

GENERAL DYNAMICS

Bath Iron Works

BIW Projects In Progress & Follow Up



BIW Process Control

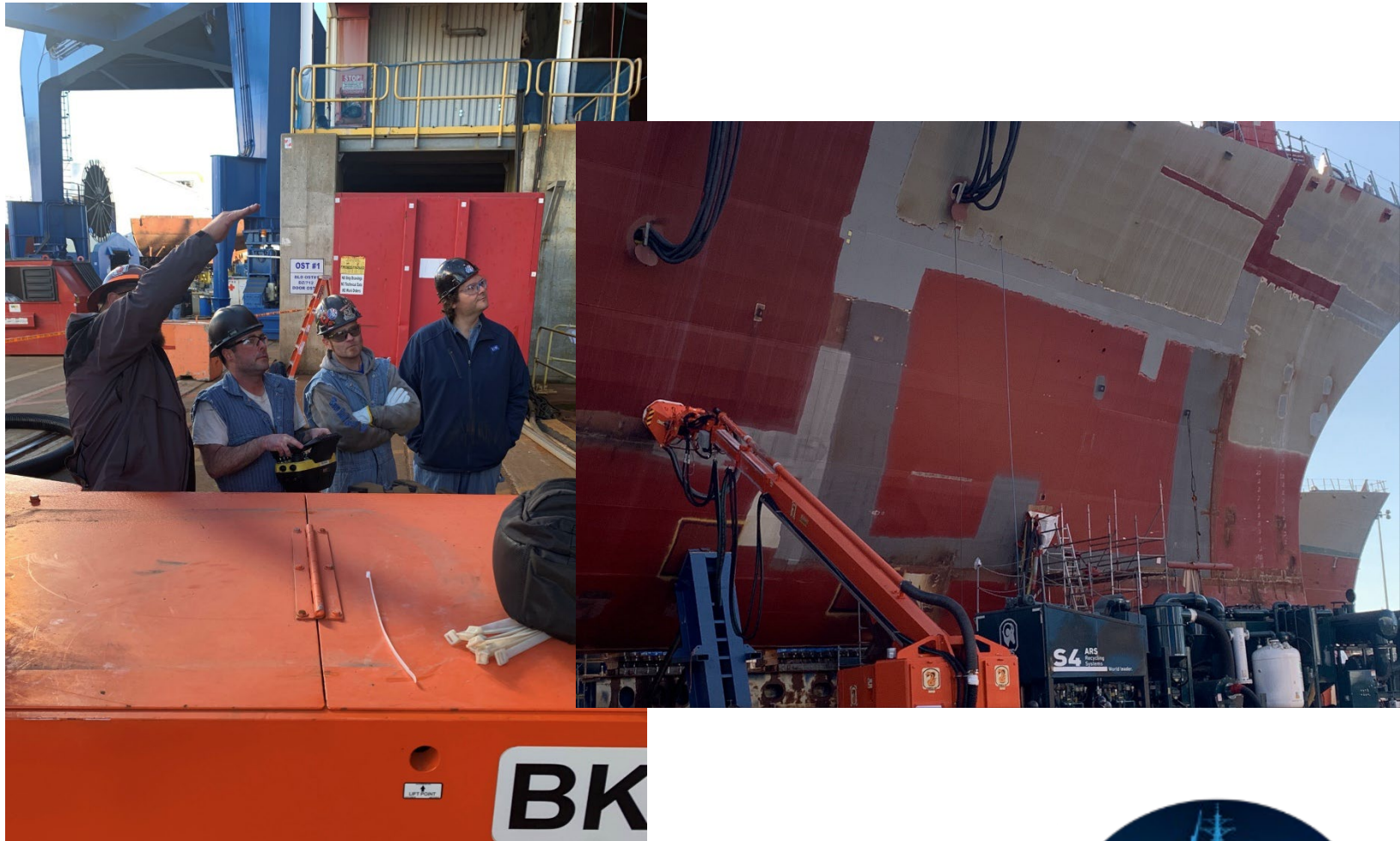
Cobra Blast Unit

Fletcher Engineered Solutions



Cobra Blast Unit

Fletcher Engineered Solutions



Cobra Blast Unit Fletcher Engineered Solutions



Cobra Blast Unit

Fletcher Engineered Solutions

Over the past 18 months we have contracted with Fletcher Engineered Solutions to rent their Cobra Blast Unit several times.

