

# **GENERAL DYNAMICS**

Bath Iron Works

## **NSRP Cleanable Nonskid Deck Covering Project**

**BIW Process Control  
FY2023**

# BIW-Panel Project Scope of Work

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**Determine if polysiloxane non skid can easily and effectively be cleaned and kept clean throughout the new construction process eliminating premature failure and costly rework.**

- **Testing effectiveness of different methods of cleaning and care & protection.**
- **Visually compare level of cleanliness between different manufactures and types of nonskid-Polysiloxane vs legacy coating**
- **Determine best practices for cleaning and care & protection methods of non skids.**

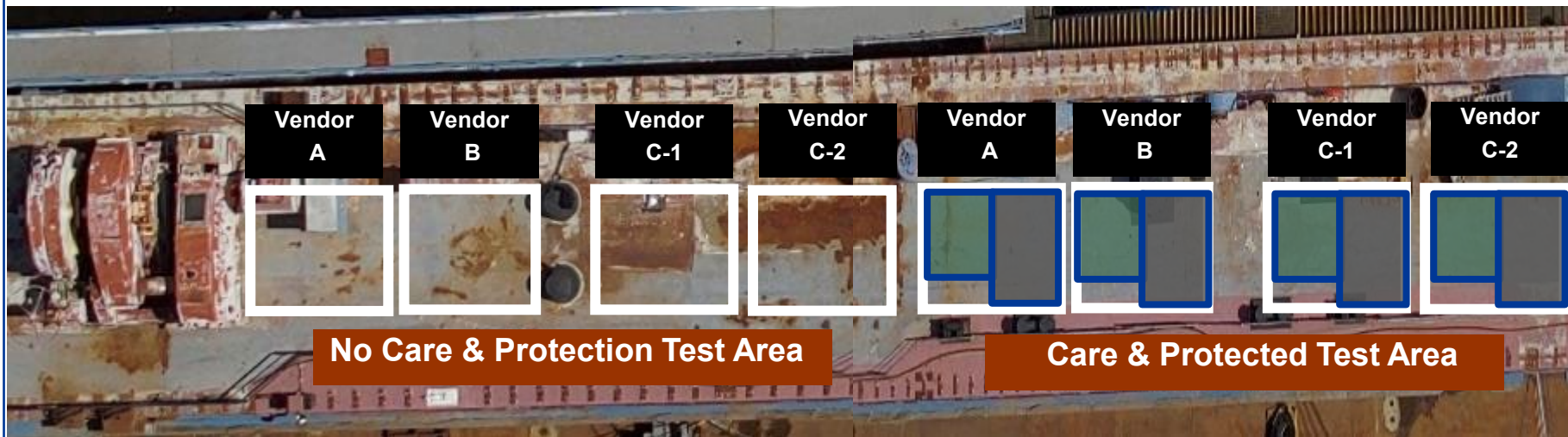
# BIW Drydock

## Primary testing platform (New)



Test area approximately 12x120 (1,440ft<sup>2</sup>)

# Proposed Testing / Scope of Work



Test areas are set up to determine the most effective and efficient methods to clean, care and protect nonskid coatings through the build cycle.

Method of Care and Protection

 Green Rubber

 Rhino Tile/Breather shield

# Proposed Testing Materials

Manufacture	Product Description		Kit Size
NCP Coatings	SiloxoPrime Primer	(quote)	5 gl kit
	SiloxoGrip Non-Skid	(quote)	5 gl kit
	Estimated Freight	(quote)	NA
Randolph (SW)	Randogrip Metal Primer	(quote)	5 gl kit
	Randogrip Siloxoskid	(quote)	5 gl kit
American Safety	MS7CZ Epoxy Primer	(contract)	5 gl kit
	MS-375G Non-Skid	(contract)	5 gl kit
Entry Point Int.	Rhino Tile FR – 500 pieces per pallet	(quote)	Pallet
	Ramped Edges – 50 per box	(quote)	Box
	BreatherShield	(quote)	Roll
United Rental	1 week rental HW Pressure Washer	(quote)	1 week
	1 week rental Dry Ice Removal	(quote)	1 week
BIW Miscelanous	In House Use Items:		

# BIW – Panel Project SOW

Deliverable	Team Member(s)	Due Date
Develop Project Plan, Schedule of Events and Test Platforms.	BIW – Brian Thiele BIW – David Kinee	03/30/2023
Develop Inspection Criteria.	BIW – Brian Thiele BIW – David Kinee	09/20/2023
Install Samples to Project Plan (surface prep, prime & nonskid).	BIW – Brian Thiele BIW – David Kinee	09/25/2023
Project Status Update – Q1.	BIW – Brian Thiele BIW – David Kinee	09/12/2023
Monthly Weathering and Visual Inspection Checks.	BIW – Brian Thiele BIW – David Kinee	10/25/2023-02/25/23
Project Status Update – Q2.	BIW – Brian Thiele BIW – David Kinee	12/20/2023
Initial Cleaning Testing, Evaluation and Re-Care & Protect.	BIW – Brian Thiele BIW – David Kinee	11/15/2023
Final Cleaning Testing and Care & Protection Evaluation.	BIW – Brian Thiele BIW – David Kinee	06/01/2024
Project Status Update – Q3.	BIW – Brian Thiele BIW – David Kinee	03/20/2024
Final Report with Recommendations – Q4.	BIW – Brian Thiele BIW – David Kinee	06/20/2024