



Facilities and the Annual NAVSEA Audit

The annual NAVSEA 08 Audit will be upon us soon - auditors will be on site from May 12-17. If you recall, prior to last year's audit, EB self-declared a Facilities "A" item prior to NR's arrival. The language used in the "A" Item submittal is below:

Beginning in February of 2023, the Groton shipyard has experienced two major failures of shipyard critical systems.

- On Feb. 4th, 2023, we had a major failure of our GD3 Pontoon. The failure was caused by brittle fracture which originated in undocumented work that occurred on the top deck.
- On April 26th, 2023 we had a shipyard power outage that affected multiple buildings and shore power to SSN 799. We are currently evaluating the root cause of this event.

In addition, there have been critical system material and equipment failures that are documented on TLS/DLS reports. These events, in total, indicate that there is a trend toward declining reliability of our critical systems.

Furthermore, Electric Boat has not established a standard for maintenance and preservation.

What did the team learn and have we improved?

- *A culture of "risk acceptance" was prevalent within the shipyard.* Improvement? Yes. For example, a tube leak formed on the Land Based Steaming boiler during steaming of SSN799. The leak was constantly monitored while testing continued but when the Maintenance team operating the boiler and the Engineering team responsible for the system became concerned, the boiler was safely secured despite the impacts to shipboard testing.
- *Self-identified deficiencies were not being addressed.* Improvement? Yes. Enterprise-wide, we corrected approximately 3,000 facility deficiencies identified during inspections in the wake of the audit. Many of these deficiencies were sins of the past – such as

abandoned systems and equipment that were left to rot because we didn't value removing them. Since much of the abandoned systems and equipment has been removed, we can now better assess what's remaining and active. A repeat of the 2023 inspections in March 2024 found ~80% fewer deficiencies. We're getting better every day.

- *Ownership of assets and systems were unclear.* Improvement? Yes. MDD-04530 has been developed to clearly define roles and responsibilities for system ownership. It defines technical leadership and system owners that monitor, among other things, the condition of systems and equipment. The shutdown of the LBS boiler is an example of that ownership in action.

A lot of great work has been done and the team is proud of that but there is still much to be done. Currently, we are addressing Preventative Maintenance performance. We need to improve and we will, just like in the items above. Building and testing the most sophisticated product on the planet is really hard and ensuring our facilities and equipment are materially ready at all times is essential to support those efforts. The team looks forward to working together to increase our focus and improve in this critical area of our business.

A handwritten signature in black ink that reads "DAN".

Dan Careb

Director of Facilities & Construction Support

FOLLOW ELECTRIC BOAT SOCIAL MEDIA CHANNELS



The Groton WIB is produced by EB Communications.
To submit ideas, contact ebcommunications@gdeb.com



Continuous Improvement

Overproduction



Where is all this coming from??

If **Overproduction** concerns sound like a luxury that deserves a back seat at Quonset, your most likely not alone. On the surface, producing beyond what's needed showcases a department's capabilities, and at a time of increasing demands, it seems more is better. How then, could **Overproduction** be included as one of the **eight types of waste**? Diving into the issue, we find that **Overproduction** has many hidden costs that create complications down the production line.

In a previous WIB article on the **eight types of wastes**, we discussed the issues created by excess inventory. We reviewed how excess inventory utilizes valuable space and resources, and how it is critical to look at downstream departments as our customer. Excess inventory is often times created by **Overproduction**, which directly contradicts the needs of both our internal and external customers.

Overproduction also creates issues repairing defects. If an issue with a batch of parts is noticed, each additional part that was created past what is needed will require that rework. **Overproduction** ultimately makes us less maneuverable as a company, creates excess inventory, masks manufacturing problems, can create rework, and ultimately causes issues for our customers.

