Navy ManTech Special Broad Agency Announcement (sBAA)

N00014-26-S-B002
Accelerating Maritime Modernization:
Innovation in Naval Manufacturing, Sustainment, and Industrial Base Capability

Neil Graf
Manufacturing Technology (ManTech)
ONR Code 332
20 August 2026

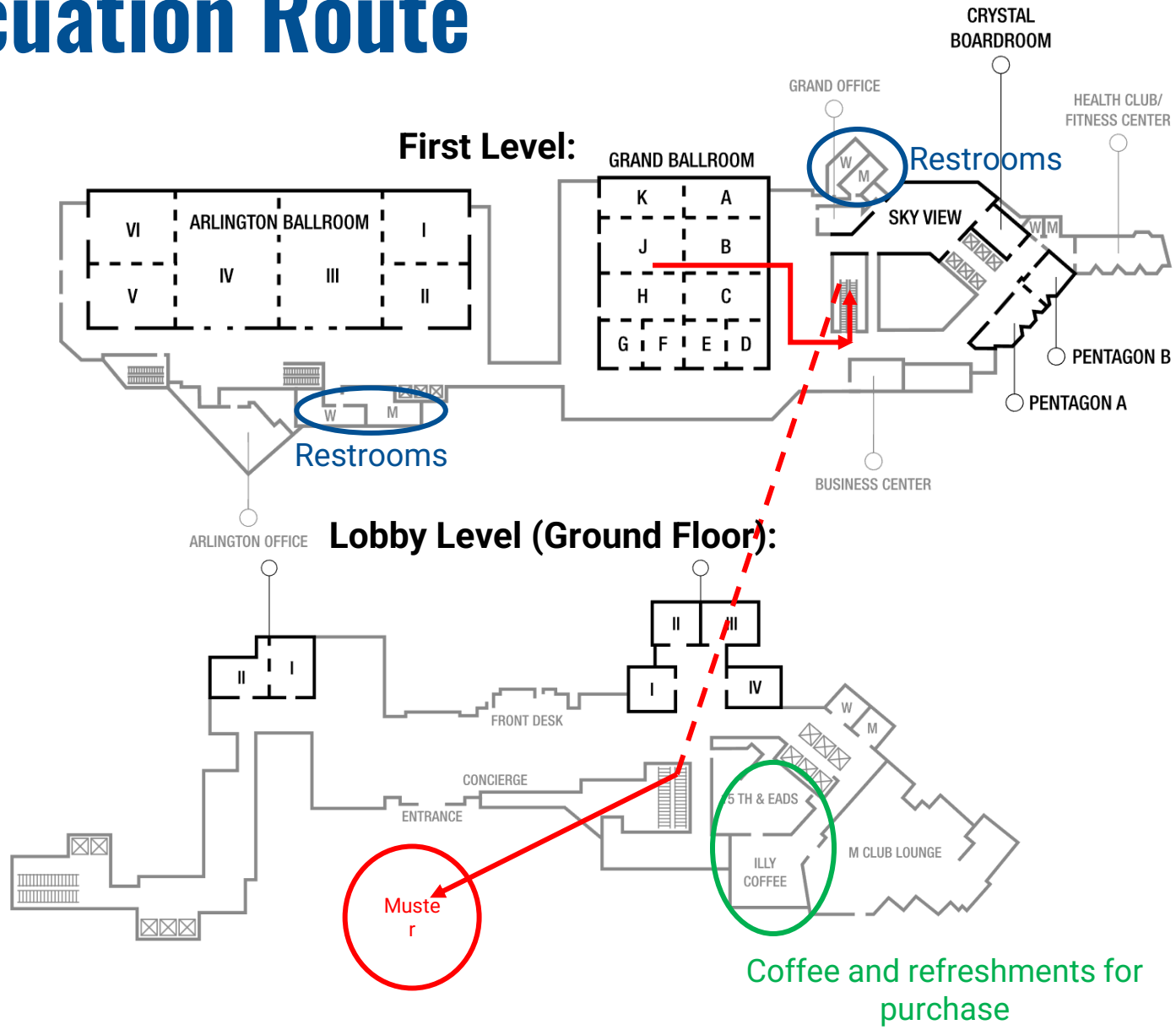
Approved. DCN# 2026-8-17-2720

Evacuation Route

Evacuation Route:
- Exit out main ballroom doors
- Exit through staircase in front of next to escalator
- Descend staircase to ground floor
- Exit out front doors to main car loop
- Muster near Marriot sign in loop on S Eads St.

Restrooms:
- Outside ballroom across from elevator
- Down hallway on the left

Refreshments for purchase:
- Downstairs at south end of lobby



N00014-26-S-B002 Introduction

Agenda

- **Morning Sessions (0900 – 1145)**
  - 0900: Check-In
  - 0930: Welcome Remarks
  - 0945: ONR Sea Warfare and Weapons Department Head Remarks
  - 1000: Navy ManTech Overview
  - 1030: Break
  - 1045: PAE Discussion Panel
- **Lunch Break (1145 – 1245)**
- **Afternoon Sessions (1300 – 1700)**
  - 1300: CNR Keynote Address
  - 1330: sBAA Overview
    - Process & Technical Overview
    - Contracts Overview
    - Q&A
  - 1445: Closing Remarks and Transition to Breakouts
  - 1500 – 1700: Breakout Tables and Informal Conversations

Introductions

ManTech Program Personnel

Mr. Neil Graf – Composites/ManTech Program Lead
Mr. Paul Huang – Shipbuilding
Dr. Jeffrey Farren – Metalworking
Mr. William Crespo-Miranda – Electro-Optics/ Electronics Manufacturing
Ms. Kelsey Blankenship – Composites

ManTech Contracting

Ms. Gina Walker – Branch Head/Senior Contracting Officer
Ms. Stephanie Marsh – Contracting Officer

Program Support

Mr. Robert Mashburn – Senior Program Engineer
Mr. Daniel Gagliano – Senior Program Analyst
Mr. Don Szczur – Senior Program Engineer
Mr. Prince Adu-Jamfi – Program Engineer

Department Head Remarks

Dr. Jennifer Wolk
Department Head
Sea Warfare and Weapons Department (Code 33)

Navy ManTech Overview

Mr. Neil Graf
Program Lead
Navy ManTech

Navy ManTech

Introductory Video

Benefiting the Shipbuilder – S2753 Shaped Plate Automation & Verification

Navy ManTech

Program Overview

Transitioning Advanced Manufacturing Technology to the Fleet

Navy ManTech
Program Overview

NAVY MANTECH
Manufacturing Technology Program

Mission: Industrial Preparedness

Development of enabling manufacturing technology – new processes and equipment – for implementation on DoW weapon system production lines.

Objectives

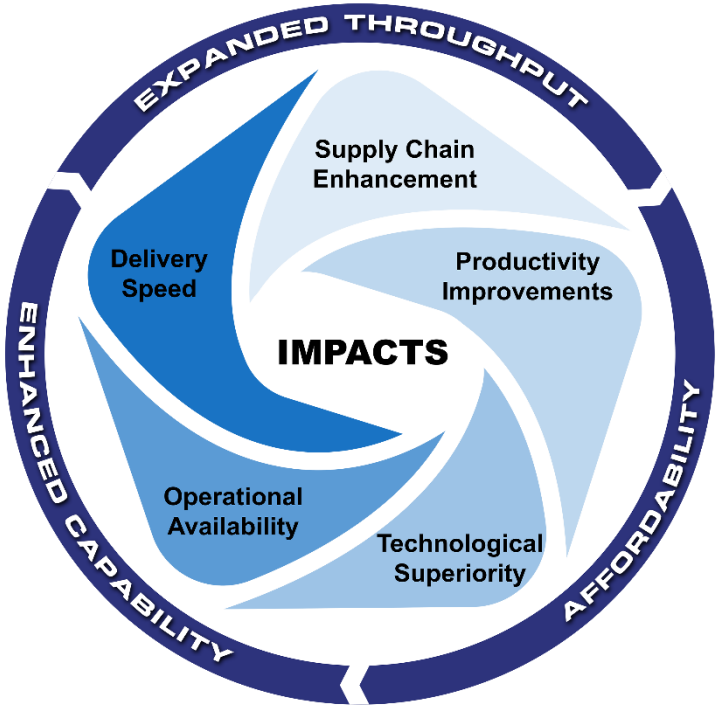
Accelerate Navy Production & Sustainment

Develop Advanced Manufacturing and Sustainment Technologies

Transition Manufacturing Technologies

Maximize Synergies Across the Industrial Base

Impacts



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Navy ManTech
Program Overview

Navy PAE Coordination

PAE Maritime

PAE Undersea

PAE Mission Systems

PAE Industrial Operations

F-35 Lightning II Joint Program Office

PAE Aviation

PAE RAS

PAE Munitions

PAE SSP

PAE Marine Corp

PAE Shore Infrastructure

PAE SI

Establish Relationships & Engage

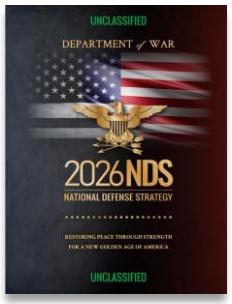
- **Capture Demand Signals**: Engage PAE leadership directly in strategic reviews to capture manufacturing, sustainment, and shipyard modernization priorities.

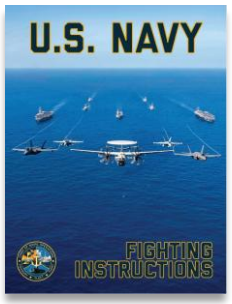
Planning & Alignment

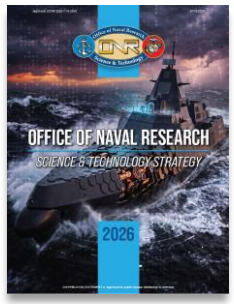
- **Coordinate Portfolios**: Align investments with PAE priorities and secure stakeholder concurrence on project rankings.

