



Welcome to NAVSEA Small Business Industry Day 26 October 2023

“Harnessing The Power of the Small Business Industrial Base”

SeaPort NxG

Stacy McQuage
SeaPort Deputy Program Manager, NAVSEA
October 2023

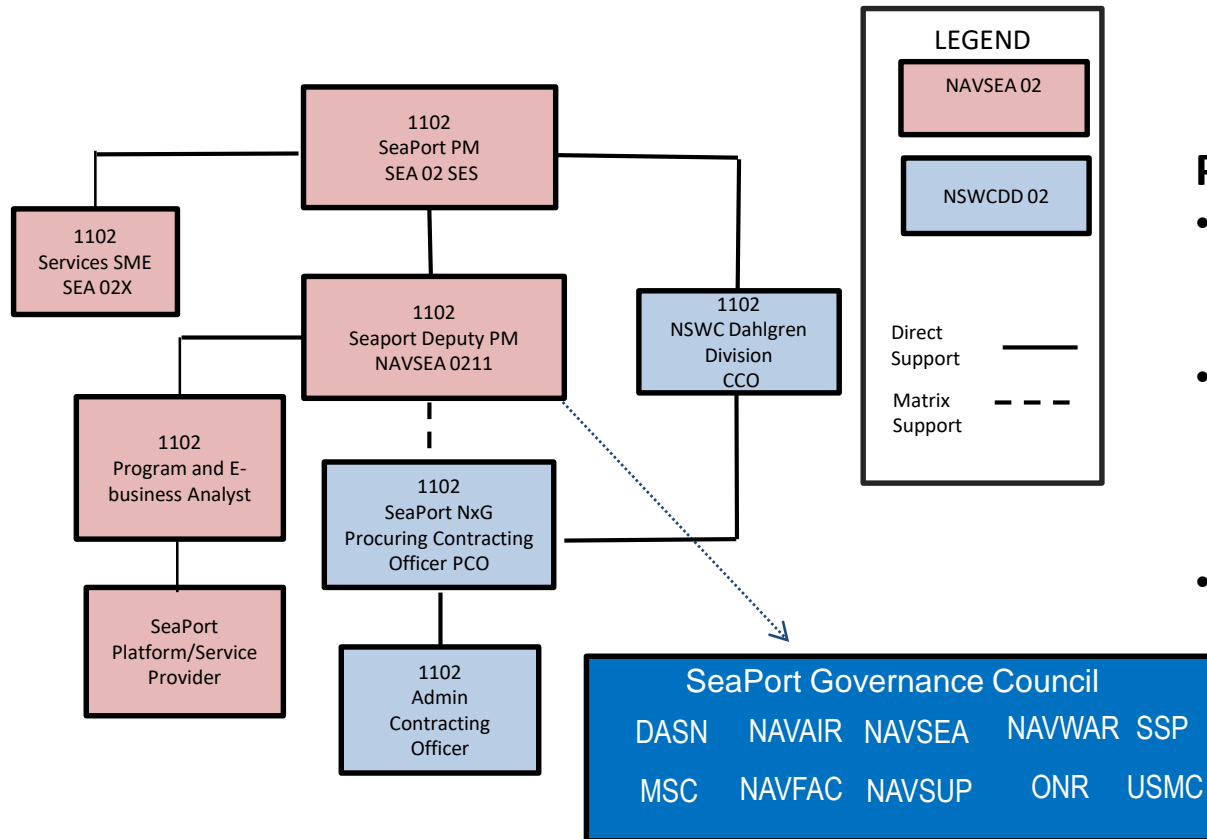


What is SeaPort?

- SeaPort is the Department of the Navy's (DON's) strategic contract vehicle for the procurement of engineering and professional support services
- SeaPort refers to both a set of Indefinite Delivery Indefinite Quantity (IDIQ) Multiple Award Contracts (MACs) and also an electronic platform to solicit, award and administer task orders
 - Currently 2,416 Prime Contractors
 - 85% of Prime Contractors are Small Business

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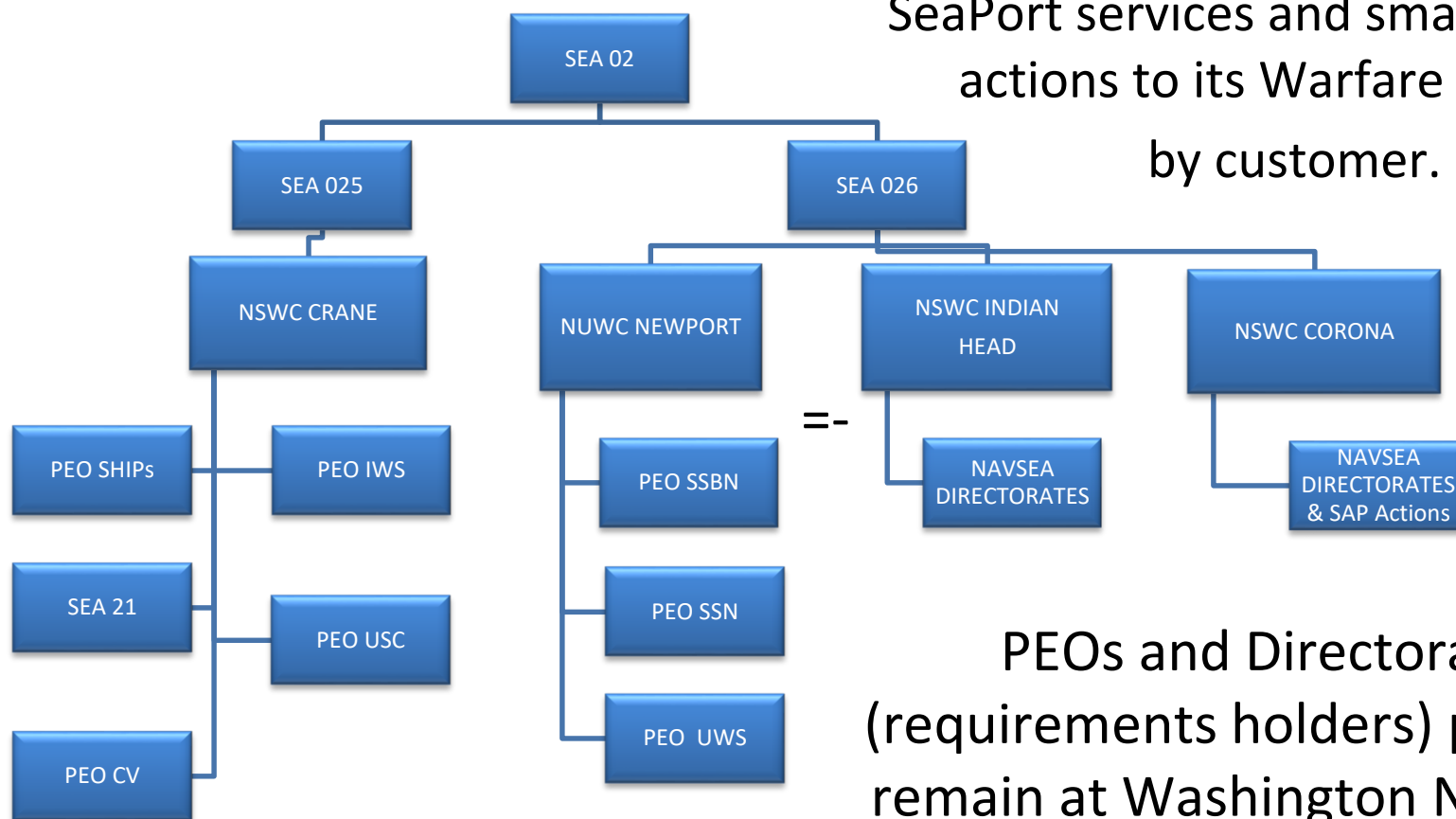


PMO Responsibilities

- Oversee the development, maintenance and operations of SeaPort Portal
- Award and administer overarching SeaPort IDIQ MAC and implement Navy service policies
- Communicate policy or technical changes w/ Navy Wide Governance Council and vendor community

Doing Business with NAVSEA SEAPORT OFFICES

NAVSEA 02 transferred its
SeaPort services and small purchase
actions to its Warfare Centers
by customer.



PEOs and Directorates
(requirements holders) physically
remain at Washington Navy Yard

- Not a schedule program or GWAC – Navy Only
- Fair Opportunity to Compete in accordance with FAR 16
 - Nationwide competitions
 - No Direct Ordering or exceptions to Fair Opportunity – 100% competition amongst vendors
- Decentralized ordering – 106 Ordering Offices nationwide across 10 Navy Commands
 - NAVSEA, NAVAIR, NAVWAR, NAVFAC, NAVSUP, USMC - MARCOR and I&L, ONR, NRL, MSC, and SSP
- Use of the electronic SeaPort Portal for all Task Orders (TOs)

Contract Characteristics

- Five-year Base ordering period w/Five-Year Option
 - Option Period Exercise Date – 1 January 2024
 - Final Ordering date – 1 January 2029
 - Same dollar ceiling and terms and conditions each contract
 - No work at the MAC level – all at Task Order level
- Cost, Fixed or Hybrid CLIN type priced task orders permitted
 - No Time and Material or Undefined orders
- Profit and pass-through are contractually capped at 8.0%
 - There is no cap on escalation at the MAC level.
 - There are no pre-negotiated rates
- Single NAICS (541330) with military exception (\$47M) for all TO solicitations

- Maximize Small Business participation through SB Prime awards and socioeconomic set asides
 - Set asides must be noted in the TO Solicitation
- Each TO solicitation is reviewed by the Deputy for Small Business (DSB) for potential set asides and TO subcontracting goals
- MAC Small Business subcontracting goals:
 - 20% of obligated dollars to large businesses will be subcontracted to small business across the life of the MAC (does not have to be per task order)
 - Subcontracting actuals tracked in the portal for all vendors regardless of size – reporting period April 1 – May 15 and October 1 – November 15 for previous 6 month period

Fiscal Year	Total Spend	Total SB Spend	SB Spend %	Total Vendors	SB Vendors	SB Vendor Participation
FY17	\$4,879,237,148.03	\$2,144,131,479.31	43.94%	529	412	77.88%
FY18	\$5,478,291,100.16	\$2,514,287,190.35	45.89%	522	409	78.35%
FY19	\$5,972,088,584.02	\$2,904,633,080.75	48.63%	541	426	78.74%
FY20	\$6,276,233,921.06	\$2,925,914,498.92	46.61%	641	501	78.16%
FY21	\$6,425,800,218.00	\$2,984,720,092.00	46.45%	713	539	75.60%
FY22	\$6,710,374,727.00	\$3,137,057,688.00	46.75%	684	514	75.15%
FY23	\$7,376,283,530.96	\$3,501,605,923.08	47.47%	739	559	75.64%
Average	\$5,957,004,283.05	\$2,768,457,338.22	46%			46.47%

FY 23 SeaPort Spend		
	Sum of Total Incremental Funded Amount in FY 23 (LB+SB SPEND)*	Sum of Total Incremental Funded Amount in FY 23 (SB SPEND)*
SYSCOM		
NAVSEA	\$3,526,944,156	\$1,587,861,527
Grand Total*	\$7,376,283,530.96	\$3,501,605,923.08
* Includes SeaPort e legacy task orders and NxG Task Orders with Incremental funding for FY23.		

