

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

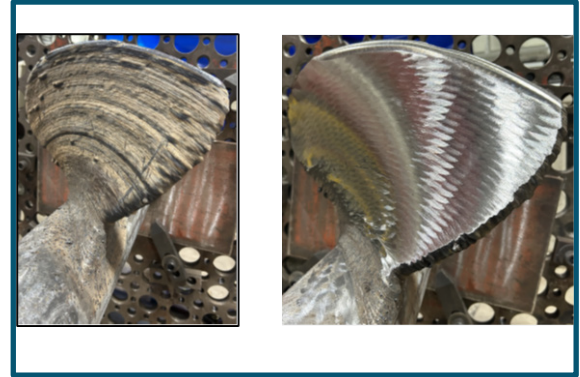
Team: EWI | Wildcat Propeller | Cloos | Ohio State University | NSWCCD | ABS | Ingalls Shipbuilding | Vigor Shipyard

RA Project Workshop

- EWI (Columbus, OH) & Virtual
- July 17, 2024
 - Additional content presented 7/16 and 7/18

Open to NSRP Community
US Citizens Only

- **Must register to attend**
(Deadline for in-person July 9th)



Agenda

Date: July 16 – 18, 2024

Time: 1:00 pm – 5:00 pm EDT (7/16)

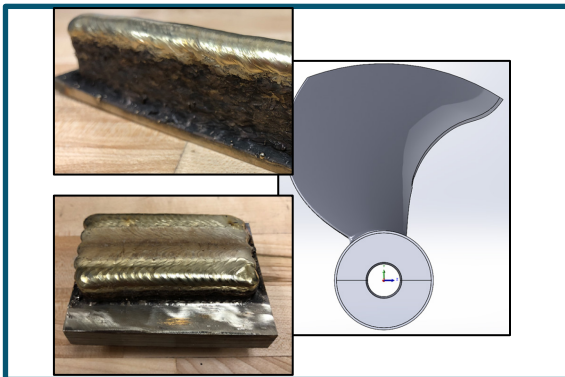
9:00 am – 5:00 pm EDT (7/17)

9:00 am – 12:00 pm EDT (7/18)

Place: EWI (Columbus, OH)

Workshop Registration Online Form

Registration link / button:



Questions?

Contact the NSRP Team at: nsrp@ati.org

July 16:

- Robotic Arc DED Systems for Mfg. and Repair of Marine Components
- EWI lab tour and demonstrations

July 17:

- Material Selection Requirements for NAB DED Approval
- NAB DED Material Property Review
- Quality Management System for DED Mfg. Requirements
- NAVSEA/ABS Requirements for Robotic Arc DED Standards
- LCU Propeller Build Model and Support Processes Plan
- Robotic Arc DED Cell for NAB Propellers
- Multi-process system configurations for DED Mfg. and Repair

July 18

- Needs of Submarine Industrial Base
- Survey assessment/workshop focus groups