Execute & Transition

- **Deliver Fleet Impact**: Manage the pipeline to transition mature solutions that scale speed, throughput, capability, and affordability.







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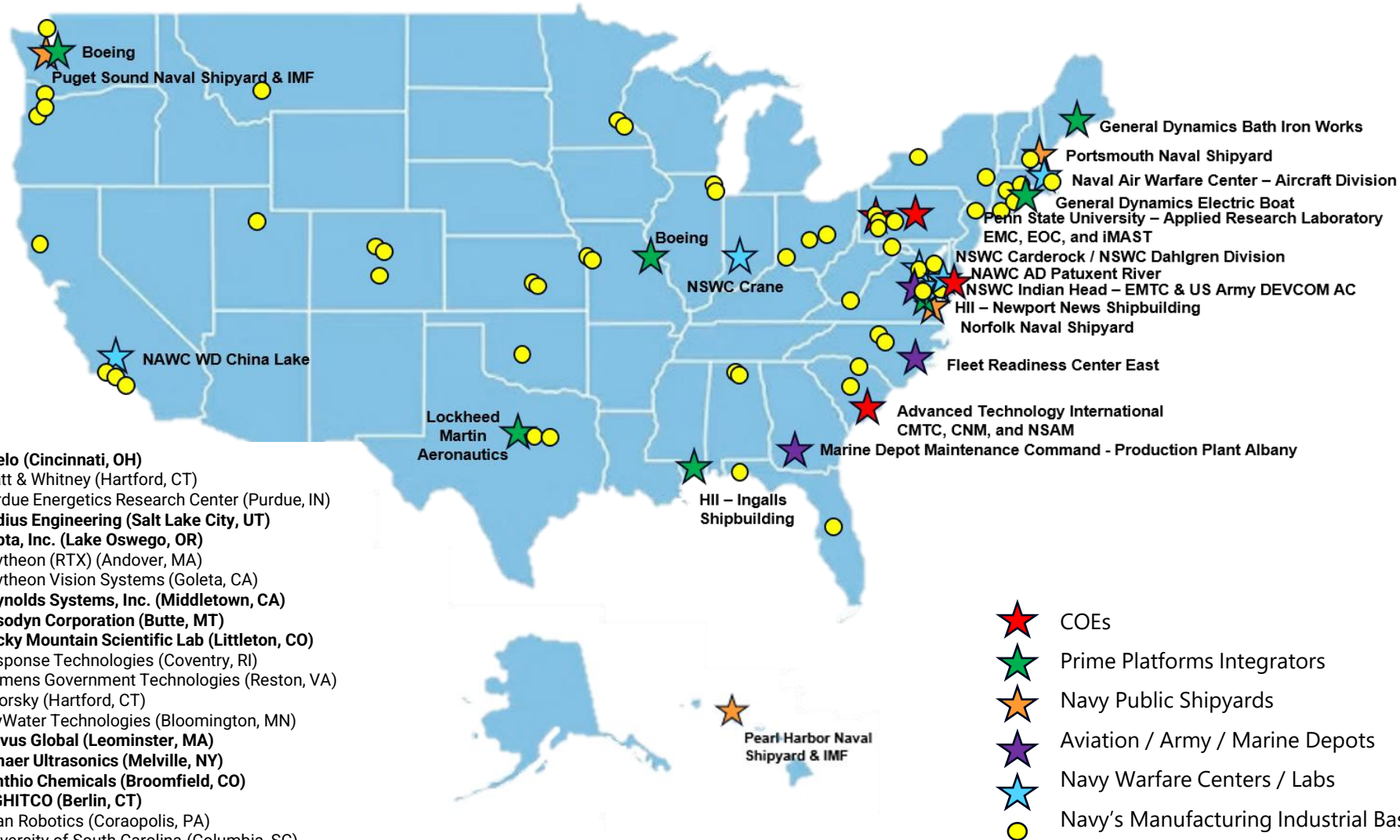
Navy ManTech

Defense Industrial Base Partners

Active Industrial Base Partners

(Bold = Small and Nontraditional Business)

- **Accudyne (Newark, NJ)**
- **Adapt Laser Systems (Kansas City, MO)**
- **Aerobotix (Huntsville, AL)**
- AIM Photonics (Albany, NY)
- **Attollo Engineering (Camarillo, CA)**
- ARM Institute (Pittsburgh, PA)
- **ATFI (Skokie, IL)**
- BAE (Manchester, NH)
- Composite Resources (Rock Hill, SC)
- Concurrent Technologies Corporation (Johnstown, PA)
- **CoolClean Technologies (Egan, MN)**
- **Decision Sciences, Inc. (Fort Walton Beach, FL)**
- Eastern Research Group (Arlington, VA)
- Energetics Technology Center (Indian Head, MD)
- **ESTES Energetics (Penrose, CO)**
- **Fiber Dynamics (Wichita, KS**
- Freedom Photonics (Goleta, CA)
- GKN (Cromwell, CT)
- **HAMR Industries (Pittsburgh, PA)**
- **Hepburn and Sons (Manassas, VA)**
- HRL Industries (Malibu, CA)
- IQE PLC (Greensboro, NC)
- Janicki (Sedro-Woolley, WA)
- Knudsen Institute (Chickasha, OK)
- L3 Harris Aerojet Rocketdyne (Culpeper, VA)
- L3Harris Cincinnati Electronics (Mason, OH)
- L3Harris Technologies SAS (Rochester, NY)
- **LightPath Technologies (Orlando, FL)**
- Lockheed Martin Grand Prarie MFC (Grand Prairie, TX)
- Lockheed Martin Heat (Huntsville, SC)
- Lockheed Martin Santa Barbara Focalplane (Goleta, CA)
- Luna Innovations (Blacksburg, VA)
- MxD (Chicago, IL)
- **NanoVox, LLC (Corvallis, OR)**
- NIAR (Wichita, KS)
- nLIGHT, Inc.(Vancouver, WA)
- **NHanced Semiconductor (Morrisville, NC)**
- NNSA KCNC (DOE) (Kansas City, MO)
- Northrop Grumman (Linthicum, MD)
- Northrop Grumman Ballistic Lab (Rocket Center, WV)
- Northrup Grumman Space Systems (Sterling, VA)
- **PBX, Inc. (Deer Park, NY)**
- **PacMar (South Kingston, RI)**
- **Veelo (Cincinnati, OH)**
- Pratt & Whitney (Hartford, CT)
- Purdue Energetics Research Center (Purdue, IN)
- **Radius Engineering (Salt Lake City, UT)**
- **Rapta, Inc. (Lake Oswego, OR)**
- Raytheon (RTX) (Andover, MA)
- Raytheon Vision Systems (Goleta, CA)
- **Reynolds Systems, Inc. (Middletown, CA)**
- **Resodyn Corporation (Butte, MT)**
- **Rocky Mountain Scientific Lab (Littleton, CO)**
- Response Technologies (Coventry, RI)
- Siemens Government Technologies (Reston, VA)
- Sikorsky (Hartford, CT)
- SkyWater Technologies (Bloomington, MN)
- **Solvus Global (Leominster, MA)**
- **Sonaer Ultrasonics (Melville, NY)**
- **Synthio Chemicals (Broomfield, CO)**
- **TIGHITCO (Berlin, CT)**
- Titan Robotics (Coraopolis, PA)
- University of South Carolina (Columbia, SC)
- University of Texas – Arlington (Arlington, TX)



NAVY MANTECH
Execution Through COEs

Typical execution through Centers of Excellence (COEs)

- Lead development and execution of projects and manage project teams
- Develop and demonstrate manufacturing technology solutions for identified Navy requirements
- Facilitate transfer of developed technologies

- **Composites (CMTC)**
  - Polymer and Ceramic Matrix Composite Processes
  - Nonmetallic Material and Processes
  - Automated / Robotic Manufacturing and Inspection
  - Polymer-based Additive Manufacturing
- **Program Officer: Neil Graf**

CMTC Composites Manufacturing Technology Center

- **Shipbuilding and Advanced Manufacturing (NSAM)**
  - Digital Enterprise: Model-based Tools
  - Design for Producibility / Manufacturability
  - Process Improvement Technologies for Sustainment
  - Intelligent Manufacturing Planning / Factory Execution
- **Program Officer: Paul Huang**

Naval Shipbuilding and Advanced Manufacturing CENTER OF EXCELLENCE

- **Metalworking (CNM)**
  - Joining Technologies
  - Metals Manufacturing Processes
  - Robotics and Automation
  - Inspection Technologies
- **Program Officer: Dr. Jeff Farren**

CNM CENTER FOR NAVAL METALWORKING

- **Electronics (EMC)**
  - Focal Plane Array and EOIR Sensor Technologies
  - Optics, Coatings, Fiber and Photonics Technologies
  - Image Processing and Inspection Systems
  - Lasers and Laser Weapon Systems
- **Program Officer: Will Crespo**

EMC ELECTRONICS MANUFACTURING CENTER

- **Manufacturing & Sustainment (iMAST / REPTECH)**
  - Advanced Manufacturing / Repair Process Development
  - Digital Manufacturing Integration and Advance Data Analytics
  - Complex System Health Monitoring for Sustainment
  - Novel Surface Treatment Processes
- **Program Officer: Paul Huang**

PennState Institute for Manufacturing and Sustainment Technologies

- **Electro-Optics (EOC)**
  - Advanced and Automated Packaging
  - RF and Microwave Technologies
  - Compound and Wide-Band Semiconductor Material Technologies
  - High Power and Energy Storage Technologies
- **Program Officer: Will Crespo**

PennState Electro-Optics Center

- **Energetics (EMTC)**
  - Munitions Manufacturing
  - Synthesis of Energetic Ingredients
  - Propellant, Explosive, and Pyrotechnic Processing and Loading
  - Digitization and Modernization of Manufacturing Processes
- **Program Officer: Neil Graf**