SeaPort NxG NAVSEA Award Stats

NAVSEA Ordering Office	# TO Awards	Sum of Potential Value at Award
Naval Sea Systems Command (N00024)	2	\$ 47,867,379
NSWC, CARDEROCK DIVISION, MARYLAND (N00167)	26	\$ 910,658,128
NSWC, CORONA DIVISION (N64267)	19	\$ 1,563,200,411
NSWC, CRANE DIVISION (N00164)	72	\$ 5,311,651,352
NSWC, DAHLGREN DIVISION (N00178)	68	\$ 4,183,926,893
NSWC, Indian Head Division (N00174)	14	\$ 394,313,366
NSWC, PANAMA CITY (N61331)	35	\$ 971,518,075
NSWC, PHILA (N64498)	44	\$ 671,217,758
NSWC, PORT HUENEME DIVISION (N63394)	18	\$ 942,603,623
NUWC, KEYPORT DIVISION (N00253)	12	\$ 661,929,848
NUWC, NEWPORT DIVISION (N66604)	56	\$ 1,980,227,622
Naval Sea Logistics Center Mechanicsburg (N65726)	9	\$ 138,756,448
Pearl Harbor Naval Shipyard & IMF (N32253)	2	\$ 52,143,968
PORTSMOUTH NAVAL SHIPYARD (N39040)	1	\$ 83,189,359
PUGET SOUND NAVAL SHIPYARD & IMF (N4523A)	1	\$ 244,027
Norfolk Naval Shipyard (N42158)	3	\$ 139,584,982
MARMC (N50054)	13	\$ 132,471,739
SERMC (N40027)	8	\$ 25,551,455
SWRMC (N55236)	1	\$ 79,975,428
Grand Total	404	\$ 18,291,031,861

Overall Proposal Stats	Numbers
Different Vendors Winning an Award	161
Average # of Proposals Received	4
# of Set Asides	244
One-Bid	89

Only 23% of
competitive orders
end in a one bid

Lowest Priced Winner	# of TOs
No	164
Yes	151

52% of competitive
orders are NOT the
lowest bidders

60% of
Solicitations have
been set aside

Set Asides	# Awards
8(a)	22
WOSB	3
SDVOSB	13
HUBZone	2
SB Set Aside	204
Unrestricted	160
Total	404

Winner Incumbent	# of TOs
No	185
Yes	130

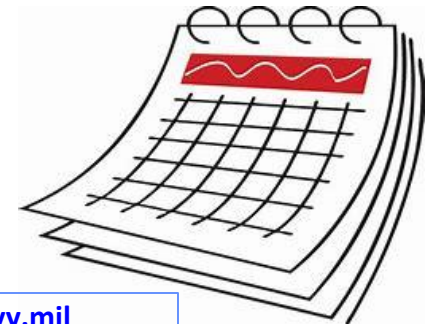
59% of competitive
orders do NOT go to
the incumbent

Data as of 01/01/19 – 10/23/23. Size representative at time of MAC award.

How to Access SeaPort

- Must be a MAC holder or Team Member
- Rolling Admissions (RA) is the process where new vendors can join SeaPort via award of the base MAC
 - No User Fee or minimum spend for Contractors to join SeaPort
 - Scheduled when the vendor base requires new entrants to refresh the competitive pool.
 - Scheduling dependent on market factors such as:
 - Number of Mergers/acquisitions in the vendor base
 - Number of vendors voluntarily not wanting to continue SeaPort access
 - Number of Socio-economic changes within the vendor base
 - Changes to the vendor base general size makeup (not maintaining enough SB for example)
 - Advertised on beta.SAM.gov and proposal requirements do not frequently change from the original solicitation.

- Upcoming Ordering Period Option Exercise Date
 - **02 January 2024**
 - Applies to all current MAC holders - Must want to continue participation in the SeaPort task order procurement processes, have active SAM.GOV account and still be considered responsible prior to option exercise date
 - Emails were sent out via the portal with information in Oct 2023 - make sure your account is active to receive portal messages.
- Rolling Admissions is anticipated after Option Exercise Modification issuance
 - Subcontracting remains an avenue to gain necessary Navy experience for any later Rolling Admission RFP
 - Subcontracted vendors do not have to hold a SeaPort MAC to be a team member or subcontractor under an existing MAC holder
 - Check last solicitation on Sam.gov – N0017821R7000



Questions or feedback? Contact the SeaPort PMO at Seaport_epco@navy.mil

- Future of SeaPort IDIQs
 - Never too early to plan for what will be solicited as the next evolution of SeaPort NxG.
 - SeaPort PMO is always soliciting feedback – formal RFI for current vendors and government users to begin in late FY24
 - What can we do next time to make the contract vehicle more agile or efficient and still provide the right mission critical services to the Navy.
- Future of the SeaPort electronic portal
 - No formal changes to date – future functionality tied with Navy's contract writing solution ePS.

Questions of feedback? Contact the SeaPort PMO at Seaport_epco@navy.mil



DCAA

DEFENSE CONTRACT AUDIT AGENCY

Defense Contract Audit Agency: Introduction and Cost Type Compliance Requirements

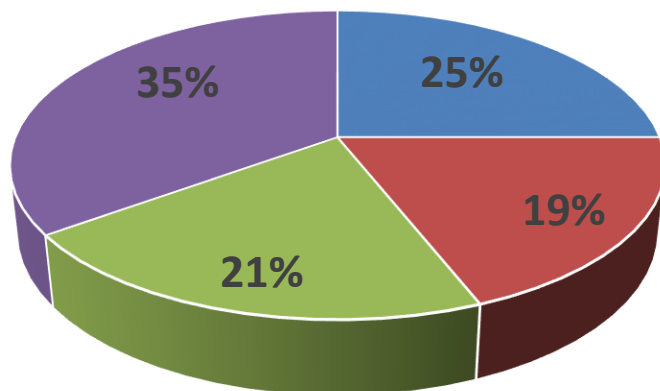
DCAA Overview

- Conduct contract audits on DoD contractors and provide related financial services for the Department of Defense and other federal entities responsible for acquisition and contract administration.

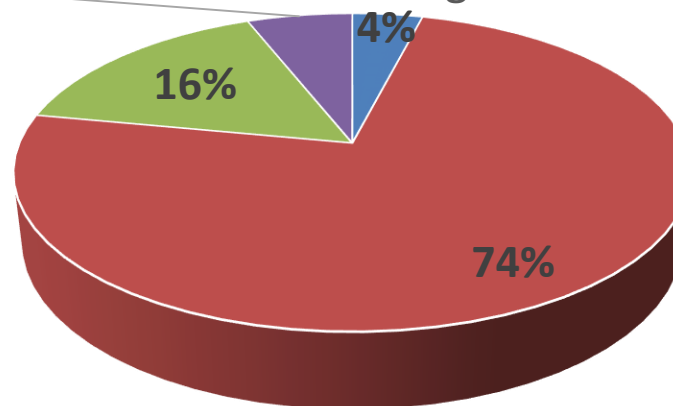
FY 2022 Statistics

- Examined \$262.3 billion
- \$3 billion in net savings
- Return on investment of \$4.60 for every \$1 spent
- 2,560 audit reports issued

