


Monday, January 29, 2024

| Monday, January 29, 2024 | | | | | | |
|---|--------|--------|---------|--------|--------|---|
| Indoor | | | Outdoor | | | |
| Cage 1 | Cage 2 | Cage 3 | Area 1 | Area 2 | Area 3 | Participant Parking Lot |
| SEA 05T Final Preparations at Site | | | | | | |
| Open Area to Allow Participants to Stage Equipment | | | | | | |
| SEA 05T Kick Off Overview & Field Questions at Benchtop Craft Brewing | | | | | |  |

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Tuesday, January 30, 2024

| Indoor | | | | | | | Outdoor | | | |
|--|---|--|--|--|---|---|---------|--|--|--|
| Cage 1 | Cage 2 | Cage 3 | Area 1 | Area 2 | Area 3 | Participant Parking Lot | | | | |
| Morning Muster Daily in Cage 2 / Warehouse Entrance | | | | | | | | | | |
| <p>FAB Scenario 1 Layher set up workbenches for Fiber and Circuit participants</p> <p>F & C Scenario 1 Pre-Faulted Circuit Card Repair NUWC/MARMC 2M/MTR team troubleshoot, repair and test</p> | <p>FAB Scenario 2 Mactech & Dust Identity & Layher establish machine shop</p> <p style="background-color: #4CAF50; color: white; text-align: center;">Dust Identity Demo</p> | <p style="background-color: #4CAF50; color: white; text-align: center;">Direct Dimensions Inc Demo</p> <p style="background-color: #4CAF50; color: white; text-align: center;">Advanced Ceramic Fibers Demo</p> <p style="background-color: #FFC107; text-align: center;">Bolt Scenario 1 HYTORC to demonstrate several different bolting and torquing options to include comparison with traditional methods.</p> | <p style="background-color: #607D8B; color: white; text-align: center;">ENRX Corporation Demo</p> <p style="background-color: #FFCDD2; text-align: center;">R & A Scenario 1 Part 1 Pipe Repair GC Lasers, Laser Photonics, APS and 3M cut 8' Pipe sections, remove paint and rust. 3M install flaws as directed</p> | <p style="background-color: #E0E0E0; text-align: center;">FLUID Scenario 1 Hyval demonstrate flushing abilities</p> <p style="background-color: #4285F4; color: white; text-align: center;">HYVAL Demo</p> <p style="background-color: #E0E0E0; text-align: center;">FAB Scenario 6 Direct Dimension scan component to be printed by Spee3d. Perform scan of component with damage & provide depth of damage compared to traditional inspection methods. Produce "as cad" file that can be manufactured. PSU ARL & Spee3d to test final product.</p> | <p style="background-color: #E0E0E0; text-align: center;">Fab Scenario 7 Penn State ARL, VRC and Titomic perform mobile cold spray repair.</p> <p style="background-color: #E0E0E0; text-align: center;">RPB Safety Demo</p> <p style="background-color: #E0E0E0; text-align: center;">Fab Scenario 8 PSU ARL, VRC & Titomic repair component taper via cold spray</p> <p style="background-color: #E0E0E0; text-align: center;">Laser Photonics Demo</p> | <p style="background-color: #E0E0E0; text-align: center;">FAB Scenario 10 Fairlead perform welding race with Laser Photonics (most linear weld in 'X' minutes). Utilize Firelce fire safety products.</p> <p style="background-color: #4285F4; color: white; text-align: center;">Fairlead Demo (at Fairlead Truck)</p> <p style="background-color: #4285F4; color: white; text-align: center;">IS4S/Rapidia Demo (at ERMARC 3 boxes)</p> | | | | |
| Afternoon Muster Daily in Cage 2 / Warehouse Entrance | | | | | | | | | | |

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Wednesday, January 31, 2024

| Indoor | | Outdoor | | | | |
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| Cage 1 | Cage 2 | Cage 3 | Area 1 | Area 2 | Area 3 | Participant Parking Lot |
| Morning Muster Daily in Cage 2 / Warehouse Entrance | | | | | | |
| Fiber QA Demo | FAB Scenario 4 Dust Identity tag component subject to the following (hammer strike, abrasion from lifting strap, sand blast, laser, aps) validate tag still reads properly after 2 hours. | GasTOPS Inc. Demo | R & A Scenario 2 Part 1 Plate Repair Surface Prep QTY 4 Plates 3M install 4 flaws as directed | FLUID Scenario 2 GasTOPS and Ombra to analyze fluid. Clarus perform moisture separation from oil / debris. GasTOPS and Ombra to reanalyze fluid. | Atmospheric Plasma Solutions, Inc. Demo | VRC Metal Demo (at VRC Box vice Parking Lot) |
| F & C Scenario 3 28876/29504 termini swap active to spare due to fault 29504 termini cut-off replacement | | Bolt Scenario 3 Newport News Shipbuilding to drill several pieces of material utilizing high speed deep hole drilling equipment. Hytorque to fasten plates together for additional hole drilling. | Sunrez Demo | Clarus Fluid Intelligence Demo | Fab Scenario 9 Laser Photonics, GC Laser, ENRX, and Mactech disassemble pipe flange | SPEE3D Demo (at SPEE3D Box vice Parking Lot) |
| KITCO Fiber Optic Demo | | R & A Scenario 2 Part 2 Plate Repair AAT, 3M, Sunrez & Enfasco repair QTY 1 plate each | Fire Safety Scenario 1 Firelce Solutions w/RVA Fire Chief | Titomic Demo | | Penn State ARL Demo (at PSU ARL Box vice Parking Lot) |
| F & C Scenario 4 ST touch-up repolish ST cut-off replacement Fusion Splice | FAB Scenario 5 PSU ARL, Titomic & Mactech Repair shaft with cold spray | 3M Demo | TDA Research Demo | FAB Scenario 11 Rapidia to fabricate Part with 316 CRES | | |
| KSARIA Service Corporation Demo | | Electronics Service LLC Demo | | | | |
| Afternoon Muster Daily in Cage 2 / Warehouse Entrance | | | | | | |
| Evening Social Smartmouth Brewing | | | | | |  <b style="font-size: 24px; font-weight: bold;">smartmouth <small>• BREWING COMPANY •</small> |

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Equipment Removal