

NSRP | National Shipbuilding Research Program

Ship Design and Material Technologies & Business Technologies Joint Panel Meeting

Brunswick, Maine

August 5th & 6th, 2025

Address: Brunswick Landing- 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/ Introductions	
8:00	BIW Welcome	Gregg Buczkowski, BIW
8:15	Maine Maritime Academy/Collaboration Center for Marine Industry	Maine Maritime Academy
8:30	NSRP Program Update	Steve Gaschler, ATI
8:50	SDMT Panel Update	Monika Skowronska, SDMT Panel
9:00	BT Panel Update	Terry Walley, BT Panel
9:10	Training Simulators- Virtual Reality Hands on Sessions	
10:00	BIW's Innovation Group	Kyle Green, BIW
10:30	ManTech: Naval Shipbuilding and Advanced Manufacturing Project Portfolio Overview	Jamie Breakfield, ATI
11:00	ManTech: Point Cloud Conversion to Detail Design	Ken Crowe, BIW
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	AI for Engine Room Design	Ross Wiltshire, FMM
8:30	NSRP BT Panel Project: Potential for Applying Artificial Intelligence (AI) in Shipyards Processes	Mark Debbink, NNS Alaysha Shearn, NNS
9:00	Roux Institute – Northeastern University: Engineering and Advanced Manufacturing	Jack Lesko, Roux Institute
9:30	Roux Institute – Northeastern University: AI for Business Processes	Sean Martin, Roux Institute
9:45	HighByte – IOT Software	HighByte
10:15	Training Simulators- Virtual Reality Hands on Sessions	
10:45	NSRP RA Project: Failure Data & Prediction Models	Mark Debbink, NNS Alaysha Shearn, NNS
11:15	NSRP RA Project: Automated Detail Planning and Integrated Shipyard Operations with Engineering Data	Darren Guillory, SSI
11:30	NSRP RA Project: USCG Product Lifecycle Management Data Requirements Interface Mapping - Project Status Update	John Walks, Walks Maritime Darren Guillory, SSI
11:45	Micromechanics Surfaces for Hydrodynamic Drag Reduction	CJ Kim, UCLA
12:15	Hydrodynamics Hull Innovation Patent (Virtual)	Hani Yousef
12:30	Lunch (Provided)	
1:00	Roux Institute Cold Spray Facility Walking Tour (2min drive, transport on your own)	Jack Lesko, Roux Institute (transport on your own)
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 <https://www.thefederalmaine.com/>
- OneSixtyFive [https: Brunswick, Maine Inn | OneSixtyFive The Inn on Park Row](#)