FY22 Audits Completed

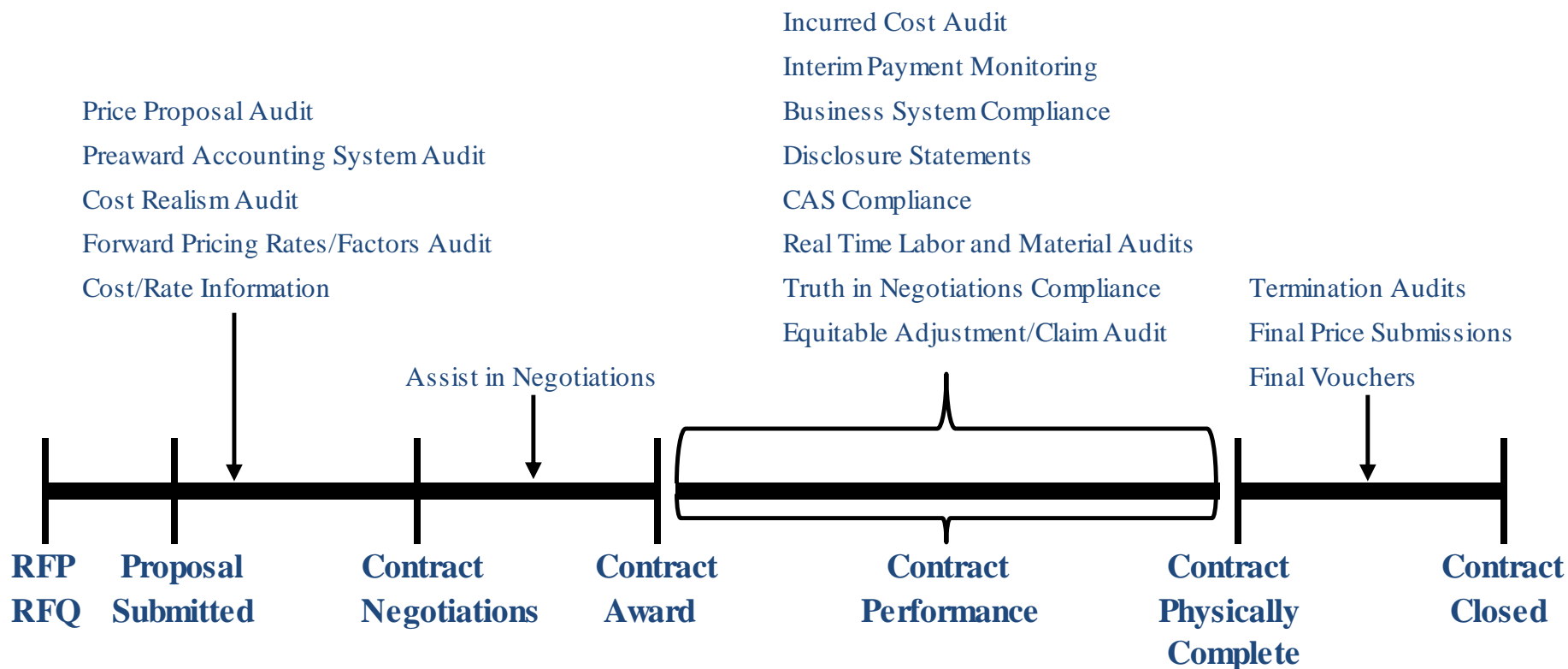


FY22 Net Savings




■ System, CAS, TIN
 ■ Forward Pricing
 ■ Incurred Cost
 ■ Claims and Terminations

Contract Life Cycle Involvement





Preaward Accounting System Audit Objectives

- Is the design of the accounting system acceptable for the prospective award?
- Can the contractor's accounting system accumulate and segregate costs under federal cost type contracts?
- Is the contractor's accounting system in operation or set up, but not in operation.
- DCAA's audit program is designed to evaluate each criterion of the SF 1408 

Directory of Audit
Programs

Prior to Contractor's 1st Cost Type Contract Award

- FAR 242-7502: (a) Contractors receiving cost-reimbursement, incentive type, time-and-materials, or labor-hour contracts, or contracts which provide for progress payments based on costs or on a percentage or stage of completion, shall maintain an accounting system.
- Contracting Officers request contractors to compose the Preaward Survey of Prospective Contractor Accounting System Checklist 
Checklist and Assertion
- Checklist asserts contractor meets SF1408 criteria and provides narrative describing how they meet each criterion 
SF 1408
- Only the Contracting Officer (either from the buying command or DCMA) can request DCAA to perform a Preaward Accounting System Audit

How Can A Small Business Prepare for a Preaward Accounting System Audit? (continued)

- Be able to describe, demonstrate, and provide examples of how your accounting system:
 - Generates basic financial reports (i.e.- trial balance, general ledger, job cost ledger/ profit and loss statement, etc.)
 - Identifies and segregates direct versus indirect expenses
 - Routinely (either actually or plans to) post and reconcile to books of account
 - Accounts for both direct and indirect time via paper or electronic timecards.
 - Identifies and handles unallowable costs
 - Provides for sub accounts or multiple contract line items (CLINs)
 - Calculates indirect rates (also what comprises the pools and bases)
 - Generates invoices (and show how these invoices are reliable/ accurate for current and cumulative costs)

How Can A Small Business Prepare for a Preaward Accounting System Audit?

- Be sure your Preaward Accounting System Survey narrative is detailed and includes sufficient explanation for how each criterion meets the SF 1408 requirements
- Compile a list of recent/ relevant audit history (results, reports, outcomes, etc.)
- If applicable, be ready to explain corrective action plans for any prior questioned costs or instances of noncompliance
- Provide all relevant accounting system policies and procedures and be ready to explain/ describe all related internal controls (i.e.- proper segregation of direct versus indirect costs, timekeeping procedures, timesheet controls, how indirect rates are calculated, billing procedures, etc.)
- Adequate support and documentation!

Examples of Noncompliances for Accounting System Audits

- Failure to properly segregate direct and indirect costs
- Lack of routine (at least monthly) posting to books of account
- Improper timekeeping/ labor mischarging
- Failure to exclude unallowable costs
- Inadequate procedures to ensure proper billing of subcontractor/ vendor costs
- Invoices that do not include both current and cumulative amounts and also do not reconcile to the job cost/ general ledgers

Frequently Asked Questions

1. How do I get a DCAA approved government accounting system?

- You cannot. There is no such thing as a DCAA approved government accounting system.

2. How do I request a DCAA audit of my accounting system?

- DCAA does not perform audits requested by a contractor. DCAA only performs these audits based on a request from a federal entity who is responsible for determining the acceptability of a contractor's system.

3. Is QuickBooks or any other accounting software applications acceptable accounting system for federal contracting?

- An accounting system is more than just a software package. It includes accounting methods, procedures, and controls. Many accounting software application can be part of an acceptable accounting system or set up in a manner that fails to meet the requirements of an acceptable system.

DCAA Internet Resources

- **Guidance**
 - Audit Process Overview – Information for Contractors Manual
 - Directory of Audit Programs
 - Contract Audit Manual
 - Select Area of Cost Guidebook (FAR 31.205 Cost Principles)
 - Links to Acquisition Regulations
- **Checklists and Tools**
 - Cost of Money Rates
 - Incurred Cost Electronically (ICE) Model
 - Contractor Submission Portal
 - Adequacy Checklists - Preaward Accounting System, Contract Pricing Proposal, Forward Pricing Rate Proposal, Incurred Cost Submission, Termination Settlement Proposal.
- **Frequently Asked Questions For Contracting Officers, Contractors and COVID-19**



PEO Aircraft Carriers Overview

NAVSEA Small Business Industry Day

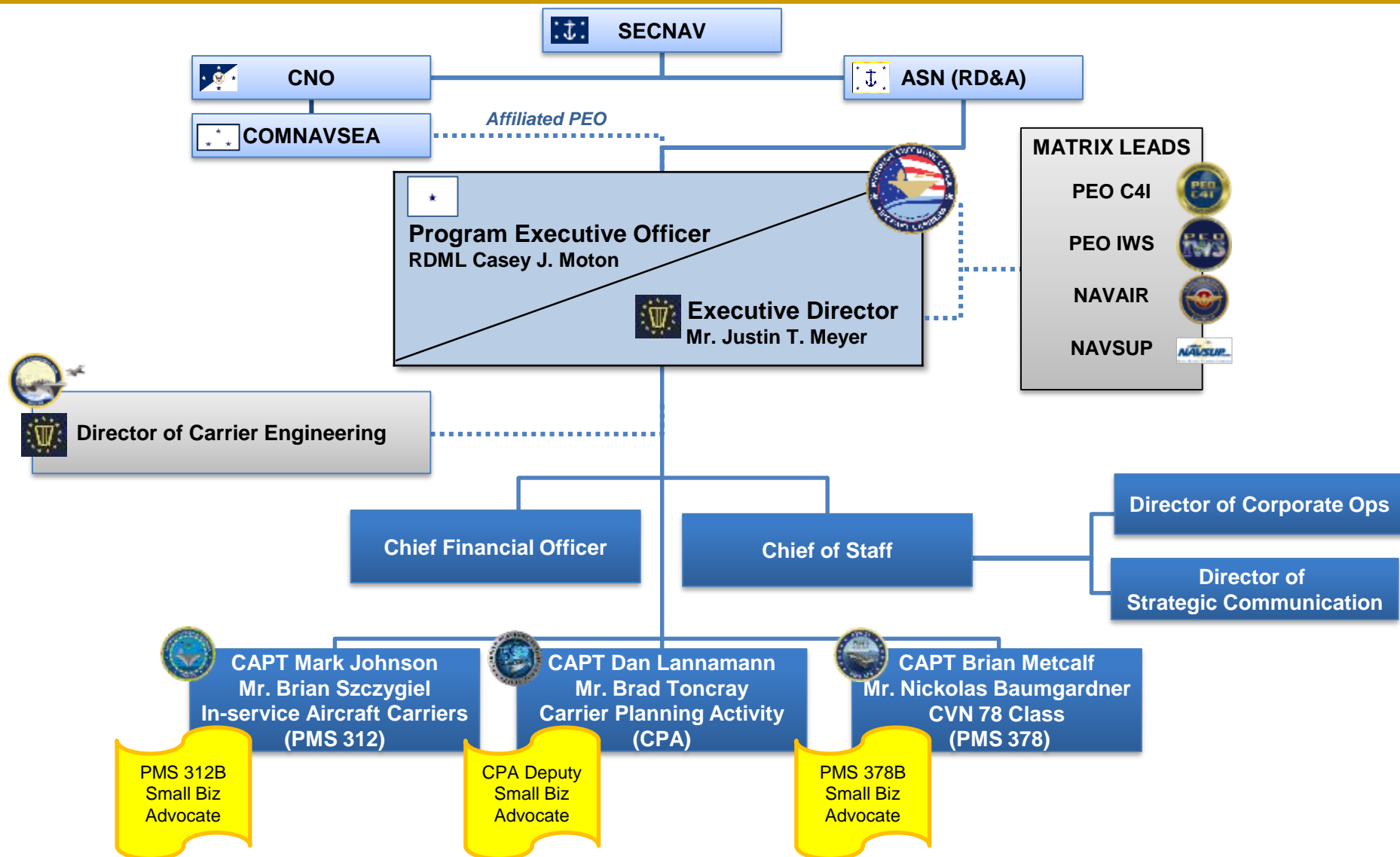
26 October 2023

RDML Casey J. Moton
Program Executive Officer, Aircraft Carriers

Mr. Justin T. Meyer
Executive Director



Organization





Portfolio

Mission: Deliver Aircraft Carriers on time, ready for tasking, at an affordable cost

In-service Carriers Program Office



**In-service TOA (PB24)
\$9.2B across the FYDP**



CVN 78-Class Program Office



**New Construction TOA (PB24)
\$17.4B across the FYDP**



Carrier Planning Activity



**PEO Aircraft Carriers TOA (PB24)
\$26.6B across the FYDP**



Strategic Importance of Aircraft Carriers

SECNAV Guiding Principles

Strengthen our maritime dominance

Foster a culture of warfighting excellence

Strengthen our partnerships and alliances

Aircraft carriers bring "power projection to anywhere that it's needed across the world in a time of crisis."

