

Blasting as a Cost Effective method of Underwater and Outer Hull Surface Preparation



Project Team

- Prime Contractor – BAE Southeast Shipyards (NSRP Participating support shipyard)
- Subcontractor – Chariot Robotics, LLC (Equipment manufacturer/contractor)
- Principle Research –Elzly Technology Corporation (Project Management)
- PTR- Mark Edmonds, TODD Pacific

Project Goals and Objectives:

- Demonstrate to the Navy and Maintenance and Repair community the equipment and technology available to perform the high production spot and sweep methodology of surface preparation by way of actual performance on Navy platforms in dry dock, UWH and Freeboard.
- Identify all equipment, costs and support services required for the method of removal.
- Establish initial coating evaluation procedures, QA procedures, and evaluation metrics for this commercially accepted, cost-effective alternative surface preparation method.
- Draft verbiage for a SSRAC Proposal for Navy Implementation in 009-32 FY12

Task 1 – Review production data and methods.

- Task 2 – Accomplish Surface Preparation on multiple platforms in Dry-dock.
- Task 3 – Presentation of Findings
- Task 4 – Develop QA methods and SSRAC proposal.

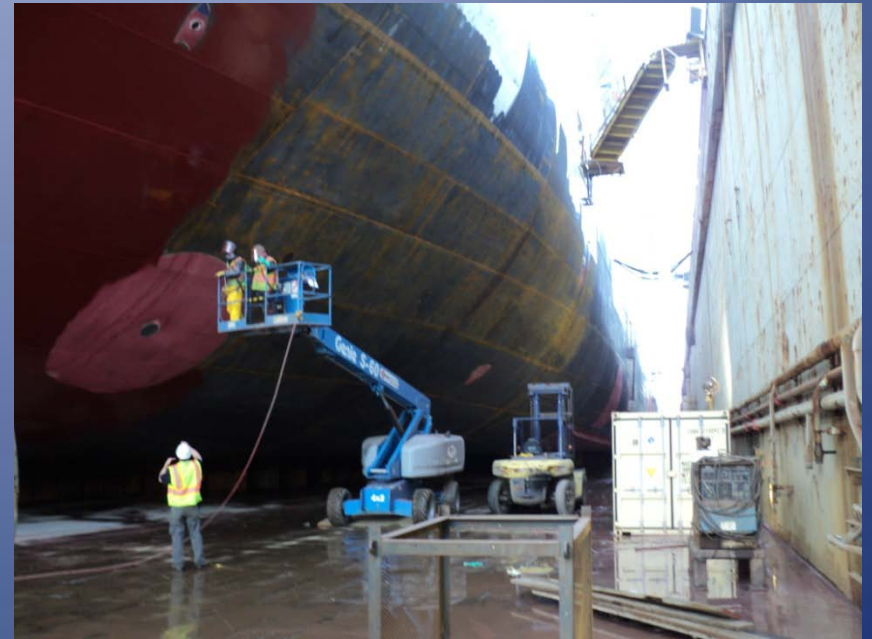
Carnival Splendor, first opportunity, SFDD (adhesion testing)



Existing Coating System



Blast Ops, Paint Ops



Chariot Presentation, next

- Questions