So, what can be done? The first step is to evaluate why **Overproduction** is occurring. Some of the primary catalysts of **Overproduction** include:

- Unstable Scheduling - Fluctuation in releasing new work
- Unreliable Processes & Production Risks - Fear of breakdown or material shortages
- Unbalanced Workloads - Fitting more material than what can be welded
- Large Batches to Gain Efficiency - Staying on same machine setup to complete all possible work
- Inaccurate Forecasting of Material Needs - Producing material based on a quota instead of schedule

As the company looks to accommodate an ever increasing demand from the Navy, it is critical that production out our facility becomes as efficient as possible. While at face value, **Overproduction** doesn't seem like a problem, the issues that it creates to our immediate internal customers are compounding.

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.

PAY LESS FOR YOUR PRESCRIPTION MEDICATION



The EB Family Pharmacy is almost always going to be the most cost effective choice when filling your prescription medications.* In addition to cost savings, the EB Pharmacy provides personalized medication advice and guidance.

Services include

- Free shipping of prescription medications directly to your home
- Specialty medication refills (Humira, Dupixent, Stelara, Skyrizi, Otezla etc)
- On-site pick up at certain locations at EB (CT only)
- Synchronizing your medication refills so you can get all your prescriptions in one stop
- Free diabetes medications and supplies when enrolled in the Dimensions program

Significantly discounted over the counter items

Seeing is believing

Take a look at the cost of some of the most commonly filled medications at the pharmacy, as well as over the counter items. Below are just a few examples.

Prescription	Qty	Retail	EB Pharmacy	% Saved
Alprazolam 0.5mg	90	\$11.77	\$6.48	44.9%
Bupropion XL 150mg	30	\$12.59	\$7.32	42.0%
Cefdinir 250mg/5ml	100	\$23.91	\$15.16	36.6%

Brand Name	Generic Name	Qty.	Walgreens	EB Pharmacy	% Saved
Advil 200mg	Ibuprofen 200mg	500	\$17.99	\$6.64	63%
Tylenol 500mg	Acetaminophen 500mg	100	\$9.99	\$1.07	89%
Aleve 220mg	Naproxen 220mg	90	\$10.99	\$2.23	80%

Ready to switch?

The EB Family Pharmacy makes it simple to move your prescriptions over. Call your location's EB Pharmacy, provide them the name and number of the current pharmacy you use, and they will do the rest.



**Must be on an EB UHC medical plan to access prescription drug coverage through the EB Family Pharmacy.*



- We Build Freedom gear back in stock!
- Hurry In!! USS Arizona apparel back in stock!!
- Just in - GDEB 125th Anniversary merchandise!
- Find it here! Stanley 12ft Engineer Scale tape measures! Always in stock

Bldg 4: 9:30a to 4p

Bldg 104: 8a to 4p (6a to 3p Wed.)

New London: 7a to 2p

7a to 1:30p Th.



Weekly Safety Briefing

04/28/2024 – 05/04/2024



How would your life,
and the lives of your
loved ones, change
if you lost your
eyesight?

Remember, protect
your eyes!



GENERAL DYNAMICS
Electric Boat

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

Week 18

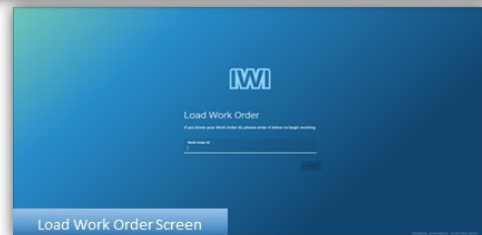
NOW AVAILABLE! NEW WEB-BASED IWI



New web-based version of Interactive Work Instruction (IWI) to replace the current Java version

The new web version provides the same user functionality as the Java version while also incorporating improvements, developed from user feedback that was captured during piloting efforts, including:

- » Ease of access
- » Built-in 3D viewer
- » Identifiers to gather material
- » Incorporations of Searchlight
- » Built-in WPDD sketch viewer



Call, email or submit a DARTS Support Request to connect with a DARTS representative:

Phone: Groton (860) 405-9883 | Quonset Point (401) 268-1386 | Email: ebdart@gdeb.com

For non-urgent matters, submit a DARTS Support Request (DSR) to request assistance

For urgent tool-related issues, please call the EBIT Help Desk at (860) 433-HELP