--SECNAV Del Toro, 10 March 2022



Peacetime

Presence
Humanitarian Assistance

Crisis

Deterrence

Conflict

Power Projection

"Our carriers are not only vital to deterrence, they are also the cornerstone of our interoperability with our allies."

--SECNAV Del Toro, 18 April 2023



Small Business Investment Areas

- CVN NIMITZ and FORD Class spares procurement(s)
- Additive manufacturing work and innovation
- Professional Support Services (PSS) Contracts
- Contracts for key trades to draw down work backlog
 - Painting
 - Pump repair
 - Outfitting
 - Preservation work
 - Calibration
 - Gas free certification
 - Galley / AC Repairs
 - Decking Repairs
 - Boat Davit Repair



CVN 76 – 25 Sep 2020

Over \$111M in Active Small Business Set-Asides (Since 2019 - Present)



Current Vehicles

- **PMS 312 Carrier Team One (CT1) SBSA**
 - Non-personal advisory and expert technical services in support of maintenance on all aircraft carrier availabilities, including Refueling Complex Overhaul (RCOH), Planned Incremental Availability (PIA), Selected Restrictive Availability (SRA) and Docking Planned Incremental Availability (DPIA), in support of Carrier Team One (CT1) Initiatives
 - Competitive
 - Status: Currently in Option Year 3 of TO
 - Awarded 12/11/2019
 - Prime: Orbis Sibro, Inc.
- **Carrier Planning Activity (CPA) SBSA**
 - Professional Support Services in support of In-Service Aircraft Carrier life-cycle management, maintenance, and modernization planning
 - Competitive
 - Status: Currently in Option Year 2 of TO
 - Awarded 12/18/2020 - PoP initiated 3/2/2021
 - Prime: Imagine One Technology
- **PMS 312 Refueling and Complex Overhaul (RCOH) SBSA**
 - Professional Support Services in support of Integrated Logistics Support (ILS), Refueling Complex Overhaul (RCOH), and Inactivation (INACT)
 - Competitive
 - Status: Currently in Option Year 2 of TO
 - Awarded 04/13/2021
 - Prime: Phoenix Group of Virginia (PGV)
- **PEO CVN Engineering Support Services (PEO-Wide)**
 - FORD and NIMITZ Class as well as disposal of USS ENTERPRISE Engineering Support Services (ESS) in support of Aircraft Carriers programs
 - Competitive
 - Large Business Prime with 20% small business participation subcontracting goal
 - Status: Currently in Option Year 2 of TO
 - Awarded 07/15/2021
 - Prime: ManTech (formerly Gryphon Technologies)
- **PEO CVN Professional Support Services (PSS) (Recompete / PEO-Wide)**
 - HQ Prime support for Program Management, Life Cycle Logistics, PEO Operations, Business and Financial Management
 - Competitive
 - Large Business Prime with 25% small business participation subcontracting goal
 - Status: Currently in Option Year 1 of TO
 - Awarded 12/01/2021
 - Prime: CACI



Current Vehicles

- **PMS 312 Carrier/Surface Engineering Maintenance Assist Team (CEMAT/SEMAT)**

- Contract to support U.S. Navy aircraft carrier (CVN), Carrier Engineering Maintenance Assist Team and surface engineering maintenance assist team in support of maintenance and planning for the overhaul and repair of equipment and systems associated with Navy aircraft carriers and West Coast Navy surface ships.
- Competitive
- Large Business Prime with 2% SBIF contingency based upon 30% SB subcontracting goal
- Status: Currently in Year 3 of IDIQ/DO
- Award 7/15/2021
- Prime: Huntington Ingalls Industries Inc. (HII)

- **PMS 312 Elevator Support Unit (ESU)**

- Provides engineering services, maintenance and operator training, technical and repair support to accomplish specific requirements described herein in support of maintenance and planning for the overhaul, modernization and repair of shipboard elevators, cargo handling equipment and associated systems installed within U.S. Navy Aircraft Carriers (CVN).
- Competitive
- Large Business Prime with 2% SBIF contingency based upon 30% SB subcontracting goal
- Status: Currently in Year 3 of IDIQ/DO
- Awarded 1/15/2021
- Prime Huntington Ingalls Industries Inc. (HII)

- **PMS 312 Mid Atlantic Private Sector Maintenance (Legacy Vehicle)**

- MA CVN PSM procurement for production, Advance Procurement (AP), material procurement and installation for non-propulsion plant work during CVN maintenance. Work to be performed at the NNS Hampton Roads.
- Competitive
- PoP: 7/29/2016 – 9/30/2024
- Status: Year 7
- Large business prime with 40% Small Business Goal
- Prime: Metro Machine Corp.

- **PMS 312 Mid Atlantic Private Sector Maintenance (Follow-on)**

- The accomplishment of non-nuclear work on USS NIMITZ (CVN 68) and USS GERALD R. FORD (CVN 78) Class ships, nuclear powered vessels, to include propulsion plant systems and components as designated by the Supervisor exclusive of nuclear systems and Ship Terminal Offload Program. Work to be performed at the NNS Hampton Roads.
- Competitive
- Awarded 4/21/2023
- PoP: 5YR plus 2 YR Option
- Large business prime with 40% Small Business Goal
 - 2% SBSIF if met
- Prime: Metro Machine Corp.



Current Vehicles

- **PMS 312 Pacific Northwest Private Sector Maintenance (Legacy Vehicle)**

- PNW CVN single award PSM contract for production, Advance Procurement (AP), material procurement and installation for non-propulsion plant work during CVN maintenance availabilities.
- Competitive
- PoP: 3/21/2019 – 03/20/2026
- Status: Currently in Option Year 4 of Task Order
- Large business prime with 45% Small Business Goal
- Prime: Metro Machine Corp.

- **PMS 312 CVN 74/75 Refueling Complex Overhaul (RCOH) Fire Watch**

- Fire Watch efforts support the Refueling Complex Overhaul (RCOH) on the U.S.S. John Stennis (CVN 74) and U.S.S. Harry S. Truman (CVN 75).
- Competitive, SBSA 8(a) set-aside
- PoP: 10/13/2023 – 10/12/2028
- Status: Currently in Base Year of Task Order
- Prime: Mills Marine and Ship Repair, LLC.

- **PMS 312 San Diego Private Sector Maintenance (Follow-on)**

- The accomplishment of non-nuclear work on USS NIMITZ (CVN 68) and USS GERALD R. FORD (CVN 78) Class ships, nuclear powered vessels, to include propulsion plant systems and components as designated by the Supervisor exclusive of nuclear systems homeported and/or visiting the San Diego, CA.
- Competitive
- Awarded 7/21/2023
- PoP: 5 Year
- Large business prime with 45% Small Business Goal
 - 2% SBSIF if met
- Prime: Huntington Ingalls Industries Inc. (HII)

- **PMS 312 Phase III Other Transaction Authority (OTA) CVN Rapid Response Team**

- CVN Rapid Response Team tasked to anticipate and mitigate late growth to the ship's force repair and maintenance work packages
- PoP: 6/20/2023 – 6/19/2025
- Status: Currently in Base Year of Task Order
- Prime: National Center for Manufacturing Sciences, Inc. (NCMS)
- Sub: Phoenix Group of Virginia (PGV)

- **PMS 312/378 Phase II OTA CVN 79 Construction and Waterfront support**

- CVN 79 construction and waterfront support; CVN 78 class configuration management; AWE governance. For PMS 312 Phase II includes Waterfront Engineering Support (WES) tools to manage government
- PoP: 11/11/2022 – 11/10/2024
- Status: Currently in Base Year of Task Order
- Prime: National Center for Manufacturing Sciences, Inc. (NCMS)
- Sub: Phoenix Group of Virginia (PGV)

- **PMS 378 New Construction Aircraft Carriers**

Increasing small business goals / targets with each successive contract for the shipbuilder.

- Prime: Huntington Ingalls Industries Inc. (HII).
 - CVN 79 Construction Preparation (CP) – Award FY09. Includes a 37% small business goal for subcontracted work (ship delivery in FY25).
 - CVN 79 Detail Design & Construction (DD&C) – Awarded FY15. Includes a 43% small business goal for subcontracted work (ship delivery in FY25).
 - CVN 80/81 DD&C – Awarded FY19. Includes a 43% small business goal for subcontracted work (ship deliveries in FY29 & FY32).



Upcoming Opportunities

SBSA

- **PMS 312 Carrier Team One (CT1) (Recompete)**
 - Competitive
 - Planned Small Business Set-aside (SBSA)
 - Award ECD FY24
- **Carrier Planning Activity (CPA) (Recompete)**
 - Competitive
 - Planned Small Business Set-aside (SBSA)
 - Award ECD FY25
- **PMS 312 Refueling and Complex Overhaul / Integrated Logistics (RCOH / ILS) Support (Recompete)**
 - Competitive
 - Planned Small Business Set-aside (SBSA)
 - Award ECD FY26

SBIR

- **Small Business Innovation Research (SBIR) Phase III**
 - PMS 312/378 sponsored effort planned to be awarded in FY24.
 - Utilizing a GSA SBIR for maintenance forecasting tools for CVN maintenance and new construction efforts.
- **PMS 378 SBIR 2024 Topic**
Planned 24.1 SBIR Topic Call
 - Pre-Release / Open for proposal submission anticipated in early FY24.