EMTC

Navy ManTech Highlights

Navy ManTech Projects

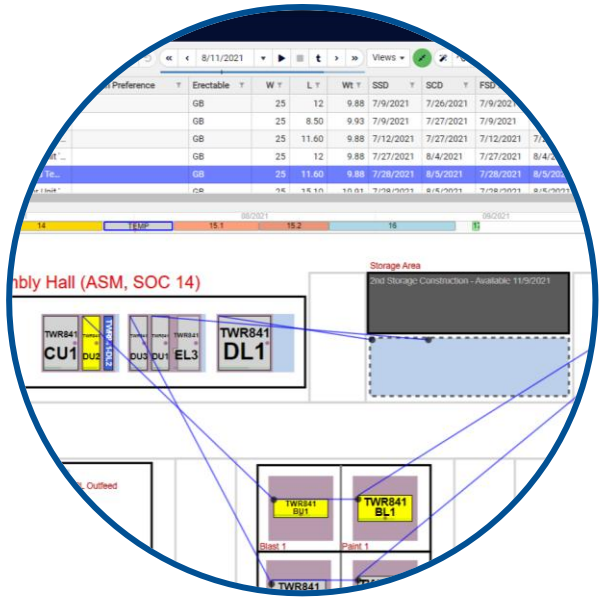
Digital Engineering

Machine Learning & Schedule Optimization

Summary: Developed an automated schedule optimization tool using Machine Learning (ML) to enhance communication between shipyard production planners and supply chain management. The NSAM Center of Excellence, alongside major shipyards (NNS, Ingalls) and BigBear.ai, iteratively built and deployed the system to address critical efficiency and schedule compliance risks.

Outcome: The ML tool analyzes historical capacity decisions to rapidly generate optimized construction schedules and footprint recommendations. It enables planners and supply chains to instantly align on component need dates and availability, drastically reducing schedule risk.

Impact: Achieved >90% precision in recommending top shipyard locations. Successfully implemented at NNS and Ingalls (FY25) across six major platforms (CVN, VCS, CLB, DDG, LHA, LPD), driving an estimated combined 5-year savings of $20.7M.



Project Team:

- Naval Shipbuilding and Advanced Manufacturing (NSAM) Center
- HII – Ingalls Shipbuilding
- HII – Newport News Shipbuilding
- BigBear.ai
- PMS 397, 400, and 450

Platforms:

CVN, VCS, CLB, DDG, LHA, LPD

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Navy ManTech Projects

Advanced Electronics

Project Team:

- Electro-Optics Center
- Lockheed Martin Santa Barbara Focalplane
- F-35 Joint Program Office
- Navy, USAF, OSW (DMSTP)

Platforms:

F-35 Lightning II

Electro-Optical Targeting System (EOTS) System Improvements

Summary: Executed a multi-phase portfolio (co-funded by Navy, Air Force, and Defense-Wide ManTech) to optimize the manufacturing affordability of the F-35's high-performance Electro-Optical Targeting System (EOTS), specifically targeting expensive infrared components like the focal-plane array (FPA) and integrated Dewar cooler.

Outcome: Successfully transitioned from slow, manual builds to batch manufacturing (die-to-carrier) for FPAs and introduced automated testing stations. This streamlining drastically reduced touch-time and cost, enabling the F-35 program to hit high-rate production demands.

Impact: Implemented at Santa Barbara Focalplane (FY23), generating immediate savings of >$8.0K per aircraft. Over the six project phases, the total estimated cost avoidance for the F-35 Program is $241.0M.

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Navy ManTech Projects

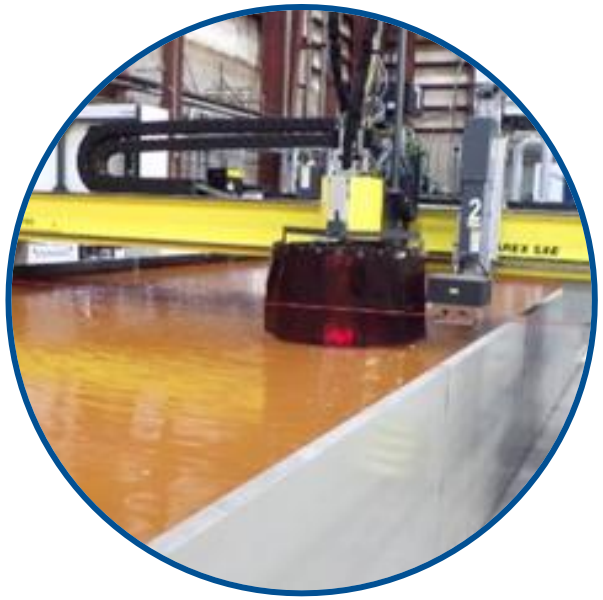
Robotics and Automation

Advanced Steel Processing for Hull Frame Construction

Summary: Executed efforts that developed technologies to support General Dynamics Electric Boat in meeting a "1+2" build rate for COLUMBIA Class (CLB) and VIRGINIA Class (VCS) submarine platforms. Efforts included utilizing state-of-the-art bevel and tapering equipment and Computer Numerical Controlled (CNC) forming equipment to increase throughput in steel processing to meet production demands of the VCS, specifically the VIRGINIA Payload Module, and CLB platforms.

Outcome: Results enable automation of the steel plate forming, beveling, and tapering processes, improving accuracy and reducing labor/time costs.

Impact: These enhancements in submarine manufacturing enable reduction of process complexity and touchpoints, reduce footprint, decrease span time, eliminate rework, and increase capacity and throughput. These streamlined manufacturing processes for submarine manufacturing enable GDEB to meet build rate while providing savings estimated at more than $1.4M per VCS and $2.2M per CLB hulls, with an estimated 5-year savings of $19.5M across both submarine platforms.



Project Team:

- Center for Naval Metalworking
- General Dynamics Electric Boat
- PMS 397 and 450

Platforms:

VCS and CLB

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Navy ManTech Projects

Advanced Manufacturing

Project Team:

- Center for Naval Metalworking
- Ingalls Shipbuilding
- PMS 400D

Platforms:

DDG, LHA, and LPD

INNER BOTTOM TRANSFORMATION

Summary: Optimized inner bottom fabrication process enables removal of unnecessary structural components, such as stiffening rings and collars, resulting in a reduction of hundreds of hours in fabrication, fit-up, and welding time. Additionally, improved process for fabricating "egg-crate" inner bottom structures in final implementation stages for LPD, LHA, and DDG platforms and will be a game-changer in the manufacturing of these complex assemblies.

Outcome: Reduced ship fitting and welding labor costs by 10% for reinforced openings and 20% for slotted construction implementation, reduced steel material costs, and reduced part count in design and construction.

Impact: Manufacturing process optimization benefiting DDG 51, LPD, and LHA platforms resulting in an estimated 5-year saving of $15.4M. Additionally, time studies are underway to validate span time reductions and impacts to platform throughput.

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Navy ManTech Projects

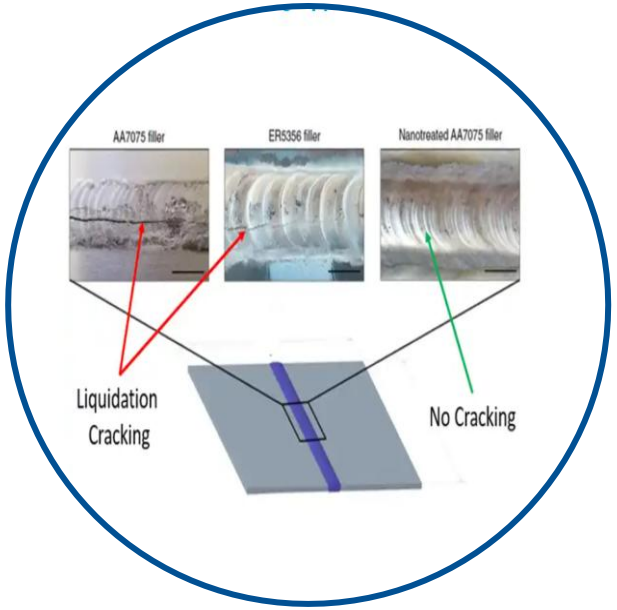
6.2 Manufacturing Applied Research

Nano Weld Wire

Summary: At present, there are many Navy aircraft parts that have minor damage and cannot be repaired due to the lack of an approved method of repair. These may be large parts with long lead times or lack of a source at all. An approved repair process would allow these parts to be repaired and used to maintain readiness of aircraft that may be parked due to lack of replacement parts. Aluminum Alloy 2024 and 7075 are two allow systems commonly used for aviation structural components across multiple platforms. These alloys are used by NAVAIR for highly stressed structural applications while providing an excellent strength to weight ratio.

The research effort supports weld development with the use of advanced nanoparticle enhanced aluminum weld filler alloys to enable repair of high strength, difficult to weld, aluminum alloys such as AA2024 and AA7075. This development activity explores the feasibility of using the nanoparticle rod as an enablement for repair operations. Positive results can increase capabilities and reduce cost and schedule for delivery of parts to improve NAVAIR fleet readiness.

Outcome: Enable significant reductions in labor, rework and material handling, as well as an increase in throughput and overall level of fleet readiness.



