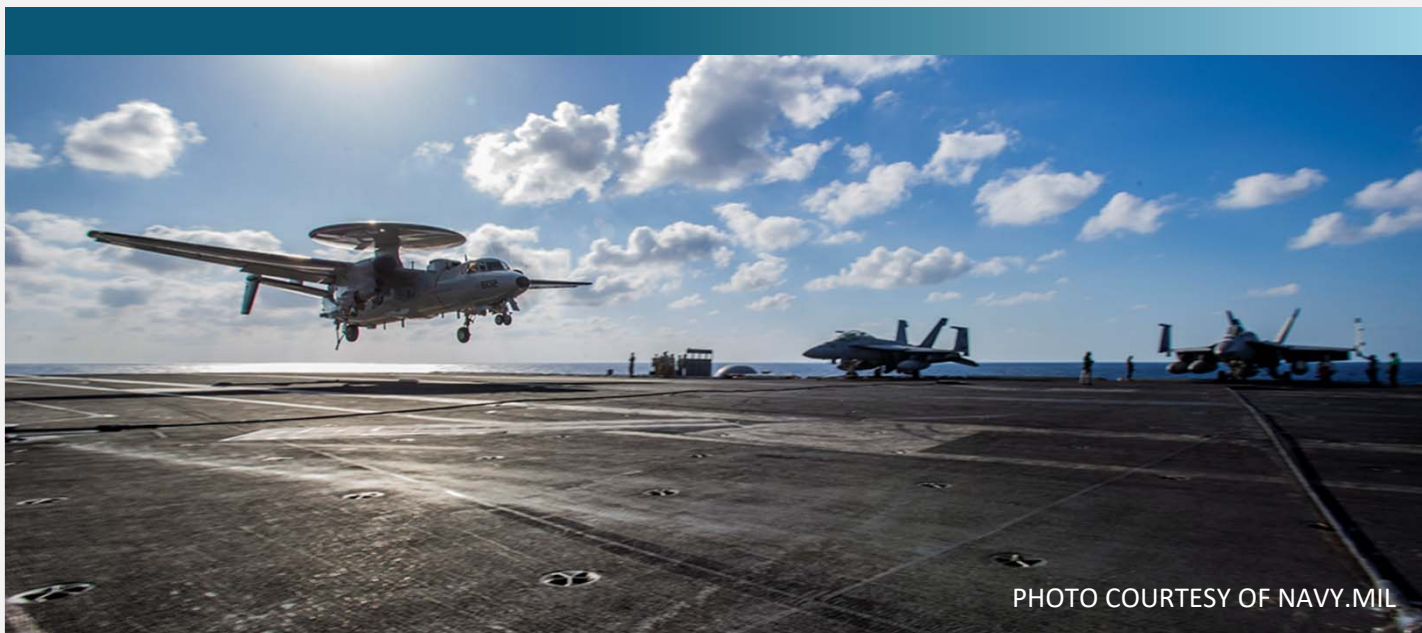


National Shipbuilding Research Program



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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NAVSEA NSRP Program Manager



ERIK D. OLLER, PMP

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.

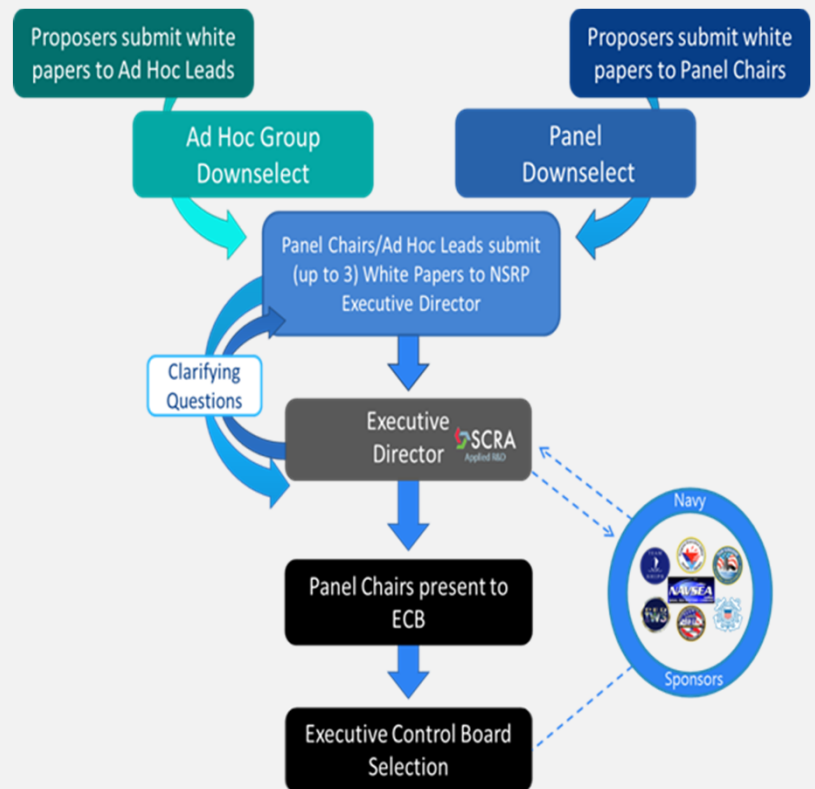
Mr. Oller earned the degrees of Naval Engineer and Master of Science in Mechanical Engineering from the Massachusetts Institute of Technology as well as a Bachelor of Science in Mechanical Engineering from the University of New Mexico.

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](#)

SNAME | October 24-27, 2018 | Providence, RI



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

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.

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 (Austal)	MITL-at-large Anthony Ardito (Austal) Mark Poitras (BIW) Steve Cogswell (BAE) John Walks (Ingalls) Shawn Wilkerson (Ingalls)
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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)	Business Technologies Chair: Virgel Smith (Ingalls) Vice Chair: Patrick Roberts (ShipConstructor) Digital Shipbuilding Committee Chair: Jamie Breakfield (Ingalls)	Environmental Chair: Kyle Hopf (HII-TS) Vice Chair: Brian McVey (Ingalls)
Ship Warfare Systems Integration Chair: Perry Haymon (Ingalls) Vice Chair: Glenn Dorsey (NNS)	Planning, Production Processes & Facilities Chair: Ken Fast (EB) Vice Chair: Bob Watkins (FMM)		Risk Management Chair: Thresa Nelson (NNS) Vice Chair: Yaniv Zagagi (Golder)
	Surface Preparation & Coatings Chair: Arcino Quiero (NNS) Vice Chair: Robert Cloutier (BIW)		Workers Comp Committee Chair: Lauren Seals (EB) Safety & Health Committee Chair: Frederick Davis (EB)
	Welding Technology Chair: Lee Kvidahl (Ingalls) Vice Chair: Paul Hebert (NNS)		Workforce Development Chair: Anna Bourdais (Ingalls) Vice Chair: Nancy Martin (EB)

NSRP Shipyard Delegates

Newport News	NASSCO	Bollinger	Austal	Bath Iron Works
Alicia D'Aurora	Jeff Schaedig	Brent Tompkins	Shawn Wilber	Sarah Bramson
Electric Boat	Ingalls	Marinette Marine	BAE Systems SE	Conrad
John Iraci	John Walks	Charlie Jackson	Steve Cogswell	Shaun Hunter