

State of the Panel

Business Technologies Panel

Terry Walley, Panel Chair

Hill Ingalls Shipbuilding



Organization



Executive Control Board

Program Administrator

Extended Team

Major Initiatives

Information, Design, & Integration	Ship Production Technologies	Infrastructure, Logistics, & Sustainment
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Panels

Ship Design & Material Technologies	Electrical Technologies	Workforce & Compliance
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Ship Warfare Systems Integration	Planning, Production Processes & Facilities	Sustainment
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Business Technologies	Surface Preparation & Coatings	
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	Welding Technology	
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Business Technologies Panel Leadership

Panel Chair: Terry Walley, Ingalls Shipbuilding

Panel Vice-Chair: Patrick Roberts, SSI Americas

Business Technologies Panel's Mission

- The BT Panel focuses on emerging digital capabilities, blending process and information to develop advanced solutions that support product lifecycles from concept to disposal.



Panel's Purpose

- Strategically aligned with US Navy Initiatives & NSRP SIP 7.1.2 / TIP 7.1.2.2, 7.1.2.4, 7.1.2.7, 7.1.2.8

Business Technologies Targeted Initiatives

1. Advance and Leverage Digital Shipbuilding/Model Based (x)
2. Solutions and best practices to support enterprise business processes and information management (Informatics)
3. Incorporate autonomy in design processes and decision support tools (AI/ML, etc.)
4. Cybersecurity Compliance, Solutions, Education & Awareness (CMMC)

NAVSEA ENTERPRISE STRATEGY
Deliver ships and systems on time, ready for tasking

LINES OF EFFORT (LOEs)

LOE 1 ACCELERATE FORCE GENERATION Deliver Ships and Combat Systems	LOE 2 GENERATE READINESS Maintain, Modernize, and Sustain Platforms	LOE 3 GENERATE, CAPTURE, AND USE DATA Drive Innovation with Data	LOE 4 STRENGTHEN THE NAVY TEAM Attract, Retain and Grow Our Workforce	LOE 5 STRENGTHEN THE FOUNDATION Enhance Critical Infrastructure
<p>Ensure that NAVSEA's capabilities are fully operational and ready to support the fleet through a relentless focus on quality and on-time delivery. Partner with industry to strengthen the industrial base and develop innovative solutions to sea-fighting needs.</p> <p>We will measure:</p> <ul style="list-style-type: none"> On-time delivery Quality <p>We will:</p> <ul style="list-style-type: none"> Get more "players on the field" Meet construction schedule milestones Deliver ships on time, ready for tasking <p>NORTH STAR Achieve shipbuilding rate to meet Navy's 30-year shipbuilding plan by 2030.</p> <p>CNO PRIORITIES WARFIGHTING DELIVER DECISIVE COMBAT POWER</p>	<p>Ensure maintenance, modernization and sustainment of ships, submarines, and systems is completed on time to maximize readiness and availability for fleet tasking. Partner with industry and implement proactive strategies to enhance lifecycle management.</p> <p>We will measure:</p> <ul style="list-style-type: none"> On-time delivery Operational Availability <p>We will:</p> <ul style="list-style-type: none"> Reduce unplanned work, days of maintenance delays and delays in depot maintenance availabilities Improve and achieve on-time completion of work Improve adherence to set milestones <p>NORTH STAR Achieve 80% combat surge ready by 2027.</p> <p>WARFIGHTING DELIVER DECISIVE COMBAT POWER</p>	<p>Enhance readiness through data integration and real-time analysis to deliver a decision-making advantage. Use innovative technologies and predictive analytics to improve efficiencies, identify risks and opportunities, and enhance performance.</p> <p>We will measure:</p> <ul style="list-style-type: none"> Data Readiness Analytics-enabled Workforce <p>We will:</p> <ul style="list-style-type: none"> Integrate data analytics at speed and scale Adopt a data-centric approach to make informed decisions Transform the organization's culture to be data-driven <p>NORTH STAR Enterprise-wide integration of data, utilization of analytics, and adoption of AI by 2027.</p> <p>WARFIGHTING DELIVER DECISIVE COMBAT POWER</p>	<p>Enhance the NAVSEA team by attracting, developing, and retaining a capable workforce. Ensure team members are equipped to effectively support the sea-fighter. Become one of the best places to work in the federal government.</p> <p>We will measure:</p> <ul style="list-style-type: none"> AI Skills Attrition Development <p>We will:</p> <ul style="list-style-type: none"> Enhance talent management Renew our commitment to technical competency and leadership development Establish and evaluate enterprise human capital strategy <p>NORTH STAR Achieve a Global Satisfaction Index (GSI) score of 80 by 2027, becoming one of the best places to work in federal government.</p> <p>WARFIGHTING STRENGTHEN THE NAVY TEAM</p>	<p>Create mission resiliency throughout our operations by building, applying, and sustaining critical physical and digital infrastructure. Allocate the necessary resources to prioritized enhancements providing unmet/capital quality access and optimized throughput.</p> <p>We will measure:</p> <ul style="list-style-type: none"> Operational Availability On-time and On-budget Delivery Workforce Productivity <p>We will:</p> <ul style="list-style-type: none"> Enhance digital and other capabilities Re-capitalize facilities and equipment Optimize shipyard layout and functionality <p>NORTH STAR Improve public maintenance efficiencies by at least 20% by 2030.</p> <p>FOUNDATION BUILD TRUST, ALIGN RESOURCES, BE READY</p>