Project Team:

- Center for Naval Metalworking (CNM)
- Fleet Readiness Center (FRC) East
- EWI

PAE Panel Discussion

Moderator: CAPT Steven Tarr III,
Assistant Chief of Naval Research
Office of Naval Research

Agenda

PAE Panel Discussion Member

- **Moderator:** CAPT Steven Tarr III, Assistant Chief of Naval Research, ONR

PAE Maritime

Mr. Michael Warner
Team Ships
Rapid Capabilities Office

PAE Undersea

CAPT Adam Kahnke
Director Rapid Capabilities Office
In Service Submarines
(Sustainment)

PAE Industrial Operations

CAPT Jesse Black
Team Ships
Rapid Capabilities Office

Q&A

Lunch

Lunch Dining Options

Restaurant	Distance	Cuisine	Service Type	Physical Address
15th & Eads	On-site	American	Sit-Down	1999 Richmond Hwy, Arlington, VA 22202
Sweetgreen	0.3 miles	Healthy / Salads	Fast Casual	2200 Crystal Dr, Arlington, VA 22202
McCormick & Schmick's	0.4 miles	Seafood / Steak	Sit-Down	20101 Crystal Dr, Arlington, VA 22202
The Portofino Restaurant	0.4 miles	Italian	Sit-Down	526 23rd St S, Arlington, VA 22202
Cava	0.4 miles	Mediterranean	Fast Casual	2200 Crystal Dr, Arlington, VA 22202
Chipotle Mexican Grill	0.4 miles	Mexican	Fast Casual	2200 Crystal Dr, Arlington, VA 22202
Tacombi	0.4 miles	Mexican	Sit-Down	2011 Crystal Dr, Arlington, VA 22202
Highline RxR	0.5 miles	American Pub	Sit-Down	2010 Crystal Dr, Arlington, VA 22202
Ted's Montana Grill	0.5 miles	American / Bison	Sit-Down	2200 Crystal Dr, Arlington, VA 22202
Urban Thai	0.5 miles	Thai	Sit-Down	567 23rd St S, Arlington, VA 22202
San Antonio Bar & Grill	0.5 miles	Tex-Mex	Sit-Down	1664 Crystal Dr, Arlington, VA 22202

Please return at 12:45

Chief of Naval Research Keynote Address

Dr. Rachel Riley
Chief of Naval Research
Office of Naval Research

sBAA Process and Contracts Overview

Dr. Jeffrey Farren
Program Officer
Navy ManTech

Ms. Stephanie Marsh
Contracting Officer
Office of Naval Research

sBAA Overview

Dr. Jeffrey Farren
Navy ManTech Program Officer

sBAA Overview

N00014-26-S-B002

Overarching Goal

- Develop, mature, and transition advanced manufacturing technologies that will accelerate throughput, affordability, and enhance capability of the Navy's new construction and sustainment activities.
- This sBAA seeks to address the most critical challenges facing the naval industrial base by pursuing breakthroughs that enhance manufacturing and repair capabilities across the enterprise.

Funding Categories

- **6.2 Applied Research**: Foundational research scaling up novel materials, computational models, and next-generation robotics in laboratory settings to validate potential capabilities.
- **6.3 Advanced Technology Development**: Maturing and demonstrating advanced manufacturing prototypes, digital planning tools, and autonomous systems in relevant operational environments.

sBAA Overview

Golden Fleet Priority Areas

Golden Fleet Applicability

- Proposals should have applicability to manufacturing technologies applicable to core Golden Fleet Initiative platforms, including but not limited to:
  - New battleship (BBGN)
  - Next generation frigate [FF(X)]
  - Unmanned surface vessels
  - Associated combat systems
- Though Golden Fleet Initiative platforms are a priority of this sBAA, high-quality manufacturing technology improvements applicable for other US Navy platforms may be considered.

Speed, Throughput, and Availability

Accelerates vessel construction, maintenance, and return-to-service timelines, significantly boosting overall fleet readiness and operational availability.

Advanced Manufacturing

Leverages cutting-edge technologies like robotics, automation, and digital tools to revolutionize maritime fabrication efficiency and quality.

Sustainment and Repair

Implements innovative repair technologies and processes to extend vessel lifespans, maximize operational availability, and improve fleet reliability.

Industrial Base Modernization

Upgrades shipyards and maintenance depots with advanced digital tools and manufacturing systems to expand overall production capacity.

Supply Chain Capacity & Logistics

Addresses challenges in ensuring a robust and resilient supply chain capable of supporting accelerated shipbuilding, maintenance, and repairs while minimizing delays and disruptions.

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6.2 Applied Research
Technology Areas

6.2 Applied Research

Translate scientific discoveries and advances into potential solutions for military applications. Explores novel capability and practicality of new concepts, technologies, or systems, often with a focus on solving specific operational challenges or enhancing current capabilities.

Awards: 3 – 5 projects

Funding: up to $3M per effort

Duration: 12 – 24 months

Novel Materials Scale-up

Investigating new or modified ferrous and nonferrous alloys, and coatings that enhance ship performance, durability, and stealth. Investigating non-traditional materials, such as composites and advanced polymers, to reduce weight, mitigate corrosion, improve signature management, and lower lifecycle maintenance costs.

Robotics, Automation & Advanced Manufacturing

Advancing the application and integration of robotic and advanced manufacturing systems to improve capacity, efficiency, precision, and safety in shipyards.

Artificial Intelligence / Machine Learning (AI/ML)

Developing specialized AI/ML algorithms, taxonomies, and ontologies aligned to shipbuilding use cases to enable enhanced data-driven decision-making.

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6.2 Applied Research
Technology Areas

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Awards: 3 – 5 projects

Funding: up to $3M per effort

Duration: 12 – 24 months

Advanced Sensor Integration Concepts

Developing sensors for improved situational awareness, structural health monitoring, and threat detection, aligning with operational availability and sustainment priorities.

Digital Tools & Computational Modeling

Researching foundational elements of digital tools to optimize ship design, construction, and sustainment processes, addressing speed, availability, and industrial base modernization.

Novel/Advanced Non-kinetic Capabilities

Developing foundational components and concepts for advanced non-kinetic capabilities, focusing on demonstrating feasibility of novel technologies for Electronic Attack (EA), Electronic Support (ES), and Electronic Protection (EP) designed to disrupt an adversary's situational awareness and mission effectiveness.

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6.3 Advanced Technology Development

Technology Areas

6.3 Advanced Technology Development

Maturing and demonstrating innovative technologies in operationally relevant environments to bridge the gap between applied research and system acquisition. Prototype advancement, concept validation and testing to ensure transitions into deployment-ready solutions.

Awards: 5 – 10 projects

Funding: up to $5M per effort

Duration: 12 – 24 months

Non-metallic Materials for Shipbuilding Applications

Develop advanced manufacturing processes for composites, polymers, and coatings. Optimize these materials to reduce vessel weight, mitigate corrosion, and enhance long-term lifecycle affordability and performance.

Autonomous Systems for Inspection and Maintenance

Deploy autonomous sensors, robotic platforms, and sensor fusion to enable CBM+ strategies. Leverage AI/ML predictive diagnostics to safely inspect hazardous areas, detect defects, and minimize downtime

Digital Tools and Intelligent Planning

Integrate AI/ML diagnostics, digital twins, and adaptive manufacturing controls. Build secure, interoperable data infrastructures and automated OQE systems to optimize planning, real-time quality, and verification.

Automation and Advanced Manufacturing Processes

Advance production throughput using automated unit fabrication, multi-agent robotics, and collaborative cobots. Deploy advanced human augmentation systems to enhance workforce precision, safety, and physical endurance.

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6.3 Advanced Technology Development

Technology Areas

6.3 Advanced Technology Development

Maturing and demonstrating innovative technologies in operationally relevant environments to bridge the gap between applied research and system acquisition. Prototype advancement, concept validation and testing to ensure transitions into deployment-ready solutions.

Awards: 5 – 10 projects

Funding: up to $5M per effort

Duration: 12 – 24 months

Advanced Electronics Design and Manufacturing

Develop rugged, modular, and power-efficient maritime electronics. Utilize MOSA/SOSA packaging standards for rapid sensor upgrades and pioneer manufacturing concepts for counter/directed energy components.

Supply Chain and Logistics Integration

Mitigate procurement risks using AI-driven logistics platforms for real-time visibility. Integrate automated ordering, secure OT/ICS cybersecurity, and on-demand additive manufacturing with certified digital libraries.

Non-Destructive Testing (NDT) and Advanced Inspection

Integrate portable, automated NDT systems like PAUT for real-time assessments. Leverage AI/ML imaging to accelerate verification, rapidly detect defects, and streamline shipbuilding sustainment workflows.

White Paper Process

Scan to access N00014-26-S-B002 on Sam.gov

- **White Paper Stage:** Brief concept summaries evaluated for technical merit, Navy relevance, and rough cost. No full proposals may be submitted without an invitation based on a White Paper
  - Phase I – Initial white paper submission period
  - Phase II – Extended submission period to continue industry engagement and enable additional awards pending availability of funds
- **White Paper Late Submissions:** The Government reserves the right not to review white papers submitted after the sixty (60) day Phase I deadline, during Phase II, or after the final one-year closing date, whichever occurs first.

Key Dates

- Phase I: 16 July 2026 to 15 September 2026
- Phase II: Open 16 September 2026 to 15 July 2027

Requirements

- Strict 5-page limit
- 12-point Times New Roman font
- 1 inch page margins
- Microsoft Word or Adobe PDF format
- One-page Project Lead resume

Content

- Project Classification & Strategic Alignment
- Organization Background & Teaming
- Technical Concept & Appropriateness
- Naval Need & Impact
- Path to Transition
- Rough Order of Magnitude (ROM) Schedule and Cost
- Project Lead Resume (not included in page count)

Full Proposal Process

Scan to access N00014-26-S-B002 on Sam.gov

- **Full Proposal Phase:**
  - Full proposal submission—including technical and cost volumes—is required within forty-five (45) days from the date of the Government's selection notification.
  - It is anticipated that final award selections will be made within sixty (60) days following full proposal submission.
  - Offerors will be notified via email of their project's selection or non-selection for FY27 funding as soon as the evaluation process concludes.

- **Proposal Late Submissions:** Full proposals received after the designated due date and time may not be considered for FY27 funding.