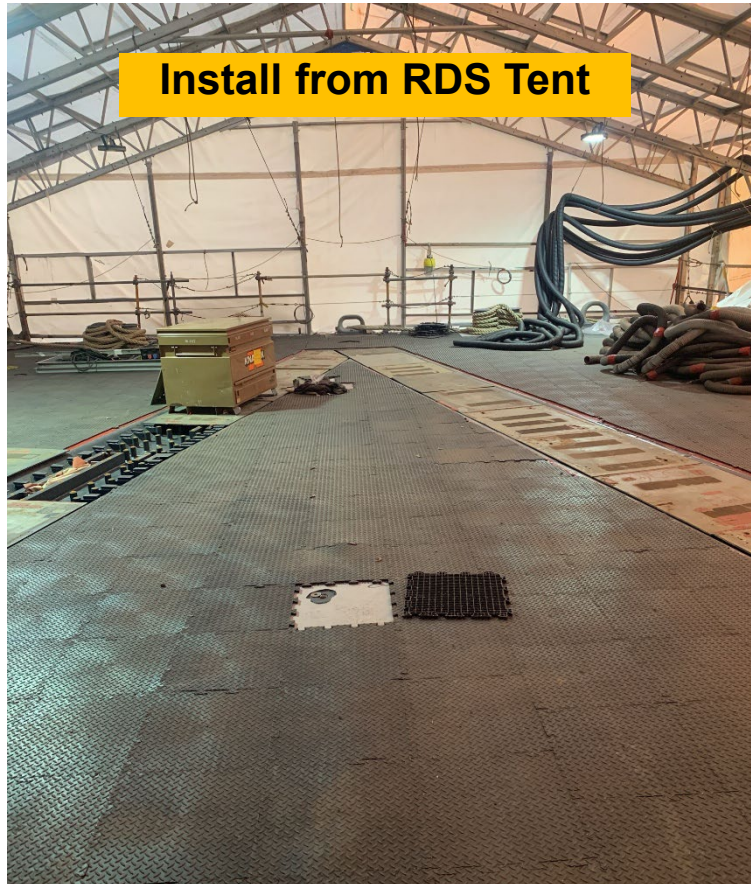
Equipment is run by our Union Blasters and is run in conjunction with our ARS SR-4 as the delivery system for the Cobra.

This has yielded several strategic advantages for BIW –

1. Very little dust and steel grit get by the vacuum system, eliminating the need to enclose blast operations.
2. Blaster is not in direct line of fire and controls are run by remote control from the ground.
3. Erection joins above the water line have traditionally been prepped by Painters with hand tools. We have experienced in excess of 5X the production rate utilizing the Cobra with better surface prep standard.
4. Erection joins below the water line are traditionally blasted during UWH events but blasting ahead of time eliminates any weld pickup prior to the start of UWH blasting.

Rhino Tile

Entry Point International



Rhino Tile

Entry Point International



Rhino Tile

Entry Point International



Rhino Tile

Entry Point International



Rhino Tile

Entry Point International

Over the past 2 years we have tried several applications utilizing Rhino tile as care & protection in way of exterior nonskid installs specifically.

We have utilized on two different hulls at different stages of completion.

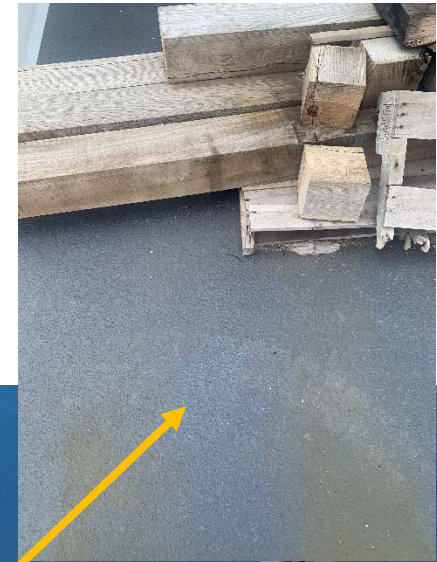
Results have ranged from limited success to very successful, and results have been driven by our build cycle. As long as nonskid applications are closer to delivery and other Trades work is complete, the Rhino Tile with a double layer of Breather Shield yields good results.

We have developed a check sheet as part of a Paint Shop Work Instruction to review and evaluate Rhino Tile at periodic time intervals depending on how long it is in place. We are working to determine if best to reuse or just reorder. We are working on potential applications beyond just nonskid care & protection.

NSRP Cleanable Nonskid Project FY2023/24 Follow Up



NSRP Cleanable Nonskid Project FY2023/24 Follow Up



NSRP Cleanable Nonskid Project FY2023/24 Follow Up

We have continued to track this project for other uses post NSRP contract and have partially used this platform to request a change to our Ships Specification to allow BIW to spray polysiloxane nonskid on all surfaces requiring any type of nonskid. This effort is ongoing.

Thank You!!

Q&A