Large Prime with Subcontracting Participation

- **PEO CVN Engineering Support Services (ESS) (Recompete)**
 - Competitive
 - Anticipated 20% small business participation subcontracting goal
 - Award ECD FY26
- **HQ Professional Support Services (PSS) (Recompete)**
 - Competitive
 - Anticipated 25% small business participation subcontracting goal
 - Award ECD FY26
- **PMS 312 Pacific Northwest Private Sector Maintenance (PACNORWEST PSM) (Recompete)**
 - Competitive
 - Will include SBIF based upon meeting planned 45% small business subcontracting goal
 - Award ECD: FY25
- **PMS 378 New Construction Aircraft Carriers**
 - Increasing small business goals / targets for shipbuilder for future new construction Ford Class efforts:



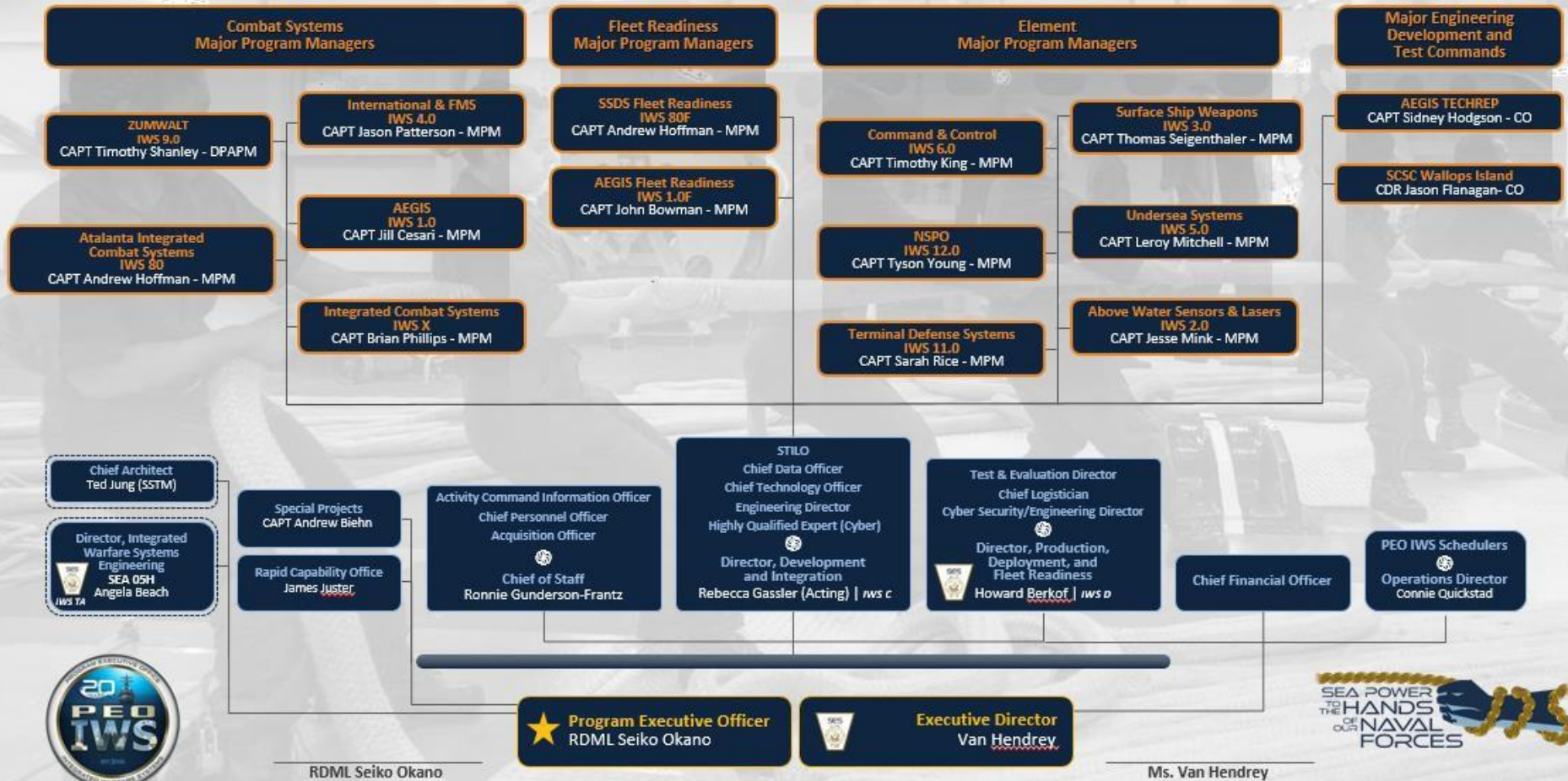
"Sea Power to the Hands of Our Naval Force"

***Program Executive Office Integrated Warfare Systems
NAVSEA Small Business Industry Day
October 26, 2023***



PEO IWS Organization

Program Executive Office, Integrated Warfare Systems



CUI

October 2023



PEO IWS Overview

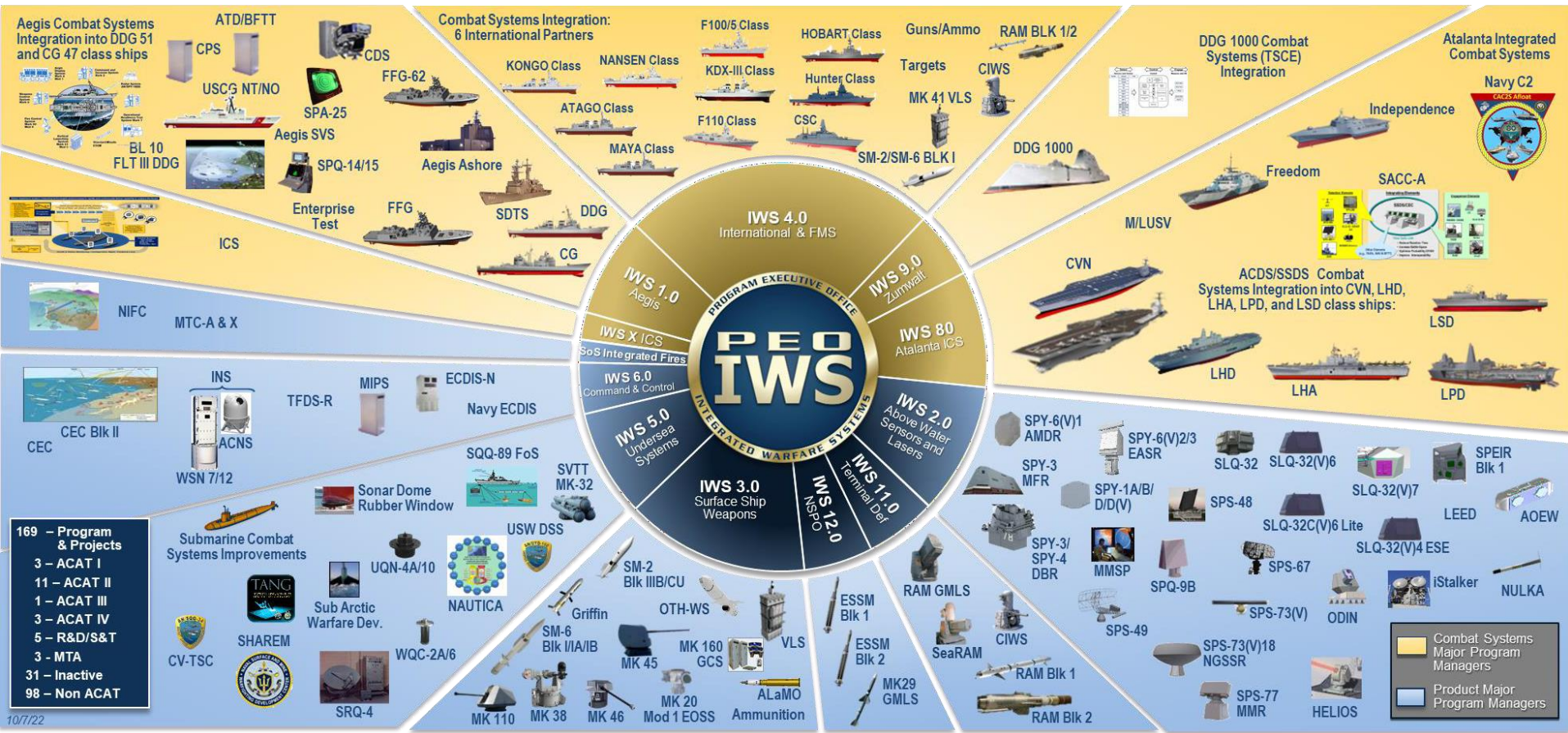
The Program Executive Office (PEO) for Integrated Warfare Systems (IWS) provides the program management and system engineering expertise spanning across the Acquisition Life Cycle of the services, solutions, and products we provide to the Fleet to meet warfighter requirements across the Space, Air, Land, Surface/Subsurface and Cyber domains.

Program Office	Small Business Advocate
IWS X	Ryan Moore
IWS 1.0	Dan Jacobs
IWS 2.0	Kitty Sutherland
IWS 3.0	Kirk Johnson
IWS 4.0	Tuan Phan
IWS 5.0	Glenda Leon

Program Office	Small Business Advocate
IWS 6.0	Robin Catalano
IWS 80	Gary Perkins
IWS 9.0	Elizabeth Major
IWS 11.0	Robert White
IWS 12.0	Gina Fachini



PEO IWS Portfolio



10/7/22



PEO IWS Strategic Goals

Fleet Focused

- Provide safe, effective, technologically superior and usable combat systems.

