Hull Scrubber Corporation

Robot in Water Hull Cleaning and Video Inspection

NCMS Technology Showcase
Puget Sound Naval Shipyard

PROBLEM STATEMENT

People are costly, ROVs (remotely operated vehicles) aren't. Dirty hulls waste thousands of dollars in extra fuel. Divers are expensive, take time to clean to completion, and expose you to higher risk and liability. The time and cost of traditional methods of cleaning hulls are no longer effective.

BENEFITS

- Increased fuel efficiency by up to 40%
- Increased ship speeds up to 10%
- Enhanced Sonar Efficiency
- Extended paint service life - no coating damage
- Restores hull efficiency
- Prevents introduction of invasive species to the local environment
- Reduces greenhouse gas emissions from ships
- Increases time between required dry dock hull maintenance

TECHNOLOGY SOLUTION

It's time to modernize. ROV technology cleans ship hulls while capturing and filtering the effluent preventing habitation on a ship's hull. Hull Scrubber's work is approved by EPA, WA Department of Ecology, and Fish and Wildlife. Services include a simultaneous and standalone video hull inspection. Dry docking is unnecessary for ROV cleaning and can be completed at anchorage or at port while the ship performs other tasks or normal idle time.

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