- **Key Dates:** Request for Proposals (RFP) anticipated November 2026
- Proposals due 45 days following RFP (estimated January 2027)

Full Proposal Process

Scan to access N00014-26-S-B002 on Sam.gov

Content

- **Technical Volume Structure:**
  - Executive Summary
  - Statement of Work (SOW)
  - Milestones & Deliverables
  - Management Plan & Key Personnel
- **Cost Volume Structure:**
  - Detailed Budget
  - Subcontractor Proposals
  - Supporting Docs: Labor rates, quotes, and travel
  - Data Rights: Intellectual property and proprietary data

Proposal Package

- Proposal Checklist
- Cost Proposal Template subcontractors
- DCAA Pre-award Survey Checklist
- ONR Contract Specific Representations and Certifications
- Offeror's DCAA or DCMA Accounting System Approval Letter
- Technical Proposal Template
- Statement of Work (SOW)

Requirements

- 8.5 x 11-inch paper
- 12-point Times New Roman font
- 1 inch page margins

Evaluation Criteria

Overall Scientific and Technical Merits:

- **ManTech Appropriateness:** Evaluates alignment with the strategic objectives of the Navy ManTech program and its specific relevance to initiatives like the "Golden Fleet." Technology maturity level and appropriateness for the proposed development and transition pathway.

- **Technical Approach:** Assesses soundness, clarity, and feasibility of the proposed technical plan, including level of innovation, addressing root cause, and degree of key stakeholder involvement.

Potential Naval Relevance and Contribution:

- **Navy Need:** Assesses clarity with which the proposal defines the problem and demonstrates its direct alignment with a critical naval requirement, capability gap, or strategic priority.

- **Impact:** Evaluates benefits to expanded throughput, enhanced capability, and/or affordability that drive platform manufacturing / sustainment capacity and speed of delivery.

- **Implementation Potential:** Assesses feasibility and clarity of the transition plan, including identification of a specific naval platform or facility, a designated funding path for implementation, and a final project deliverable that is ready for transition. This assessment will heavily consider the Offeror’s proposed Intellectual Property (IP) and Data Rights assertions.

Evaluation Criteria (Continued)

Organizational Structure, Capability, and Teaming:

- **Organization Background & Teaming:** Evaluates the Offeror's organization, core competencies, relevant manufacturing expertise, and teaming strategy. Additionally, this assessment will heavily weigh the Offeror's organizational credentials—specifically an active DD-2345 Joint Certification Program (JCP) certification and applicable Cybersecurity Maturity Model Certification (CMMC) levels—to ensure the team has the authorization and infrastructure to securely access and protect critical project information.

- **Management Approach:** Assesses overall approach to managing this effort, including the total organization, use of personnel, and project control practices.

Availability of Funds:

- **Financial and Schedule Feasibility:** Evaluates whether the proposed investment cost, schedule, and milestones are reasonable, realistic, and appropriate for the scope of work described. The justification for the budget and the distribution of labor hours across milestones will be assessed against the project's complexity, proposed timeline, and potential return on investment.

Note: All four review criteria are weighed equally. Proposers must build strong arguments across every dimension to qualify for funding.

Next Steps and Timeline

- **sBAA Official Release:** July 16, 2026
- **BAA Industry Day (Today):** 20 August 2026
- **Phase I White Papers Due:** September 14, 2026
- **Phase II White Paper Submission Period Opens:** September 15, 2026
- **Request for Proposals (RFP) Issued:** Estimated November 2026
- **Phase I Full Proposals Due:** 45 days following RFP (estimated January 2027)
- **Phase Project Awards:** Estimated March 2027
- **Phase II White Papers Due:** July 15, 2027
- **Phase II Proposals Due:** 45 days following RFP (estimated January 2027)

Contracts Overview

Ms. Stephanie Marsh
Contracting Officer

Doing Business with ONR
sBAA N00014-26-S-B002

Stephanie Marsh
Navy ManTech Contracting Officer

Agenda

- Introductions
- Navigating ONR Websites
  - Funding Opportunities
  - Current Funding Opportunities
  - What To Submit/How to Submit
  - ONR Submission Portal
- Required Credentials
- Submission Eligibility
- Handling Classified Questions
- Questions & Points of Contact
- Common Mistakes In Submissions
- Conclusion & Tips for Success

Introductions

ManTech Contracting

- Ms. Gina Walker – Branch Head/Senior Contracting Officer
- Ms. Stephanie Marsh – Contracting Officer
- Ms. Miranda Fleck – Contracting Officer
- Ms. Megan Gavarkavich – Contracting Officer

Office of Small Business Programs

- Mr. Andrew Chappell – Acting Director

Security

- Mr. Andre Ewing – Industrial Security Specialist

ManTech Program Personnel

- Mr. Neil Graf – Composites/ManTech Program Lead
- Mr. Paul Huang – Shipbuilding
- Dr. Jeffrey Farren – Metalworking
- Mr. William Crespo-Miranda – Electro-Optics/ Electronics Manufacturing
- Ms. Kelsey Blankenship – Composites
- Dr. Olivia Aul – Electro-Optics/Electronics Manufacturing

Program Support (Contractor)

- Mr. Robert Mashburn – Senior Program Engineer
- Mr. Daniel Gagliano – Senior Program Analyst

ONR Website - Funding Opportunities

ONR Website: https://www.onr.navy.mil/work-with-us/funding-opportunities

Broad Agency Announcements (BAA), Notices of Funding Opportunities (NOFOs) and BAA Calls

Most of ONR's solicitations are for research and development and are accomplished through BAAs announcing research interests. BAAs are a streamlined method used to advertise and solicit performers for ONR research areas. A BAA or NOFO is used to fill requirements for scientific study and experimentation directed toward advancing the state-of-the-art or increasing knowledge or understanding rather than focusing on a specific system or hardware solution. NOFOs only result in the award of an assistance instrument and BAAs may result in the award of both acquisition and assistance instruments. BAA Calls are often released to focus attention on a specific topic and funding availability.

ONR announcements are posted at https://sam.gov/content/opportunities or www.grants.gov. For convenience, these funding opportunities are also listed on the announcements section of the ONR website.

ONR Website - Current Funding Opportunities

Accelerating Maritime Modernization: N0001426SB002

Fiscal Year (FY) 2027 Department of the Navy (DoN) Historically Black Colleges and Universities/Minority Institutions (HBCU/MI) Program N0001426SF001

Published: June 18, 2026 1:53 PM EST

Full Proposals will be accepted until: December 11, 2026 5:00 PM EST

White Papers due no later than: September 18, 2026 5:00 PM EST

Accelerating Maritime Modernization: Innovation in Naval Manufacturing, Sustainment, and Industrial Base Capability N0001426SB002

Published: July 16, 2026 10:06 AM EST

N0001426SB002 sBAA Documents

This announcement is issued on behalf of the Navy Manufacturing Technology (ManTech) Program. The focus of this research and development opportunity is on targeted manufacturing improvements to directly impact speed, throughput, and industrial base resiliency. This is vital for developing the next generation of manufacturing capabilities that will enable the ability to build faster, arm faster, and repair faster. We seek innovations that will fundamentally improve the efficiency of our shipyards, maintenance depots, and supply chain partners. Offerors must clearly articulate how their proposed research will dismantle existing barriers and contribute to a more robust and responsive industrial ecosystem, improving the resilience and competitiveness of the Nation's shipbuilding enterprise.

Please see full text of the announcement for all details related to this opportunity, to include submission requirements and white paper and proposal deadline information.

N0001426SB002.pdf (531.82 KB)
N0001426SB002-Statement-of-Work-Template.pdf (163.95 KB)
N0001426SB002-Technical-Proposal-Template.pdf (321.48 KB)

Published: July 16, 2026 10:06 AM EST

Required: All BAAs incorporate a standardized template for the submission of technical and cost proposals for all contract awards. Guidance and assistance in completing the form and spreadsheet can be obtained from points of contact provided in the BAA.

Download the Forms

Conflicts of Interest: To ensure fairness in the consideration of proposals, ONR has implemented policies to protect against organizational conflicts of interest.

What To Submit

White Papers

ONR recognizes that the preparation of a full proposal is a time-consuming and often costly proposition for prospective contractors. Therefore, before a full proposal is written, prospective contractors are encouraged to take advantage of the submission of white papers. White papers allow prospective contractors to submit their ideas in confidence to ONR program officers to evaluate, provide technical feedback and offer some indication of the likelihood of success for a full proposal based on program interests and priorities. A full proposal will be either encouraged or discouraged; however, a full proposal may be submitted at any time (even if the white paper is discouraged) and it will receive full consideration. Prospective contractors who are invited to submit full proposals are reminded that the invitation to submit does not represent a commitment to fund the proposal.

Full Proposals

All ONR Broad Agency Announcements incorporate a standardized template for the submission of technical and cost proposals for contract awards. Guidance and assistance in completing the form and spreadsheet can be obtained from points of contact provided in the BAA.

The following documents must be completed and submitted for contract consideration:

- Proposal checklist
- Technical proposal template
- Statement of work template
- Cost proposal template

In addition, prospective contractors must complete Online Representations and Certifications (ORCA) in the System for Award Management (SAM), including both FAR and DFARS clauses located at www.sam.gov. SAM must be supplemented with:

- ONR contract specific representations and certifications

Lastly, this document only needs to be completed if you do not have a report from DCAA or DCMA stating the design of your accounting system is in compliance. Please note that an "approved government accounting system software" does not exist. An audit of each contractor accounting system must be performed to evaluate the design and implementation of each system.

- Pre-award survey of prospective contractor accounting system checklist

How To Submit

The submission process generally takes place in two stages.

1 White Paper Submission

You are encouraged to submit white papers, which can minimize the labor and cost associated with production of detailed full proposals that may have little chance of being selected. Based on an assessment of your white paper, the responsible research topic lead (ONR program officer) will provide you with informal feedback. White papers arriving after a deadline may not receive, and therefore may not benefit from, the informal feedback. White papers shall be submitted via the ONR Submission Portal unless the Broad Agency Announcement or Special Notice states differently (see below for more information).

