

Work Planning and Readiness for Success

As the new Director of Construction Readiness, I wanted to share some perspective and initiatives that support work preparation and readiness. We are transitioning into a new work environment at QP. This environment is defined by key variables, including: high rate production; first time build and first time test evolutions; new tools and processes; new design work instructions; and a growing and inexperienced staff across all organizations. We are all facing challenges and pressures to start work on schedule and rapidly progress that work.

To manage all these challenges and best position ourselves for success, we must strengthen our construction readiness efforts. Insufficient readiness results in rework, out-of-sequence work, schedule slippage, cost overruns, and inefficiencies leading to downstream delays supporting for EB customers and key milestones. *So what are we doing?*

We are growing a new team, led by Robert Marseglia, focused on VIRGINIA Class and COLUMBIA Class construction readiness. *Construction readiness* is the coordination of activities and products that should be completed prior to start, to ensure first time quality. Rob is leading our team to drive these readiness efforts in the following stages:

Detail Design: Identification of high-risk, unique, first time evolutions or builds and formalizing a ‘hand-off’ of information from the new-design to the construction support and Operations organizations.

Pre-construction (T-12 months): Completion of products and services required to support the “4-P’s” of readiness.

Early construction (T-8 weeks): Final readiness efforts, validation of paper and material, and hand-off to Operations to support construction start.

In order to accomplish these readiness goals, we are establishing construction *Major Area Team Leaders (MATLs)*, who will be responsible for coordinating readiness actions, initially focusing on first-time builds for both VIRGINIA and COLUMBIA Class programs. They will lead readiness reviews, drive support organization action, and support post-construction hotwash evolutions throughout steel fabrication, manufacturing, and outfitting.

Readiness reviews are underway, and have commenced on SSN802 Section 2A, SSN803 3F to 4 pairing, SSBN826 Reactor Compartment deck, Nucleonic deck, and Engine Room Forward (ERF) post-paint outfitting. Upcoming readiness reviews include SSN 803 3E12 & 3E34 post-paint outfitting, pairing of 3F/4, to 5 and SSN804 3F fabrication. For COLUMBIA class, upcoming readiness reviews target post-paint outfitting of the Missile Control Center Module (MCCM), Turbine Generator Module, and Motor Module decks. *We will only continue to grow from here!*

What are the “4-P” elements of readiness?

Paper:

Do we have all completed work instructions?

Do we all completed engineering instructions (e.g., drawings, Manufacturing Engineering Documents (MEDs), Nuclear Construction and Repair (NCRs), etc.)

Do we have an updated detailed build plan?

Parts:

Do we have all material available and ready?

Do we have all fixtures, critical tooling and assets available and ready?

Place:

Do we have an updated spatial location and plan for this product?

Do we have a workcenter readiness plan for this product?

People:

Do we have sufficient people to accomplish the work?

Do we know the critical skills required, and do we have the requisite training and qualifications?

Does the lead trade know who the dedicated point of contact from support organizations are?

Safety:

Have we assessed past safety issues, or lessons learned, from similar builds or evolutions?

Have we sufficiently ‘engineered’ safety into our processes and equipment?

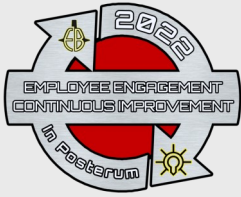
The goal of these readiness reviews is to support all phases of construction in resolving the “4-P’s” of readiness, mitigate risks, and supporting schedules. We will also assist in identifying lessons learned to support continuous improvement hull over hull.

What does readiness look like for you? Work readiness, or job preparation, applies to all of us at Quonset Point. Whether we work in planning, engineering, quality, test, inspection, or operations, we all should pause and evaluate the job to be done, and if we are sufficiently prepared to start. We can’t expect seamless execution if we haven’t done proper preparation. Too often, we rush to get started and stumble into our work, resulting in potential rework and delay. Are you prepared to start that next job? When in doubt, ask for help.

Want to learn more about construction readiness? Please reach out!

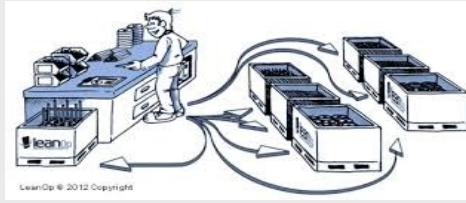
Steph Woloshin

Director of Construction Readiness



Continuous Improvement - Downtime Series

Transportation



Say you hire a plumber to fix a leaky pipe. You provide the plumber the all the necessary pipe specifications prior to arrival. Upon inspection of the job the plumber informs you that all his materials are at his shop and he must return there to procure them. The plumber returns to your house 1 hr later with materials that match the specifications provided prior to arrival at the job. The plumber finishes the job and bills you from the initial arrival time to when the job is completed. Would this be acceptable to you, the paying customer? You just wanted the plumber to fix the pipe as quickly as possible.

