NSRP MISSION

Manage and focus national shipbuilding and ship repair research and development funding on technologies and processes that will reduce the total ownership cost of ships for the U.S. Navy, other national security customers and the commercial sector and develop and leverage best commercial and naval practices to improve the efficiency of the U.S. shipbuilding and ship repair industry.

Provide a collaborative framework to improve shipbuilding-related technical and business processes.

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Mr. Erik D. Oller is the new Program Manager for the National Shipbuilding Research Program at Naval Sea Systems Command. He has over 30 years of experience in Navy operations, maintenance, acquisition, and research and development.

Prior to assignment as the NSRP PM, he was the Metals Program Officer for the Office of Naval Research’s Manufacturing Technology Program (ManTech). In this role, he was responsible for the Center for Naval Metalworking and the Institute for Manufacturing and Sustainment.

His other experience includes service as a Design for Affordability Project Manager for the COLUMBIA Class Submarine Program Office (PMS 397) and as a Project Manager for the Navy Metalworking Center, an ONR ManTech Center of Excellence. Mr. Oller also has twenty years of active duty experience, which includes tours as an Engineering Duty Officer at a naval shipyard, a submarine officer, and an instructor for nuclear reactor operators.

Mr. Oller earned the degrees of Naval Engineer and Master of Science in Mechanical Engineering from the Massachusetts Institute of Technology as well as a Bachelor of Science in Mechanical Engineering from the University of New Mexico.
Panel Project Solicitation

On September 14, 2018, the National Shipbuilding Research Program (NSRP) issued a solicitation for panel R&D white papers. Additionally, the Panel Project Guide, which contains details on the white paper review and selection process, contracting requirements and formatting guidelines, has been revised to correspond with this solicitation. The deadline for Panel Chairs and Ad Hoc Groups to submit to ATI those white papers which have been reviewed and selected for submission by their respective panels, as well as a completed White Paper Submission form, was November 28, 2018.

More information regarding the Panel Project Solicitation process can be found online at nsrp.org.

Research Announcement (RA) 19-01 Solicitation

On July 6, 2018, the National Shipbuilding Research Program issued Research Announcement 19-01 to solicit proposals for research, development and implementation of best practices in the U.S. Shipbuilding and repair enterprise. Proposals have been submitted to ATI. The Technical Evaluation Review Panel convened October 16-19 to review proposals and provided recommendations to the Blue Ribbon Panel, which met on 13-15 November.

The Executive Control Board will meet 11-12 December to select projects for award.
2019 All Panel Meeting  
March 12-14, 2019  |  Charleston, SC

The All Panel Meeting is a biennial event that brings together all ten panels of the National Shipbuilding Research Program to share results of recently concluded and ongoing R&D projects; discuss technology gaps in the areas of ship design, construction, and modernization; and to share best practices in the shipbuilding and ship repair enterprise. This event serves a critical role for the shipbuilding and ship repair industry and Navy by providing a public forum for industry-wide networking, technology transfer, and broad interest discussions. The 2017 All Panel Meeting was attended by over 375 people from industry and Navy, and included presentations on over 35 NSRP and ManTech projects.

Attendee registration as well as room block information at The Francis Marion Hotel are available [here](#).

Ship Warfare Systems Integration Panel Meeting
December 4, 2018  
Washington, DC

[REGISTER TO ATTEND](#)

Electrical Technologies Panel Meeting
December 11-12, 2018  
Tallahassee, FL

[REGISTER TO ATTEND](#)
**EXTENDED TEAM MEMBER SPOTLIGHT**

John Michael J. Iraci, P.E.
GD Electric Boat - Design Build Supervisor

John Iraci is the NSRP Shipyard Delegate for General Dynamics Electric Boat as well as the Manufacturing Technology (ManTech) program manager responsible for the execution of all Electric Boat ManTech projects. Mr. Iraci has worked for Electric Boat for over 8 years in a variety of R&D and program office positions.

John spent five years within the advanced concepts signatures group, two years in the non-metallic materials group and a year in the advanced payload integration program office. As an R&D lead he has worked on the integration of advanced/next generation payloads on current and future submarine platforms. He has led ONR ManTech projects to improve utilization of composite materials on U. S. Navy submarines to reduce total ownership costs. Mr. Iraci also led COLUMBIA Class Design for Affordability (DfA) efforts to reduce life-cycle costs through the insertion of new technologies and processes. He recently received his Professional Engineering License in the State of Connecticut and received both his undergraduate and graduate degrees from Cornell University in Mechanical and Aerospace Engineering.

The annual SNAME Maritime Conference was held October 23-26, 2018 in Providence, RI. NSRP Panel Chairs and MITLs moderated technical papers that are part of the Ship Production Symposium.

The 4th annual NSRP Project Demos & Displays was held during the Opening Reception in the Expo Hall. Over 17 NSRP project teams were in attendance exhibiting the cutting-edge technologies, tools and processes they are developing, including:

- ShipScan
- Improving Workforce Development Initiatives Using Augmented Reality
- Argos
- SMART
- Integration of Scanning and Laser Peening Technology
- Horizontal Access Lifting System
NSRP
NSRP Extended Teams

Major Initiative Team Leads

Ship Design & Material Technologies
- **Lead:** David Rice (NNS)
- **Asst Lead:** Dan Sfiligoi (NASSCO)

Ship Production Technologies
- **Lead:** Gary Zimak (NNS)
- **Asst Lead:** Kirk Daniels (EB)

Business Processes & Information Technologies
- **Lead:** Mark Debbink (NNS)
- **Asst Lead:** Jeff Schaedig (NASSCO)

Infrastructure & Support
- **Lead:** Denny Moore (EB)
- **Asst Lead:** Ryan Lee (Austral)
- **Asst Lead:** Anthony Ardito (Austral)
- **Asst Lead:** Mark Poitras (BIW)
- **Asst Lead:** Steve Cogswell (BAE)
- **Asst Lead:** John Walks (Ingalls)
- **Asst Lead:** Shawn Wilkerson (Ingalls)

Panel Chairs

Ship Design & Material Technologies
- **Chair:** Alicia D’Aurora (NNS)
- **Vice Chair:** Monika Skowronska (NASSCO)

Electrical Technologies
- **Chair:** Jason Farmer (Ingalls)
- **Vice Chair:** Walter Skalniak (Panduit Corp)

Planning, Production Processes & Facilities
- **Chair:** Ken Fast (EB)
- **Vice Chair:** Bob Watkins (FMM)

Business Technologies
- **Chair:** Virgel Smith (Ingalls)
- **Vice Chair:** Patrick Roberts (ShipConstructor)
- **Vice Chair:** Kyle Hopf (HII-TS)

Environmental
- **Chair:** Frederick Davis (EB)
- **Vice Chair:** Brian McVey (Ingalls)

Risk Management
- **Chair:** Yaniv Zagagi (Golder)
- **Workers Comp Committee Chair:** Frederick Davis (EB)

Workforce Development
- **Chair:** Nancy Martin (EB)

NSRP Shipyard Delegates

**Newport News**
- Alicia D’Aurora
- Perry Haymon (Ingalls)

**NASSCO**
- Jeff Schaedig
- Glenn Dorsey (NNS)

**Bollinger**
- Brent Tompkins

**Austral**
- Shawn Wilber

**Bath Iron Works**
- Sarah Bramson

**Electric Boat**
- John Iraci

**Ingalls**
- John Walks

**Marinette Marine**
- Charlie Jackson

**BAE Systems SE**
- Steve Cogswell

**Conrad**
- Shaun Hunter

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