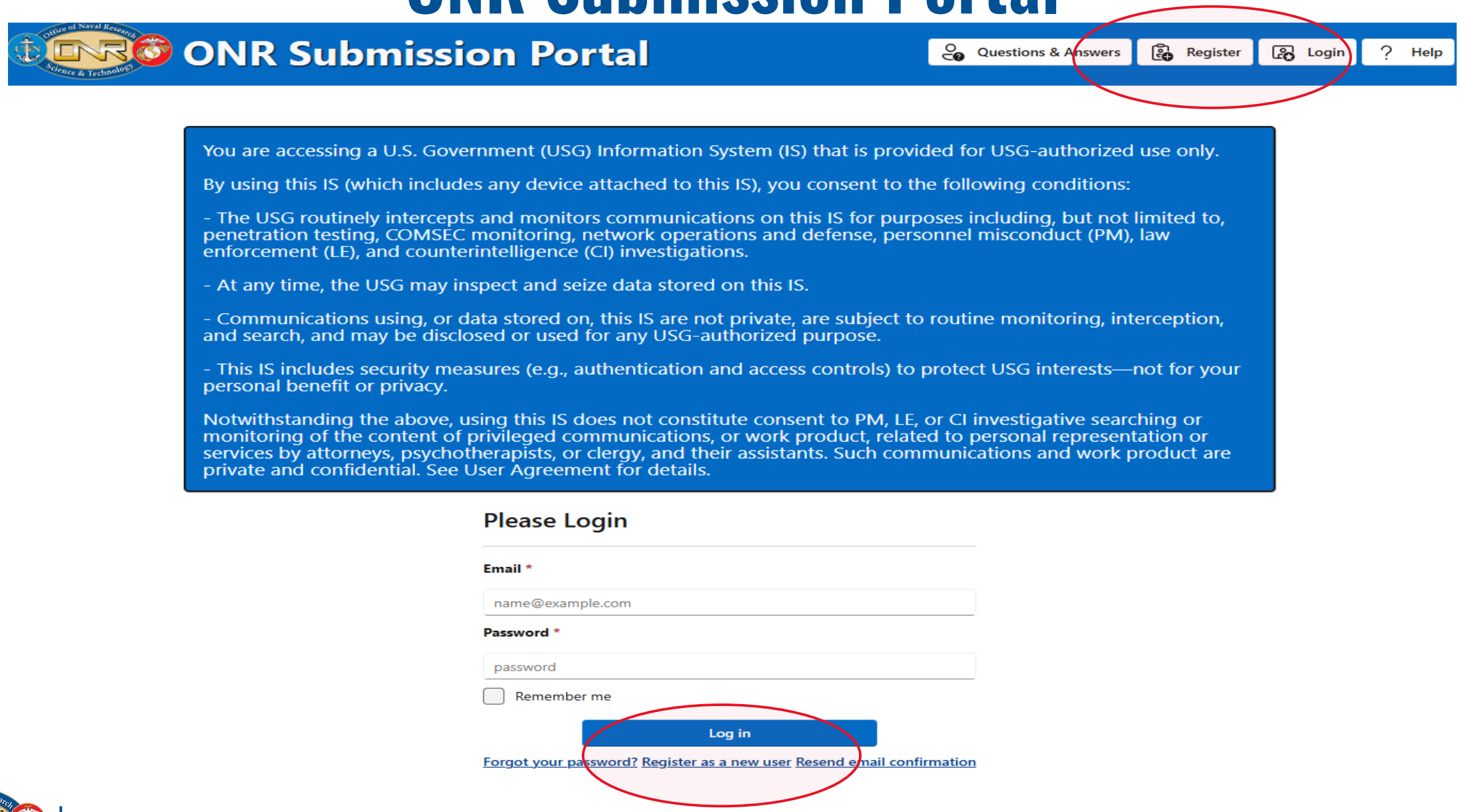
2 Full Proposal

All full proposals shall be submitted via the ONR Submission Portal unless the Broad Agency Announcement or Special Notice states differently (see below for more information). Provide all information cited in the announcement found at https://sam.gov/content/opportunities or on the ONR funding opportunities page to ensure that your proposal can be properly evaluated.

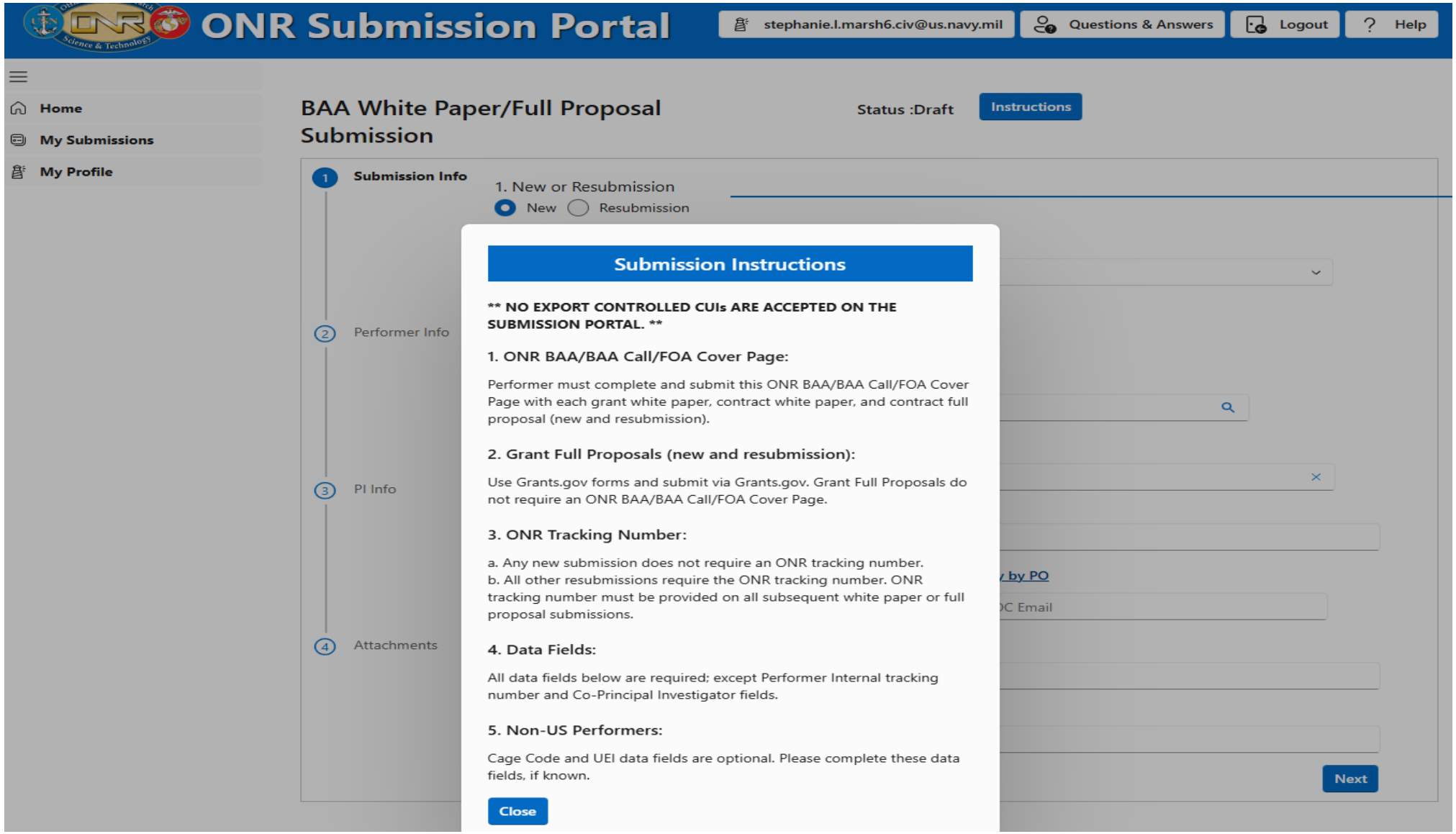
Where to Submit

ONR uses the ONR Submission Portal to electronically receive white papers and full proposals unless the Broad Agency Announcement or Special Notice states differently. To access the ONR Submission Portal, please go to: https://submissions.nre.navy.mil