“CNO is relying on us, across the NAVSEA enterprise, to get our ships and their warfighting systems designed, delivered, maintained, and sustained to meet global national security requirements. We must continue to put more players on the field—that is, platforms, ready with the right capabilities, weapons, and sustainment.”
Vice Admiral Jim Downey

NSRP BT Panel – Benefit to Navy & Industry



- ***Provides a Forum*** for collaboration of Shipyards/Navy/Industry Partners
- Navy, Shipyards, Industry are in the midst of ***digital transformation***
- Focus on ***initiatives that benefit*** both the Navy and the shipbuilding and ship repair industries
- Seek exposure and understanding of common problems and vision towards ***providing solutions***

Recent Panel Projects

FY2024 - 2025 Panel Project

- Optimized Weld Records Phase Two (2021-481-002)
 - This project builds on the Optimized Weld Project 2021-481-001 by expanding the functionality of the software to include gauge integration, WPS form and others, welder qualification tracking and flagging, possible path to NMD integration and management by exception for business intelligence.



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A screenshot of a mobile application interface for managing Material Test (MT) logs. The interface is divided into several sections: "Form Sections" on the left with a sidebar menu, and "Edit MT Log" on the right. The "Edit MT Log" section includes fields for "Joint Inspection #", "Drawing", "Hull", "Bill #", "Item #", "QTY", "Work Date", "Assy / PC #", "Type" (with "Original" and "Repair" options), "Current State" (with "Draft" option), "Description", "Device", "Calibration Date", "Calibration Due", "Requested By", "ID #", and "Dept.". Below these fields is an "Inspection Results" section with "Accept" and "Reject" buttons, and an "Action Needed" section with "Repair" and "Re-Weld" buttons. At the bottom right, there is an "Add Defect" button. The bottom navigation bar includes icons for "Work Logs", "Shots", "Inspections", "Welders", "Library", and "Admin".

[Optimize Weld Records Phase Two \(2021-481-002\) – NSRP](#)

FY2025 - 2026 Panel Project

- Potential for Applying Artificial Intelligence (AI) in Shipyard Processes (2018-455-41)
 - This project will focus on identifying opportunities that AI can provide for Shipbuilders to drive efficiency throughout the business value stream. Some areas to be investigated are:
 - Engineering and design processes
 - Digital products for manufacturing data
 - Management of in-service data and sustainment products



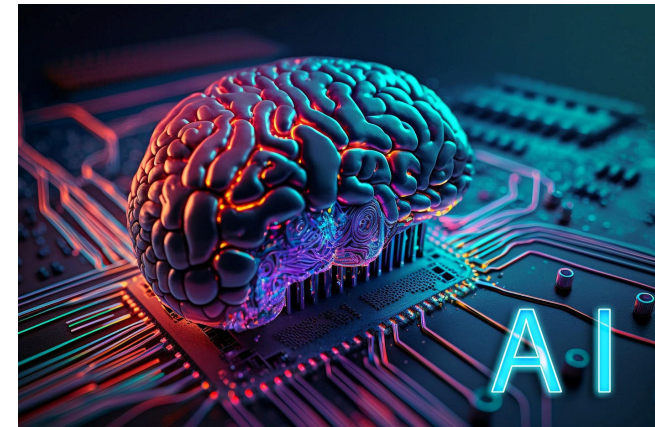
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[Potential for Applying Artificial Intelligence \(AI\) in Shipyards Processes \(2018-455-41\) – NSRP](#)

