

Ship Design and Material Technologies & Business Technologies Joint Panel Meeting

Brunswick, Maine

August 5th & 6th, 2025

Address: Brunswick Landing - Maine Maritime Building, [Maine Maritime Building](#), 46 Burbank Ave, Brunswick, ME 04011

Tuesday, August 5, 2025

| Time | Presentation | Speaker |
|--------------|--|---|
| 7:30 | Continental Breakfast (Provided) | |
| 8:00 | Convene Meeting | |
| 8:00 | BIW Welcome | Gregg Buczkowski, BIW |
| 8:15 | Maine Maritime Academy/Maritime Industrial Workforce Training Center Campus | Heather Hopkins, Maine Maritime Academy |
| 8:30 | NSRP Program Update | Steve Gaschler, ATI |
| 8:50 | SDMT Panel Update | Monika Skowronska, SDMT Panel Chair |
| 9:00 | BT Panel Update | Terry Walley, BT Panel Chair |
| 9:10 | BIW's Innovation Group | Kyle Green, BIW |
| 9:40 | Training Simulators - Virtual Reality Hands on Sessions | |
| 10:30 | ManTech: Point Cloud Conversion to Detail Design | Ken Crowe, BIW |
| 11:00 | AI for Engine Room Design | Ross Wiltshire, FMM |
| 11:30 | NAVSEA Mechanically Attached Fittings Working Group Update and Survey (Virtual) | Colin Dunlop, PM NSRP, NAVSEA 05T Jacob Munch, NAVSEA 05Z41 - TWH Machinery - Fluid Systems - Ships |
| 12:00 | BIW's success with Mechanically Attached Fittings | Wendy Greenbaum, BIW |
| 12:30 | Lunch (Provided) | |
| 1:00 | Load Bus for BIW Tour (Requires prior registration) -Option to stay for Training Simulators -Option to go on Maine Maritime Museum BIW Tour (\$62) tour 12:30-3:00pm, transport and attendance on your own, need to sign up in advance on website link above | Gregg Buczkowski, BIW |
| 3:00 | Load Bus to Brunswick Landing/Adjourn | |
| 3:30 | Maine Maritime Museum and Historic Shipyard (Transportation and admission cost of \$18 on your own) | Julianna Preston, Maine Maritime Museum |

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Wednesday, August 6, 2025

| Time | Presentation | Speaker |
|--------------|--|--|
| 7:30 | Continental Breakfast (Provided) | |
| 8:00 | Convene Meeting | |
| 8:00 | NSRP BT Panel Project: Potential for Applying Artificial Intelligence (AI) in Shipyards Processes | Mark Debbink, NNS Alaysha Shearn, NNS |
| 8:30 | Roux Institute – Northeastern University: AI for Business Processes | Sean Martin, Roux Institute |
| 9:00 | Roux Institute - Northeastern University: Engineering and Advanced Manufacturing | Jack Lesko, Roux Institute |
| 9:30 | Roux Institute - Northeastern University: Cold Spray | Jack Lesko, Roux Institute |
| 10:00 | Training Simulators - Virtual Reality Hands on Sessions | |
| 11:00 | ManTech: Naval Shipbuilding and Advanced Manufacturing Project Portfolio Overview | Jamie Breakfield, ATI |
| 11:30 | HighByte - IOT Software | HighByte |
| 12:00 | NSRP RA Project: Failure Data & Prediction Models | Mark Debbink, NNS Alaysha Shearn, NNS |
| 12:30 | Lunch (Provided) | |
| 1:00 | NSRP RA Project: Automated Detail Planning and Integrated Shipyard Operations with Engineering Data | Darren Guillory, SSI |
| 1:15 | NSRP RA Project: USCG Product Lifecycle Management Data Requirements Interface Mapping - Project Status Update | John Walks, Walks Maritime Darren Guillory, SSI |
| 1:30 | Micromechanics Surfaces for Hydrodynamic Drag Reduction | CJ Kim, UCLA |
| 2:00 | Hydrodynamics Hull Innovation Patent (Virtual) | Hani Yousef |
| 2:30 | NSRP SDMT Panel Project: MAESTRO/Femap Integration | Tobin McNatt, MAESTRO |
| 3:00 | Pipe and Tube Fabrication Solutions for Shipbuilding | Carroll Stokes, T-Drill |
| 3:30 | Human Factors Modeling & Simulation | Andre Luebke, Humanetics |
| 4:00 | NSRP Panel Project Pitches | Submittal of Quad Chart by July 18th |
| 4:50 | Closing Remarks | NSRP Leadership |
| 5:00 | Adjourn | |

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Lodging Recommendations

Chain Hotels

Brunswick

- Comfort Inn Brunswick
- Fairfield Inn and Suites Brunswick/Freeport
- Best Western Plus Brunswick/Bath
- Days Inn

Bath

- Residence Inn Bath/Brunswick
- Hampton Inn Bath

Freeport

- Hilton Garden Inn Freeport Downtown
- Hampton Inn Freeport/Brunswick
- SpringHill Suites by Marriot Freeport/Brunswick
- Casco Bay Inn
- Holiday Inn Express Hotel and Suites
- Best Western Freeport Inn

Boutique Hotels (Some offer rooms within GSA per diem, although summer may be tough)

Brunswick

- The Brunswick Hotel [The Brunswick Hotel – Midcoast Maine's Premier Hotel](#)
- The Federal www.thefederalmaine.com
- OneSixtyFive [https: Brunswick, Maine Inn | OneSixtyFive The Inn on Park Row](#)

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MAF/MegaPressSurvey

https://atisc.formstack.com/forms/mafs_and_press_connect_fittings_interest_survey

