module movement. This will require out-of-service utilities and equipment to be removed. The project will install new production gas piping and electrical service with distribution panels to feed the work cell. Additionally, the building will be getting a much needed facelift with the removal of derelict windows on south and east sides, which will be replaced with siding and translucent paneling at the top. The window removal scope also involves significant steel rehabilitation of the supporting structure to meet current building codes.

I hope all of you are as excited and proud of the upcoming projects as I am, which will enable EB to continue delivering the advantage that protects our sailors, our families, and our freedom.

Pete Miller

Manager, Facilities Engineering - D508



Continuous Improvement

“Costs do not exist to be calculated, Costs exist to be reduced” - Taiichi Ohno

Reduced Costs through Continuous Improvement

Many of us seek employment with a company for the security and the reduced stress. There is nothing wrong with this. There is certainly something to be said for the security of a weekly or bi-weekly paycheck and provided benefits. However, what may be lost on us is the balance of revenue, re-investment and overhead expenditure which any business must manage to be successful. Interestingly, it's likely that a great many of us are invested in General Dynamics stock, making every shareholder a part owner.

Those of us who have purchased company stock, we are hoping for those share prices to increase over time so that we have the greatest chance of retiring comfortably. Now, this doesn't mean we all need to start pouring over general dynamics financial filings, but by embracing that ownership and being business minded we have the opportunity to have an incredible effect on our success through incremental improvements.

Historically speaking, companies which have delivered consistent gains on their stock price have been those with sound financials and the ability to grow or maintain solid profits year over year. Profit, in simple terms is simply revenue minus operating costs. One of the greatest means of reducing costs is by leveraging the innovation and observation of our employees. There are near limitless opportunities for contribution to cost reductions.

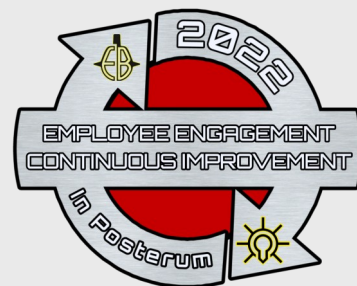
If you observe an instance of:

- An employee's time being wasted on non-value added work (Searching for tools or utilities, waiting in line, performing rework etc.)
- Material being wasted
- Need for a more efficient tool or piece of equipment

Then you have identified an opportunity for cost reduction and process improvement.

I will add that a common misconception is reduction in costs will somehow negatively affect a person's employment. While a fear of efficiency increases is understandable, it is often mistakenly perceived as a threat. Let us not forget to be business minded. When all of us seek opportunities for cost reduction and those of us in management empower the improvements which bring those reductions, we can have a real effect on profits. Profit enables cash flow which enables raises, investments in facilities and equipment, company benefits and more than likely a healthy return on stock investments.

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.



Black History Month 2022: Meet the Black Engagement Council (BEC)

BLACK HISTORY MONTH

“THE COMMITMENT THE BEC HAS TO THE COMMUNITY TO INCREASE AND IMPROVE BLACK PROFESSIONALS’ CAPACITY TO EXCEL IS WHAT INITIALLY ATTRACTED ME TO THE ORGANIZATION. I WOULD NOT BE IN MY CURRENT POSITION IF NOT FOR THE ADVICE AND HELP FROM THE BEC MEMBERS AND ADVISORS.”

CHUKWUNYERE UWAKWE

OPERATIONS SUPERVISOR AT ELECTRIC BOAT.

DIRECTOR OF EXTERNAL PROGRAMS FOR EB’S BLACK ENGAGEMENT COUNCIL (BEC).



How would you answer the question: Who are you?

I was born and raised in Nigeria and came to America at the age of 16. I went to college in the beautiful country roads of West Virginia at West Virginia University, where I received my undergraduate degree in Petroleum and Natural Gas Engineering. I decided to use my love for traveling as an opportunity to study at Cranfield University in the UK, where I received a master's degree in Offshore and Ocean Technology with Subsea Engineering in 2016. I began my professional career as a Structural Designer at Bath Iron Works (BIW) in 2017, and later transitioned to become an Electrical Designer for D456 at Electric Boat. At this time, I joined the Black Engagement Council (BEC) and have been an active participant for the past three years. After spending nine months in D456, I transitioned to D411 as a Sustainment Engineer for the Virginia Class. After two years in that department, I transitioned to become an Operations Supervisor for D241. My family is from the Igbo tribe, and when I'm not working, I like to spend time with my family and friends, go to the beach, travel to new places, try new food delicacies and watch soccer (especially Arsenal FC), history, crime shows and more.