Drive Affordability

- Identify efficiencies, target affordability, control cost growth and shorten cycle-time for the delivery of capabilities.

Apply System Rigor

- Apply system engineering leadership and principles that will enforce traceability from requirement definition to fleet support.

Develop our Workforce

- Prepare the organization for future success by providing mentoring, training and career management for IWS with ethics as our foundation.



Small Business Investment Areas

- **Increase SB Participation In Each Socio-economic category**
 - Increase participation requirements on at least one contract
- **New Requirements To Increase SB Participation As Prime Contractors And Disaggregate Larger Contracts To Enhance SB**
 - Map out the TDP levels for all contracts
 - Identify three contracts to be transitioned to Full & Open Competition
 - Adjust at least one program to plan for Full & Open Competition
 - Standardize the language for security clearance requirements.
 - Ensure clearer requirements for security clearance of the individual personnel.
- **Streamline The Acquisition Process To Enhance SB participation**
 - Demonstrate the positive impact to the SB base through OTA metrics
 - Collect 50+ capabilities statements from industry through Portfolio Industry Day
 - Leverage Industry Day Website to connect with potential SB partners
- **Evaluating SB Participation In Competitive Source Selections And Incentivizing SB Subcontracting when Appropriate**
 - Award one contract that has requirements for two socioeconomic small businesses to perform similar workshare
 - One contract to provide a CPARS rating of “Other” to expand on Small Business requirements



Upcoming Opportunities

Small Business Entry Opportunities

- PEO IWS is pursuing six (6) Engineering Support Services (ESS)/Professional Support Services (PSS) Small Business Set Aside (SBSA) in FY24 – FY25:
 - Business Financial Management Professional Support (IWS Omnibus)
 - Logistics Professional Support (IWS Omnibus)
 - Engineering Support for Rotating Radars (IWS 2)
 - Development, Hardware, Production and Systems Engineering Support for Command & Control (IWS 6)
 - Engineering Support for CIWS and RAM (IWS 11)
 - Engineering Support for AEGIS TECH REP

Proposed SBIR Efforts

- Next Generation Surface Search Radar

Proposed Projects Seeking Innovation Or Solutions To Existing Problems

- Proposed problem statements will continue to be released at the PEO IWS Industry Day (next planned event tentatively Feb 2024)



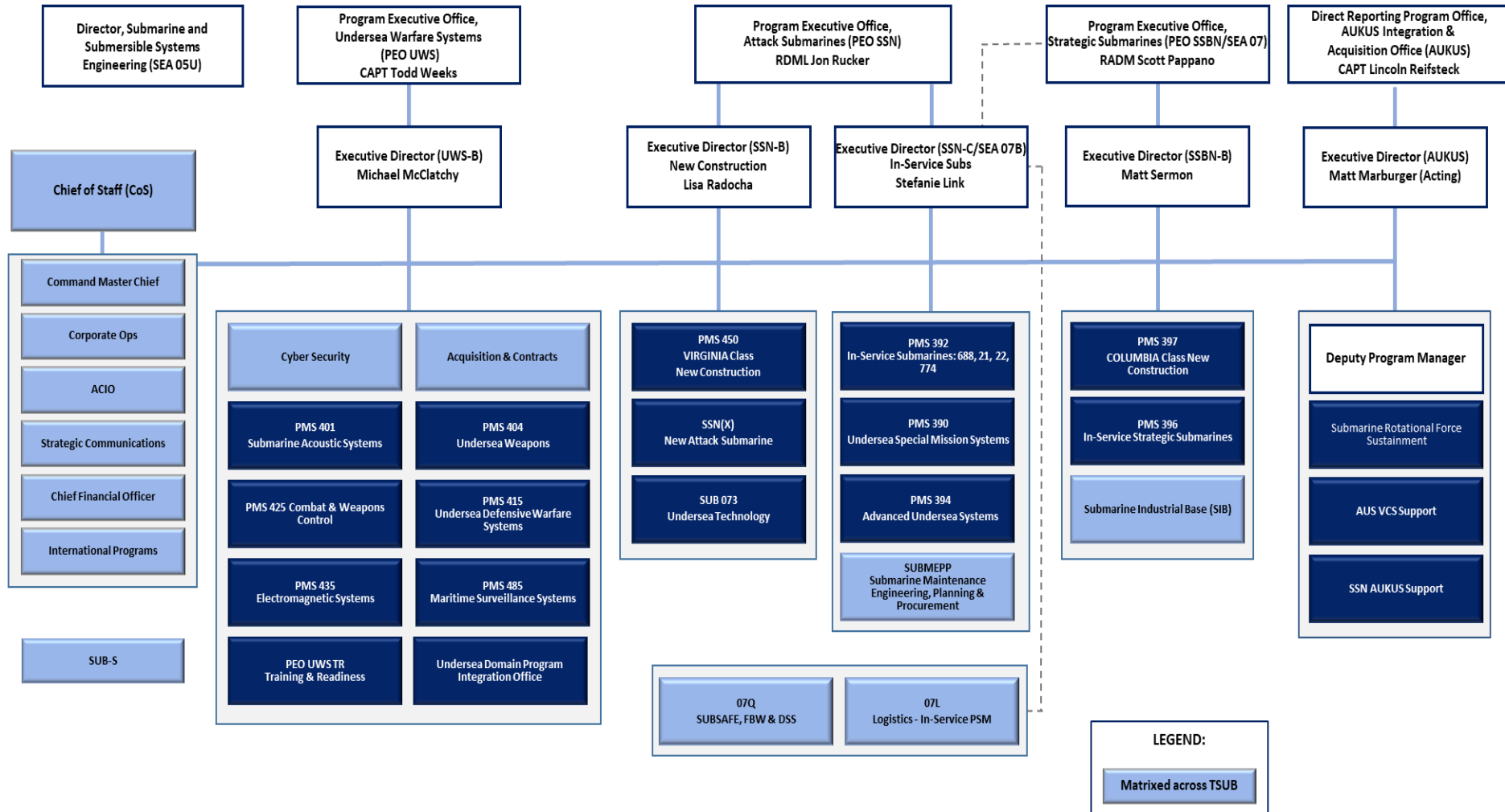
TEAM SUB

Small Business Industry Day

October 26, 2023



Team SUB (UWS, SSN, SSBN, AUKUS) Org Chart



TEAM SUB Mission & Vision

WHO WE ARE

- Team SUB unites three PEOs, a NAVSEA Directorate, and AUKUS DRPM into a single "submarine-centric" team.

MISSION

- The mission of Team Submarine (SUB) is to keep America's Navy #1 by delivering and sustaining reliable and affordable undersea warfare capabilities and readiness to the Navy fleet.

VISION STATEMENT

- Team SUB will exercise rigor, innovation, and sustainment to maintain readiness and the U.S. Navy's undersea superiority.



PEO Strategic Submarines (SSBN) Portfolio



- Two major program offices supporting the execution of:
 - COLUMBIA Class SSBN construction
 - OHIO Class SSBN/SSGN sustainment, modernization, and life cycle support (including maintenance availabilities)
 - Strategic deterrence shore infrastructure
 - All submarine inactivation and disposal activities
- Submarine Industrial Base (SIB) Directorate
 - Industrial base capability/capacity analyses, communications, and investment strategy
- Workforce development, advanced manufacturing, and technology opportunities
- Dual-Hatted at Deputy Commander for Undersea Warfare (SEA 07), including submarine enterprise safety and logistics

PEO Attack Submarines (SSN) Portfolio



- Seven program/project offices responsible for entire SSN value chain, including:
 - Attack submarine platform acquisition, development, and sustainment
 - Achieving improvements necessary to meet Fleet Commander Attack Submarine (SSN) Operational Availability requirements
- PEO SSN Supports:
 - Design, construction, maintenance, and sustainment for Attack submarines
 - In-service submarine program offices and Submarine Maintenance Engineering, Planning and Procurement (SUBMEPP)
 - Development & certification of Submarine escape & rescue assets and SOF Undersea Mobility assets

PEO Undersea Warfare Systems (UWS) Portfolio



- Seven major program/project offices and two matrixed activities supporting the execution of:
 - Acquisition, innovation, modernization, delivery and sustainment of Undersea/Submarine Combat Systems, Weapons, and Payloads
 - Stewardship for Cyber across TeamSub
 - Integration of undersea sensors and warfare systems into Project Overmatch architecture in support of Distributed Maritime Operations.
- PEO UWS Supports:
 - Big Data, AI/ML, Combat System hardware/software re-architecture and Cyber resiliency efforts
 - Payload, torpedo and countermeasure development, delivery and installation
 - Training & Readiness

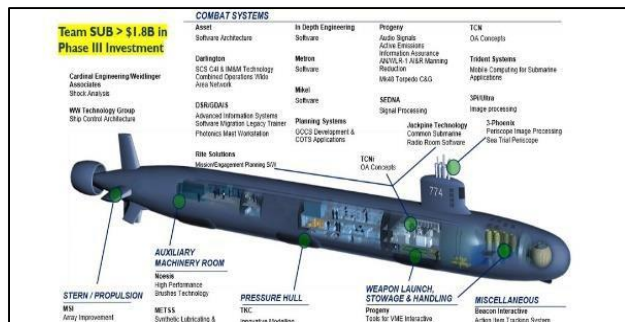


TEAM SUB Small Business Advocates

PEO	CODE	PMO Title	Contact
SSBN	PMS 396	In-Service Strategic Submarines	703- 470-5726
SSBN	PMS 397	Columbia-Class Sub	202-781-5141
SSBN	SIB	Submarine Industrial Base	(678) 358-6679
SSN	07L	Logistics - In-Service PSM	202-781-3788
SSN	07Q	SUBSAFE, FBW & DSS	202-781-3661
SSN	073	Undersea Technology	202-781-2785
SSN	PMS 392	In-Service Submarines: 688, 21, 22, 774	202-781-2556
SSN	PMS 394	Advanced Undersea Systems	703-462-0936
SSN	PMS 390	Undersea Special Mission Systems	202-781-1216
SSN	PMS 450	Virginia Class	202-781-5395
SSN(X)	SSN	New Attack Submarine	202-781-3953
SUBMEPP	SSN	Submarine Maintenance Engineering, Planning and Procurement	207-438-6100
UWS	UWS TR	Training and Readiness	202-781-5184
UWS	PMS 401	Submarine Acoustics Systems	202-781-1662
UWS	PMS 404	Undersea Weapons	202-781-4139
UWS	PMS 415	Undersea Defensive Warfare Systems	202-781-4809
UWS	PMS 425	Submarine Combat and Weapons Control	202-781-0928
UWS	PMS 435	Electromagnetic Systems	202-781-2821
UWS	PMS 485	Maritime Surveillance Systems	619-524-7653
UWS		Undersea Domain Program Integration Office	202-781-4082
	SUB-SB	Submarine Warfare Federated Tactical Systems	202-781-3501