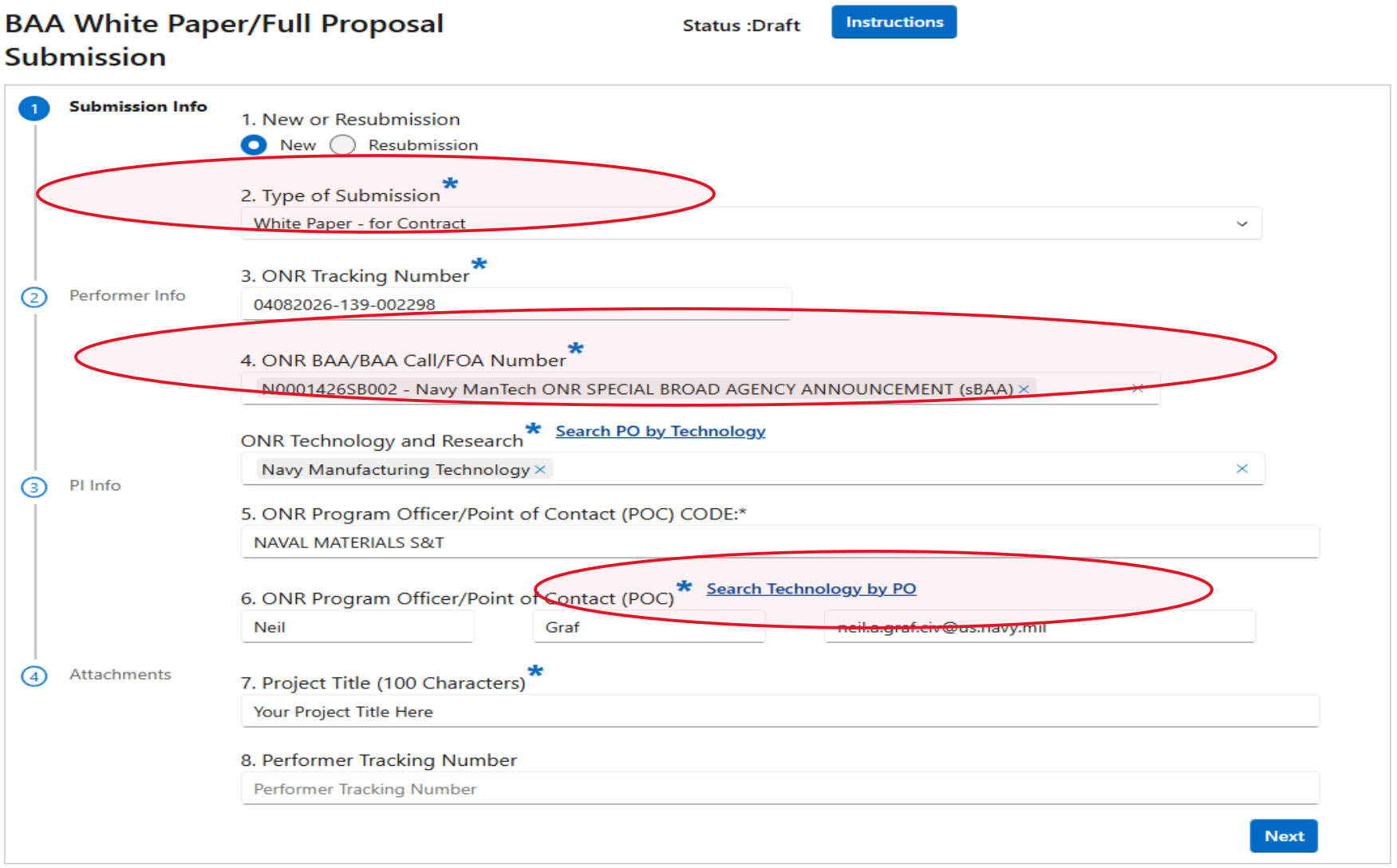
ONR Submission Portal



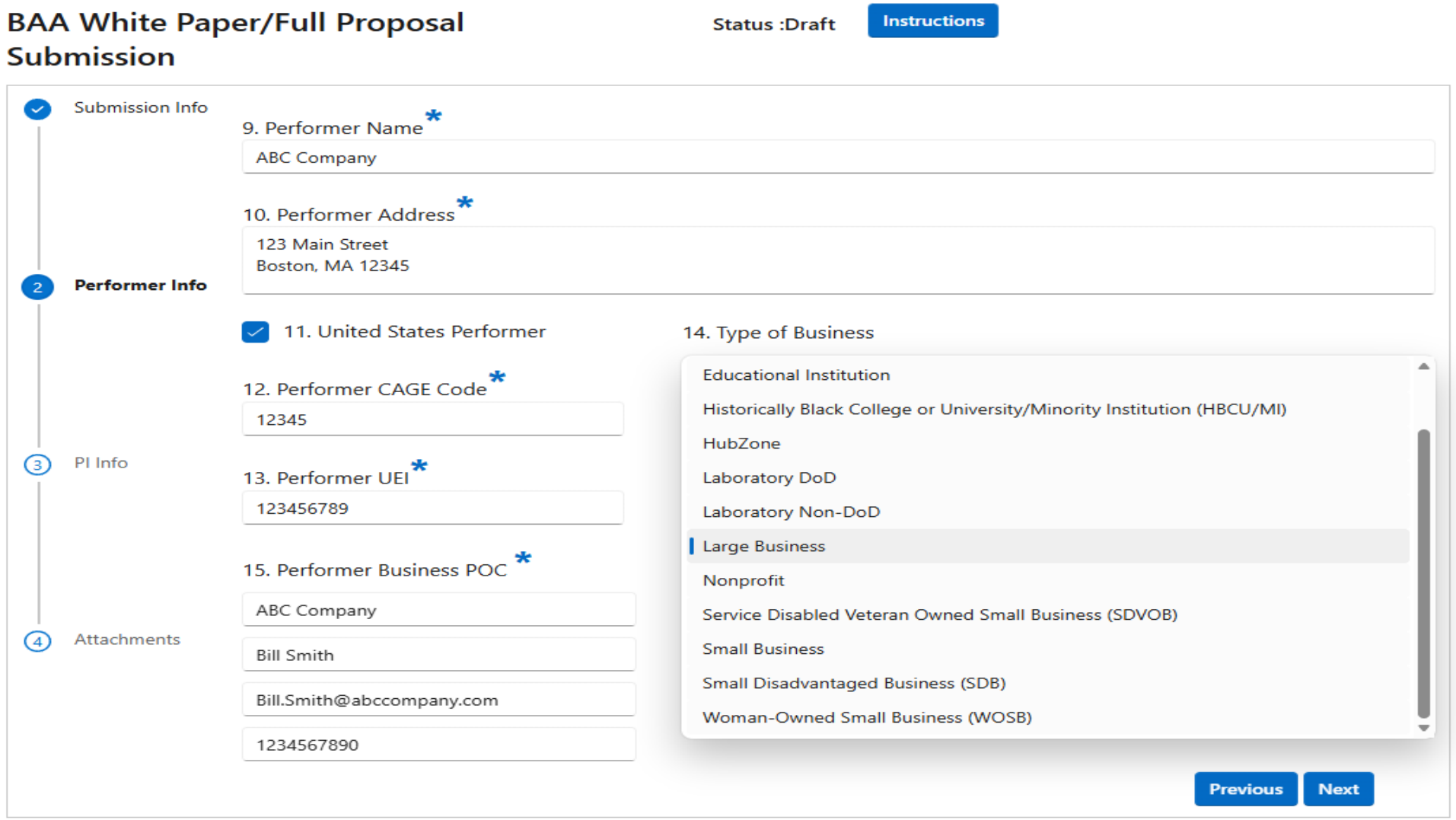
ONR Submission Portal



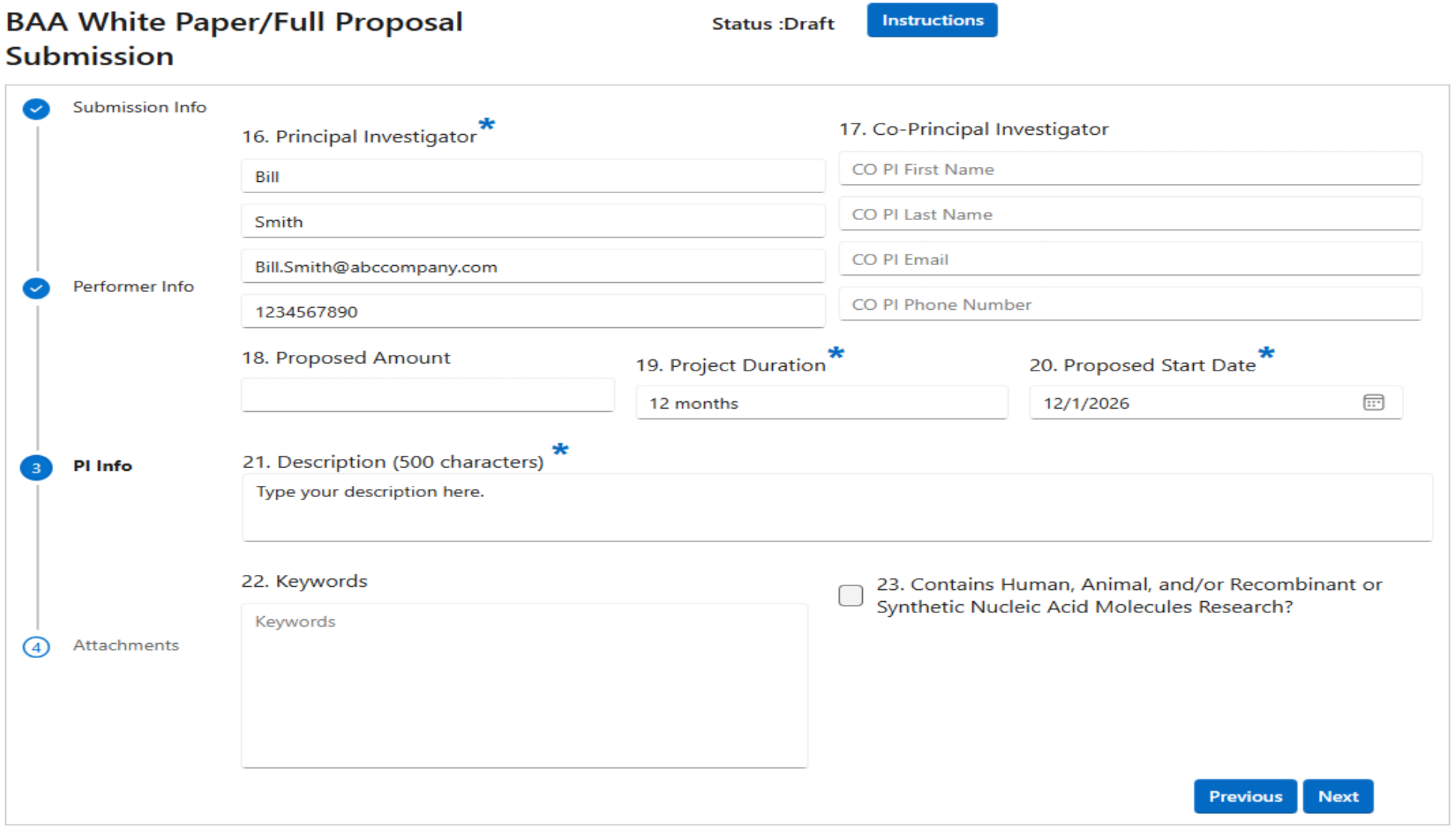
ONR Submission Portal



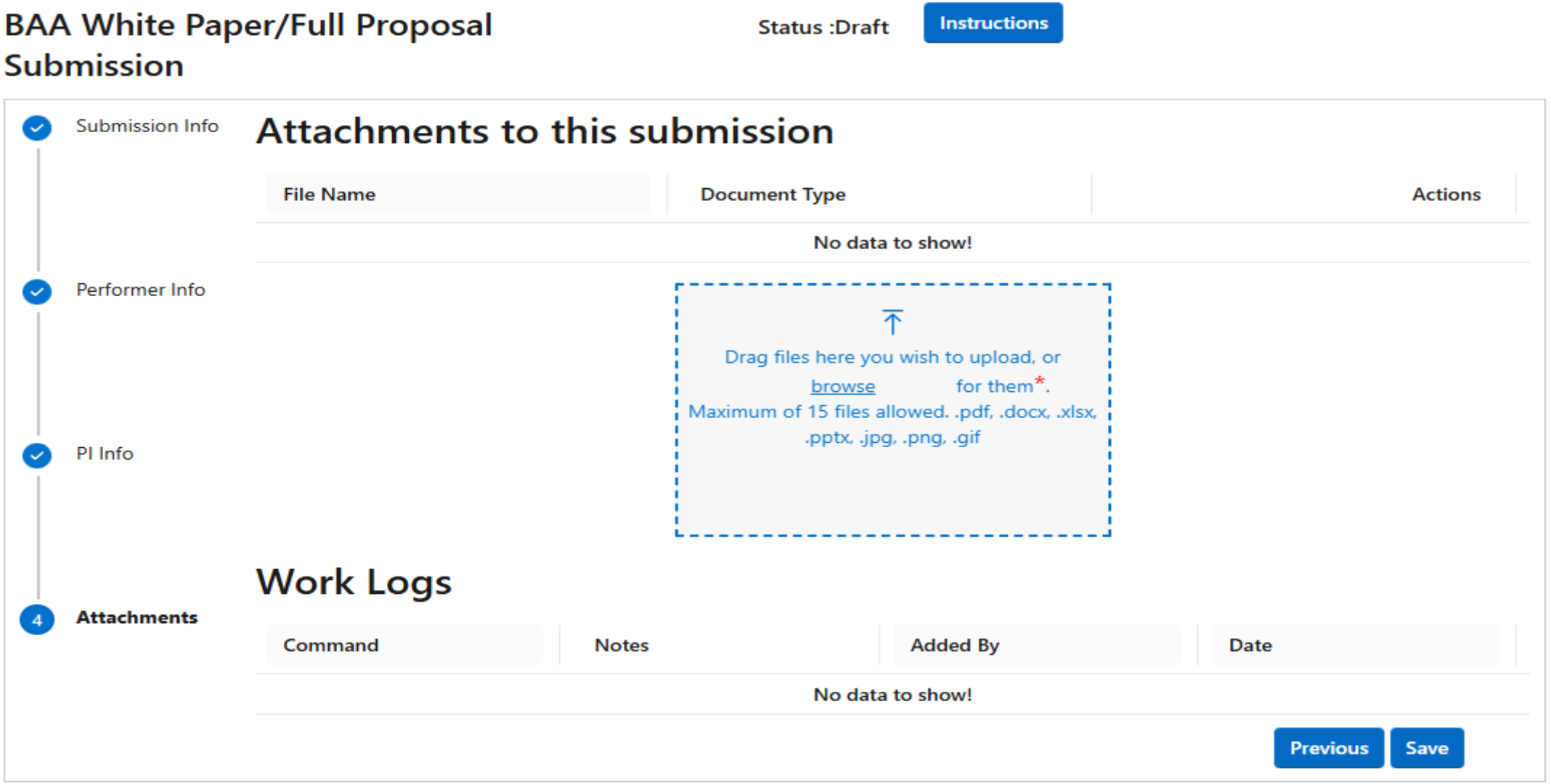
ONR Submission Portal



ONR Submission Portal



ONR Submission Portal



Required Credentials

Essential Codes & Identifiers

NAICS Code: 541715 - Research and Development in Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology).

DUNS Number: You must obtain a free Data Universal Numbering System identifier.

System for Award Management

Active registration in SAM.gov.

Registration requires:

- DUNS Number
- Taxpayer ID
- Bank Account and Routing Numbers

SAM Registration provides:

- Cage Code (DLA)
- Unique Entity Identifier

Submission Eligibility

Eligible Participants

- All responsible sources from industry, academia, and the research community.
- Small and large businesses.
- Historically Black Colleges and Universities (HBCUs) and Minority Institutions (MIs).

Teaming & Restrictions

- Diverse teams providing deployment-ready solutions are strongly encouraged.

Ineligible for Award:

- FFRDCs, Navy labs, and military universities generally cannot receive direct awards (teaming may be allowed in certain cases).

Handling Classified Questions

DO NOT EMAIL CLASSIFIED QUESTIONS

- Initial Step: Send an UNCLASSIFIED email to the ONR Security POC (Andre Ewing) at ONR.NCR.NavyManTechBAA@us.navy.mil.
- **Email Subject: Classified Question Request ONR Security POC**
- Email Content: State ***only*** that your entity wishes to ask a **CLASSIFIED** question. Do not include the question itself.
- Next Steps: The Security POC will contact you to arrange a secure method of communication for the question.

Questions & Points of Contact

The Two-Week Rule

- All questions regarding white papers or proposals must be submitted no later than two weeks before the respective submission deadlines.

Centralized Inquiries

- Email all questions to: ONR.NCR.NavyManTechBAA@us.navy.mil
- Technical: Neil Graf
- Business: Stephanie Marsh
- Security: Andre Ewing

sBAA Amendments

- SAM.gov Webpage – Contract Opportunities – https://sam.gov/