Why do you like working at Electric Boat?

I enjoy working at EB because I am able to merge my passion for the ocean and engineering. EB allows me the privilege of seeing the construction and design of future marine technology come to success. I truly enjoy the challenge that comes with solving problems in a fast-paced environment. I really enjoy the team environment and working with the best shipbuilders in the world.

Why does the BEC matter to you?

The BEC matters to me because it supports the community and allows me to work with like-minded co-workers who have fostered the growth of my professional career. The people I have met in the BEC have improved my professional network and connections within the community. The commitment the BEC has to the community to increase and improve Black professionals' capacity to excel is what initially attracted me to the organization. I would not be in my current position if not for the advice and help from the BEC members and advisors.

BLACK HISTORY MONTH

“I JOINED THE BEC EARLY IN MY CAREER, AND IT HAS NOT ONLY FOSTERED MEANINGFUL RELATIONSHIPS AND CONNECTIONS, BUT HAS PUSHED ME OUT OF MY COMFORT ZONE AND HELPED STRENGTHEN ME AS A PERSON.”

ASIA TERRY

PROGRAM OFFICE REPRESENTATIVE AT ELECTRIC BOAT.

MEMBER/FORMER TREASURER OF EB’S BLACK ENGAGEMENT COUNCIL (BEC).



How would you answer the question: Who are you?

I was born and raised in Syracuse, New York and graduated from Syracuse University with a Bachelor of Science degree in Mechanical Engineering. I began my career at EB in July 2012 with D487, where I oversaw the development of butterfly valves for the Columbia Class. From D487, I transferred to D201 where I supported various projects, including leading the pilot of Augmented Reality at Quonset Point. From D201, I was accepted into the Professional Rotation Program, where I am currently supporting Brian Pringer and Ray Melancon with offsite maintenance and modernization, as well as Taylor LaLonde with the Hartford engineering overhaul (EOH). Outside of work I enjoy crafting, knitting, gardening, reading, web development and Korean dramas.

Why do you like working at Electric Boat?

Electric Boat has allowed me to have many unique experiences and opportunities that I do not believe I would have received anywhere else. There is a wealth of history here, many people to learn from and the work that we do is meaningful.

Why does the BEC matter to you?

I joined the BEC early in my career, and it has not only fostered meaningful relationships and connections, but has pushed me out of my comfort zone and helped strengthen me as a person.



Warm up from head to toe at the Fairwater Store!

- Tons of boots!
- Carhartt & Timberland apparel
- Custom Order Jackets, Rainwear, Boots, etc.

Hours of Operation

Bldg 88: 8am to 4pm
Bldg 104: 8am to 4pm
New London: 7am to 2pm (M-W)
7am to 1:30pm (Th)

Shock Prevention 101



1. Before handling any electrical equipment don the proper PPE (Make sure gloves are dry)
2. Inspect electrical tools and equipment thoroughly before use or handling
3. Remove damaged equipment from service immediately!
4. Return it to the point of issue or an ECC designated area for repair or disposal

If you discover damaged live electrical equipment and cannot disconnect it safely contact ECC for assistance ²

Electricity will always take the path of least resistance!

If you feel sick, PLEASE STAY HOME!

DIRECTORY

When calling from an outside line, remember to dial 433 and the last four digits of the numbers below.

EMERGENCY	3-3333
Ambulance.....	3-3344
Fire Department.....	3-3617
EEO Officer.....	3-4167
Benefits.....	3-4201
Employment.....	3-7386
Environmental.....	3-2791
Ethics Hotline.....	1-800-433-8442
Payroll.....	3-3702
Safety.....	3-2811
Security.....	3-5530
Van Tran.....	3-7603
Timekeeping.....	3-6604
Training.....	3-0591
Yard Hospital.....	3-3470
Rad Con.....	3-5019

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To submit ideas, contact rmarques@gdeb.com

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No Current Traffic/Parking Announcements