**Contact the TSUB Director for Acquisition & Contracts (SUB DAC)
office if you have trouble contacting individual PMOs.
SUB DAC POC: juan.f.berrocal.civ@us.navy.mil/ 202-944-0772**

Team SUB Small Business Portfolio



USW CTO R&D Pillars

Undersea Decision Superiority

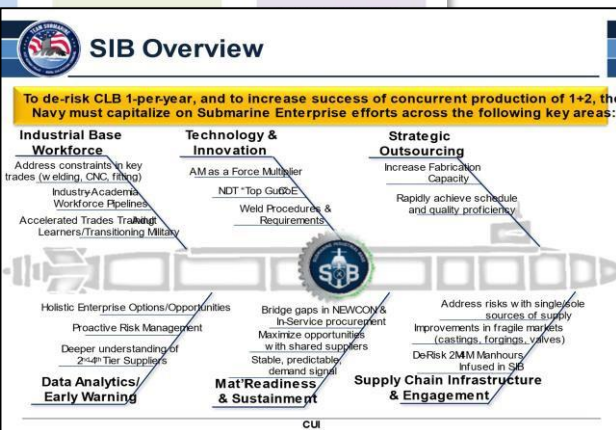
- Enabling undersea advantage through overmatching ability to sense and make sense of signals and data.
- Leveraging autonomy and artificial intelligence to enhance decisionmaking
- Providing ability to prosecute adversaries prior to counter prosecution
- Enabling networked systems across the entire undersea domain

Undersea Lifecycle Cost Optimization

- Minimizing lifecycle cost while maximizing undersea capability
- Finding areas to reduce cost without reducing effectiveness
- Optimizing total ownership cost

Undersea Platform and Payload Preeminence

- Pursuing innovative methods of system design, construction and sustainment for maximum operational availability
- Incorporating advanced capabilities into current and future platforms and payloads



- TEAM SUB focuses on SB investment through 3 key enablers:

- Continued success in transitioning SBIR/STTR Technologies from R&D to production
- Maximum utilization of SB authorities on all applicable procurements (i.e. SB Set Asides)
- Targeted SB subcontracting goals on Large Prime contracts (services and non-services)

- Leveraging SB across the entire TEAM SUB enterprise accelerates innovation and the adoption of critical technologies

- SBIR/STTR continues to hasten transition of innovative technologies to meet emerging Fleet needs
- Undersea Warfare Chief Technology Officer (CTO) R&D Pillars guide SB investment towards critical technology needs
- Submarine Industrial Base (SIB) identifies the Submarine Enterprise efforts required to de-risk future Columbia production and sustainment



Small Business Investment Areas

- **Over \$1.9B in total active Small Business contract value**

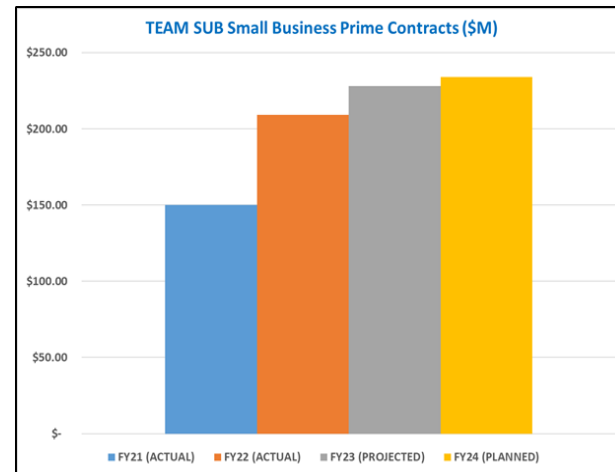
- Over \$2.1B planned across the FYDP

- **Historically, Team SUB has expended over \$300M in Support Services in both FY22 & FY23**

- Planned expenditures over \$344M in FY24
- ~20% is directly awarded to Small Business

- **TEAM SB Subcontracting Investment remains substantial**

- Aggressive SB subcontracting goals are in place across the TEAM SUB portfolio
 - Columbia Bld 2 Advance Procurement: 22.2%/ \$3.4B
 - Virginia Blk V: 23.6%/ \$2.8B
 - EWCSS: 20%-50%/ \$189M



- **Tailoring requirements to leverage Other Transaction Authority (OTA) and Non-FAR Based agreements to solve sustainment and obsolescence challenges**

- Collaboration with Consortia partners: 6 Program Offices with over \$160M (FY23-FY27) in efforts to various vendors to include some small businesses
 - Expecting SB numbers to increase in future years due to planned Consortium based outreach events

- **Conducting quarterly TSUB SB Capability Demo's for small businesses to present technology capabilities and discuss potential partnership with larger primes**

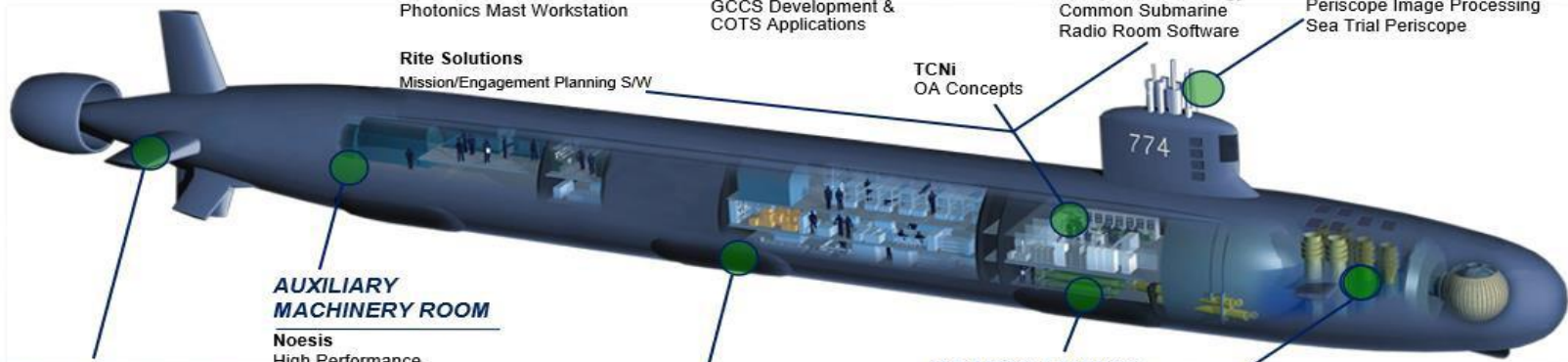
- **Attending industry outreach and forums where small businesses are represented to increase awareness of Long Range Acquisition Estimate (LRAE) requirements and on-going efforts**

Historical SBIR/STTR Investment Areas

Team SUB > \$1.8B in Phase III Investment

Cardinal Engineering/Weidinger Associates
Shock Analysis

WW Technology Group
Ship Control Architecture



STERN / PROPULSION

MSI
Array Improvement

Chesapeake Sciences Corp
Towed Array Improvement
Fiber Tow Cables
Fiber Slip Rings
Heading Sensors
TSMS Telemetry

SBIRSTTR Reasons

1. Risk reduction
2. Technology insertion
3. Obsolete component replacements
4. Establish competition where there is none

AUXILIARY MACHINERY ROOM

Noesis
High Performance Brushes Technology

METSS
Synthetic Lubricating & Hydraulic Oil

TRI
HCDR Coating

PRESSURE HULL

TKC
Innovative Modelling

Compudrive
Electromechanical Actuator and COMT

Seeman Composites
Non-Autoclave Composite Systems & Fairings

AAC
Acoustic Sensors

SEDNA
HF Sim/Stim

COMBAT SYSTEMS

Asset
Software Architecture

Darlington
SCS C4I & IM&M Technology
Combined Operations Wide Area Network

DSR/GDAIS
Advanced Information Systems
Software Migration Legacy Trainer
Photonics Mast Workstation

Rite Solutions
Mission/Engagement Planning S/W

In Depth Engineering
Software

Metron
Software

Mikel
Software

Planning Systems
GCCS Development & COTS Applications

Progeny
Audio Signals
Active Emissions
Information Assurance
AN/WLR-1 AI&R Manning Reduction
Mk48 Torpedo C&G

SEDNA
Signal Processing

TCNi
OA Concepts

Jackpine Technology
Common Submarine Radio Room Software

TCN
OA Concepts

Trident Systems
Mobile Computing for Submarine Applications

3Pi/Ultra
Image processing

3-Phoenix
Periscope Image Processing
Sea Trial Periscope

WEAPON LAUNCH, STOWAGE & HANDLING

Progeny
Tools for VME Interactive Acoustic Analysis Process
Multi Tube Weapon Simulator
Common Weapon Launcher
Mk48 Torpedo

Pacific Engineering (PEI)
Ready Stow Group (RSG) Launch Cradle

TRI
Composite Torpedo Room Temp Berthing and Weapon Handling Cradles

MISCELLANEOUS

Beacon Interactive
Action Item Tracking System

ORBIS
Re-engineering Towed Array Handling Gear

METSS
Synthetic Oil

Texas Research Institute
Connectors and Accelerated Life Testing

Propel
Steam Suits


Rite Solutions
Future Combat Sys Planning on Board Team Trainer

➤ **TEAM SUB continues to leverage SBIR/STTR authorities and focus on successful transitions of PHIII SBIRs: 23 Active PH III, 9 PH II.5, 124 Active PH II, 96 Active PH I Projects**