The same logic applies in our business. Our customer will not pay for the movement of products and people which goes beyond what they expect or need. Of the eight types of waste, transportation is one simple to recognize. Sometimes we may see obvious examples like that of the driving plumber. This is likely due to this extra work, still being just that, work. We may find ourselves feeling busy, which leads us to believe we're adding value to the product.

While you're going about your jobs, always keep in mind whether what you're doing involves excess transportation of yourself or your product.

For example:

- Movement of modules between QP and Groton.

Ideally all of the build components would be manufactured in the same location facilitating flow. The Groton Shipyards size constraints do not allow for that. The company addressed this by shipping modules in the largest and most complete form, minimizing the number of barge trips.

- Due to a backlog in QP, joints were shipped to Groton for inspection supporting the build schedule. After inspection the joints are returned to QP for installation in the modules.

This provides opportunity for lost and damaged material. This was addressed by adding inspection capacity, reducing the transportation to and from Groton.



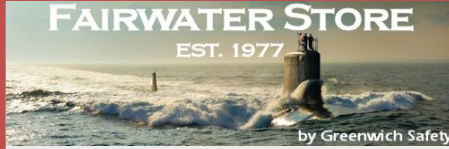
Juneteenth (short for "June Nineteenth") marks the day when federal troops arrived in Galveston, Texas, in 1865 to take control of the state and ensure that all enslaved people be freed. The troops arrival came a full two-and-a-half years after the signing of the Emancipation Proclamation. Juneteenth honors the end to slavery in the United States and is considered the longest-running African American holiday. On June 17, 2021, it officially became a federal holiday.

This year, Juneteenth will be observed on Monday, June 20. Employees who intend to commemorate the holiday by taking time off from work should notify their immediate supervisor by the end of first shift on June 15. Employees can take PTO or flex the week with prior approval. Please note, Juneteenth is not a floating holiday. It will not be charged as a holiday, and you must communicate with your supervisor if you wish take time off or flex your hours to observe the holiday.

A message will follow from Electric Boat timekeeping. For questions on EB's recognition day celebrations, please reach out to EB_DEIE@gdeb.com.

SSBN 826 COLUMBIA Keel Laying - June 4, 2022





- **Timberland Titan 6" Alloy Toe Boot in stock now!**
- **NEW"" SSNB 826 COLUMBIA Hat now available!**
- **Caterpillar Hat/Sock bundle -\$20**
- **New stickers! Mississippi, Hartford, and COLUMBIA**

Hours of Operation

7:30 am to 4:00 pm

7 am on Wednesdays 6/1, 6/15 & 6/29



Quonset Point Weekly Safety Briefing
Wk-24 06/12/22 – 06/18/22



PAY ATTENTION
TO WHAT YOU'RE DOING,
THE TOOLS YOU'RE USING,
AND THE WORK AROUND YOU



Week 24

GENERAL DYNAMICS
Electric Boat

Policy Statement # 13: Electric Boat Corporation has established Occupational Health and Safety as the Company's Number One Priority.

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COVID Vaccines available in the Dispensary every Friday from 8:00am to 4:30 PM. No Appointment required.

Weightlifting and Men's Health

By Brian Roberson, Certified Personal Trainer at Electric Boat

June is Men's Health month! This month, the EB Fitness Centers want to give you some information on weightlifting and how it benefits men's health. Weightlifting is a great addition to the routine of anyone that wants to look, feel, and perform better. It has been shown to increase bone density and improve balance. Resistance training doesn't just strengthen your arms, legs, and core, but also your heart. It can lower blood pressure and reduce the risk of stroke (some studies show that two weight-training sessions per week may be as effective as blood-pressure-lowering meds). Gains aren't only made in the weight room, but also in your mental health, with reduced bouts of anxiety and depression.

Getting started is easier than you think.

1. Set a time in your schedule for a recurring session – whether its 15 minutes or 60 minutes, one day or five days, anything is better than nothing!
2. Plan your workout beforehand – this maximizes time efficiency and workout effectiveness.
3. Fuel up properly – make sure you aren't pushing too hard on an empty stomach or while dehydrated.
4. Progress – as you get into a routine with your weightlifting, be sure so increase weights, reps, or sets to avoid plateau, make workouts interesting, and keep the gain train moving.

As a man, I understand that it can sometimes be hard to ask for help. EB provides resources to help you improve your health and reach your goals. In Quonset Point, you have access to several local YMCAs to work out at no cost for yourself, your spouse, and your dependents ages 12-26! Reach out to Erik Teter, Wellness and Benefits Specialist for more information at 401-268-2490.

PLEASE OBEY ALL TRAFFIC SIGNS AND MARKINGS IN EB PARKING LOTS