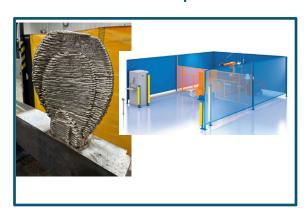
Robotic Arc Directed Energy Deposition (DED) Manufacturing and Repair of Marine Components

Team: EWI | Wildcat Propeller | DSI | Ohio State University | NSWCCD | ABS | Navus Automation

RA Project Workshop

- Wildcat Propellers (Chesapeake, VA) & Virtual
- October 22-23, 2025
 Open to NSRP Community
- Must register to attend



Agenda

Date: October 22 - 23, 2025

Time: 9:00 am – 5:00 pm EDT (10/22)

9:00 am - 12:00 pm EDT (10/23)

Place: Wildcat Propellers (Chesapeake, VA)

Workshop Registration

https://atisc.formstack.com/forms/robotic _arc_ded_workshop_october_2025



Questions?

Contact the NSRP Team at: nsrp@ati.org

Workshop Topics

October 22:

- LCU Propeller Build Model and Support Processes Plan
- Characterization of NAB DED Materials
- Robotic Arc DED CAM Software Training Overview
- DED Dimensional Management Control System
- Multi-Process System Configurations for DED MFG
- Wildcat Propeller shop tour and demonstrations

October 23

- DED MFG and Repair needs of Marine Industrial Base
- Survey assessment/workshop focus groups







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