- ONR BAAs, FOAs, and Special Program Announcements Webpage - https://www.onr.navy.mil/work-with-us/funding-opportunities

Common Mistakes In Submissions

- Not providing all required files.
- Not using the required templates.
- Not tailoring white papers or proposals to the instructions in the sBAA.
- Proposing higher fee than what is allowed (DFARS 215.404-71).
- Subcontracting plan is not compliant with FAR/DFARS.
- Cost proposal template embedded directions not followed:
  - Changed or missing formulas.
  - Substantiation for labor & indirect rates missing.
  - Subcontractor cost proposal missing.
- Noncompliant data rights assertions

Conclusion & Tips for Success

- Please read the sBAA in its entirety.
- Submit all required documents in initial submission.
- Ensure you check and respond to emails promptly.
- Ensure your SAM.gov entity registration is up to date and active.
- Adhere to deadlines.

Q&A

Thank you!

- **Thank you for attending and participating!**

- **Please join us for ONR's Innovation Industry Day (I2D)**
  - Monday, Sept. 21, to Friday, Sept. 25, 2026 | 9 a.m. - 5 p.m. Eastern Time
  - Location: George Mason University, Ballston Auditorium, 3351 Fairfax Drive, Arlington, VA 22201
  - Registration link: https://www.onlineregistrationcenter.com/register/222/page1.asp?m=4269&c=747
    - Registration is strictly limited to U.S. industry partners. Advanced registration is required. Please visit the registration site to register and review all attendance details.
    - The deadline to register is by Friday, August 21, 2026, at 4 p.m. Eastern time.
- **Resources:**

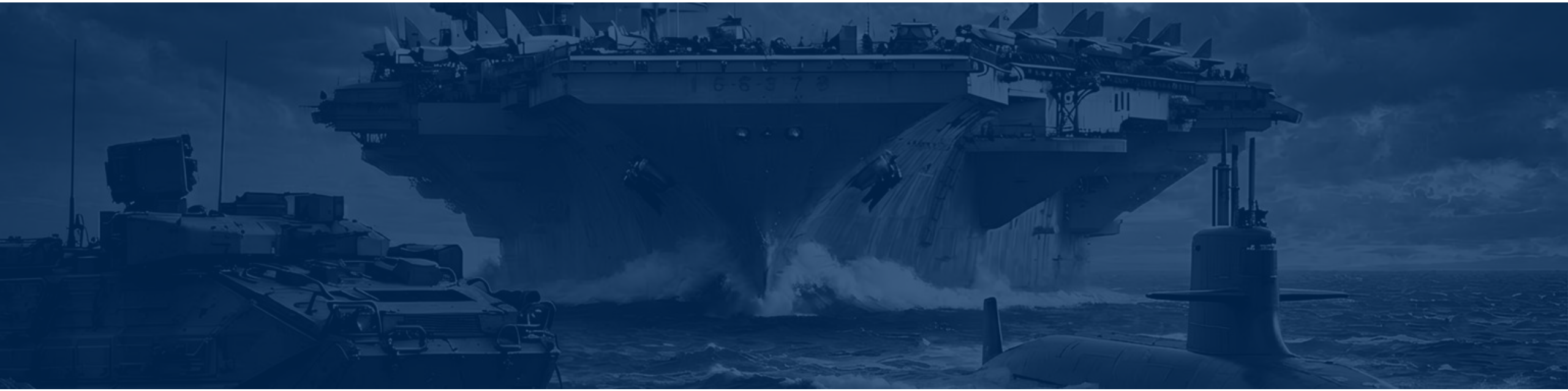
sBAA N00014-26-S-B002

Navy ManTech Website

Work with ONR

Approved. DCN# 2026-8-17-2720

CONTACT US – Navy ManTech



ADDRESS

875 Randolph Street
Suite 1425
Arlington, VA 22203-1995

WEBSITE

www.onr.navy.mil

facebook.com/officeofnavalresearch

www.youtube.com/user/usnavyresearch

www.instagram.com/usnavyresearch

One-on-One Industry Discussions

Breakout Table Discussions

Execution:

- 1500 – 1700
- 8-minute discussion
- 2-minute transition
- Follow-up with ONR @ ONR.NCR.NavyManTechBAA@us.navy.mil