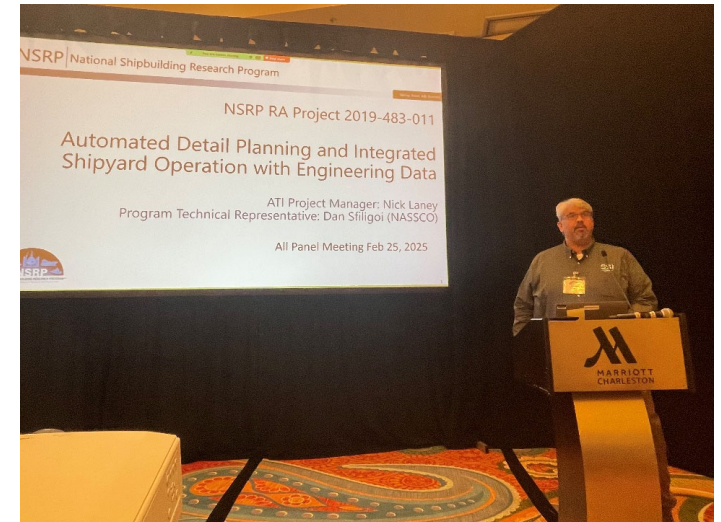
Panel Activities

Past, Current, and Future

ALL Panel Meeting Charleston SC

February 2025 – Marriott Charleson SC

- Business Technologies Panel Breakout - February 25th, Room B
 - Number of In Person Attendees = 40+
 - Number of Virtual Attendees = 15
 - Number of Organizations = >25



BT/SDMT Joint Panel Mtg - Brunswick ME

August 5 – 6, 2025

- Hosted by General Dynamics BIW / Maine Maritime Academy
- Tours of Innovation Center
- 2 days
 - Number of In Person Attendees = 56
 - Number of Virtual Attendees = 37



NSRP Research Announcement Project Solicitation 2027 Timeline / Deadline

2. IMPORTANT DATES

The following is a list of important dates associated with this RA:

Event	Date
Summary Proposals Due	July 24, 2026 (12:00 NOON ET)
Technical Evaluation	August 2026
Mandatory Oral Presentations & ECB Selection	September 2026

6. PROPOSAL SUBMISSION REQUIREMENTS

Summary Proposals in response to this RA **must be** received by **12:00 noon Eastern Time on July 24, 2026, via the ATI Acquisition Management Platform (AMP) site.**

Summary Proposals received after the time and date specified above **will not** be evaluated. **No extensions will be granted.** AMP will provide acknowledgement, via email, of proposal receipt.

NOTE: For planning purposes, mandatory oral presentations before the ECB for competitive range Summary Proposals are anticipated to be conducted in September 2026. All presentations will be either virtual or in-person in Summerville, South Carolina. Offerors will receive information regarding the oral presentations prior to the meeting.

<https://www.nsrp.org/wp-content/uploads/2026/04/RA-27-Solicitation-FINAL.pdf>

NSRP Panel Project Solicitation 2027 Timeline / Deadline

9. DEADLINES

Deadline for Offerors to submit White Papers to [AMP](#) is 4:00 p.m. ET on **August 26, 2026**.

Deadline for Panel Chairs to submit up to three White Papers and one joint White Paper to ATI is 4:00 p.m. ET on **October 2, 2026**. Panel Chairs shall submit White Paper(s).

Any Offeror whose White Paper is one submitted by a Panel Chair for ECB consideration must submit to ATI the Supporting Cost Data Table, as required by the Panel Project Guide – Vol 1 – Offerors FY27 (dated May 19, 2026), by 4:00 p.m. ET on **October 9, 2026**.

<https://www.nsrp.org/wp-content/uploads/2025/05/Panel-Project-Solicitation-2026-FINAL.pdf>

Current & Future Activities

- BT Panel Meeting
 - June 23rd – 25th, 2026 Baltimore MD (Today)
- RA27 Project Proposal Due
 - July 24th, 2026 (Due by 12:00 Noon EST)
- BT Panel Virtual Project Proposal Final Review Meeting
 - August 10th, 2026 (*Tentatively that week*)
- BT Panel Project Proposals Due to ATI
 - August 26th, 2026 (Due by
- BT Panel Project Proposals Voting Ballot
 - September 16th, 2026
- BT Panel Project Proposals Voting Ballot Results
 - September 30th, 2026
- BT Panel Project Top 3 Ballot Results Submitted to ATI by BT Leadership
 - October 2nd, 2026

Thank you!

