

## 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)

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### 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

### Questions?

Contact the NSRP Team at: [nsrp@ati.org](mailto:nsrp@ati.org)