Upcoming SBIR/STTR Investment Areas



Team SUB FY24.1/A Topic List

		
Topic No.	Title	Program Office
SUB-2024.1-003	Compact Rapid Attack Weapon (CRAW) 100HP Electric Motor	PMS 415
SUB-024.1-004	Composite Launch Tube (LT) for the Compact Rapid Attack Weapon (CRAW)	PMS 415
SUB-2024.1-013	Additively Manufactured Polymer Tooling for Rubber Compression Molding	PMS 401
SUB-2024.1-014	Additive Manufacturing of Textured Piezoelectric Ceramics	PMS 401
SUB-2024.1-005	Paint Application for Enhanced Performance	PMS 397
SUB-2024.A-019	Kilowatt Class Stimulated Beryllium Scattering Reduced Hollow-Core Fiber Cable Assembly	SUB 073

TEAM SUB submitted a total of 6 Topics under FY24.1/A BAA (5 SBIR / 1 STTR)



Upcoming Opportunities

•SB-Set Aside:

- 3 FY24/25 Requirements are planned as SB Set-asides

•Competitive Awards

- 18 FY24 Requirements are planned as Competitive
- 5 of these are follow-on contracts with SB incumbents

•EWCSS Follow-on

- 2 of 4 EWCSS follow-on efforts planned for solicitation in FY24 for FY25 awards
- Both are SB Prime incumbents previously awarded as SB Set-asides
- Approximately 6 separate SB subcontractors across these 2 efforts

FY24-25 SB Set-aside Requirements

N00024-22-0037	Sole Source	2024	3 Multi-Tube Weapon Simulator MOD1b Units MTWS1B P4, PSC: 1260, NAICS: 334511, Funding: FY24 OPN
N00024-23-0403	Sole Source	2024	Mobile Security Toolkit, Funding: FY24 RDTE
N00024-22-0038	Sole Source	2025	3 Multi-Tube Weapon Simulator MOD1b Units MTWS1B P5, PSC: 1260, NAICS: 334511, Funding: FY25 OPN

FY24-25 SB Competitive Requirements

N00024-19-0365	Competitive	2024	Follow-on Large Vertical Array (LVA) Production; TBD; \$678,000,000; planned award date 12/31/2025; LRE Award N/A; Latest Date: 06/30/2026
N00024-20-0757	Competitive	2024	TB29C Production, Integration & Test Competition; NAICS: 334511; PSC: 5845.
N00024-21-0180	Competitive	2024	FY24-FY34; OPN; AN/BLO-10 Electronic Warfare System Technology Insertion (TI) - 26/28/30 Production Systems & Engineering Services. NAICS 334511, PSC 5865
N00024-21-0214	Competitive	2024	FY24-FY33; AN/BVY-1 Integrated Submarine Imaging System (ISIS) Technology Insertion (TI)-26/28/30 & Engineering Services and Production Systems. NAICS: 334511; PSC: 1240
N00024-22-0253	Competitive	2024	FY24-31 Common Infrastructure Services (CIS) Engineering Development Services Appn: FY24 RDT&E, OPN, Royal Australian Navy (RAN) Follow-on to N00024-17-C-6414. PSC: 1260 NAICS: 334511
N00024-22-0254	Competitive	2024	FY24-31 Inter Subsystem Monitoring Tool/On Board Team Trainer (ISMT/OBTT) Engineering Design Services Appn: FY24 RDTE, OPN, Royal Australian Navy (RAN) Follow-on to N00024-18-C-6418 NAICS: 334511 PSC: 1260
N00024-22-0354	Competitive	2024	FY24 - FY29; ADC MK3/4 Countermeasures production; Follow on Contract; NAICS: 334511, PSC:1240
N00024-22-0449	Competitive	2024	Hull Sensor Engineering Services support to include Foreign Military Sales partners. NAICS: 811219; PSC: J020
N00024-23-0372	Competitive	2024	FY24; MAC IDIQ Naval Shipyards Corporate Contracts (Outsourcing Public Yard Work); NAICS 336611; PSC Various
N00024-23-0405	Competitive	2024	FY 24; Acoustic Positioning System (APS) for Submarine Rescue (SRS); Competitive; NAICS XXX; PSC XXX
N00024-23-0372	Competitive	2024	FY24; MAC IDIQ Naval Shipyards Corporate Contracts (Outsourcing Public Yard Work); NAICS 336611; PSC Various
N00024-23-0405	Competitive	2024	FY 24; Acoustic Positioning System (APS) for Submarine Rescue (SRS); Competitive; NAICS XXX; PSC XXX
N00167-22-0045	Competitive	2024	Unclassified Plug Machining F/O , FY24
N00167-23-0004	Competitive	2024	Virginia Class Submarine (VCS) Block F Propulsor FWD Assembly
N00024-21-0431	Competitive	2025	FY25-30; Submarine Rescue Operations and Maintenance Contractor (SROMC); Competitive; NAICS 336611; PSC J099;
N00024-23-0375	Competitive	2025	FY25-30 Dry Deck Shelter Maintenance and Engineering; NAICS 336611; PSC J020
N00024-23-0049	Competitive	2025	FY25-FY29; Submarine Tethered Expendable Buoy (STEB); NAICS: 334511, PSC: 5865
N66604-21-0019	Competitive	2025	PID Name: 15 - TR 317 Series Transducer Restoration, PID #N66604-20-RFPREQ-NPT-15-0012



PEO Ships Overview

25 October 2023



Mr. Tom Rivers

Program Executive Officer, Ships (Acting)

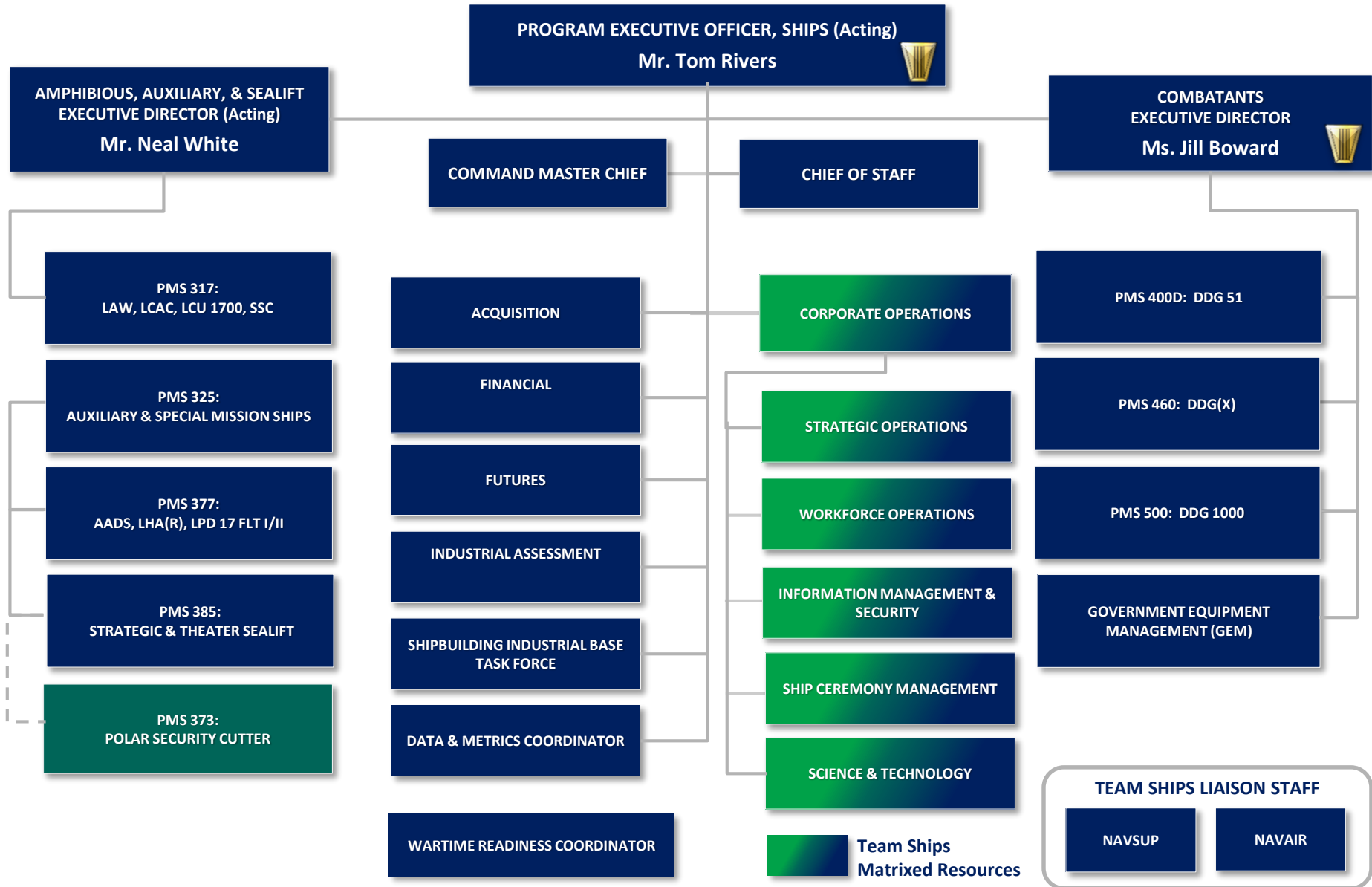
PEO Ships Overview

Portfolio Breakdown

- 10 ACAT I
- 1 ACAT II
- 5 ACAT III
- 2 pre-ACAT
- 3 post-ACAT
- 20 non-ACAT Programs/Projects



PEO Ships Organization



USN Ship Acquisition Timeline

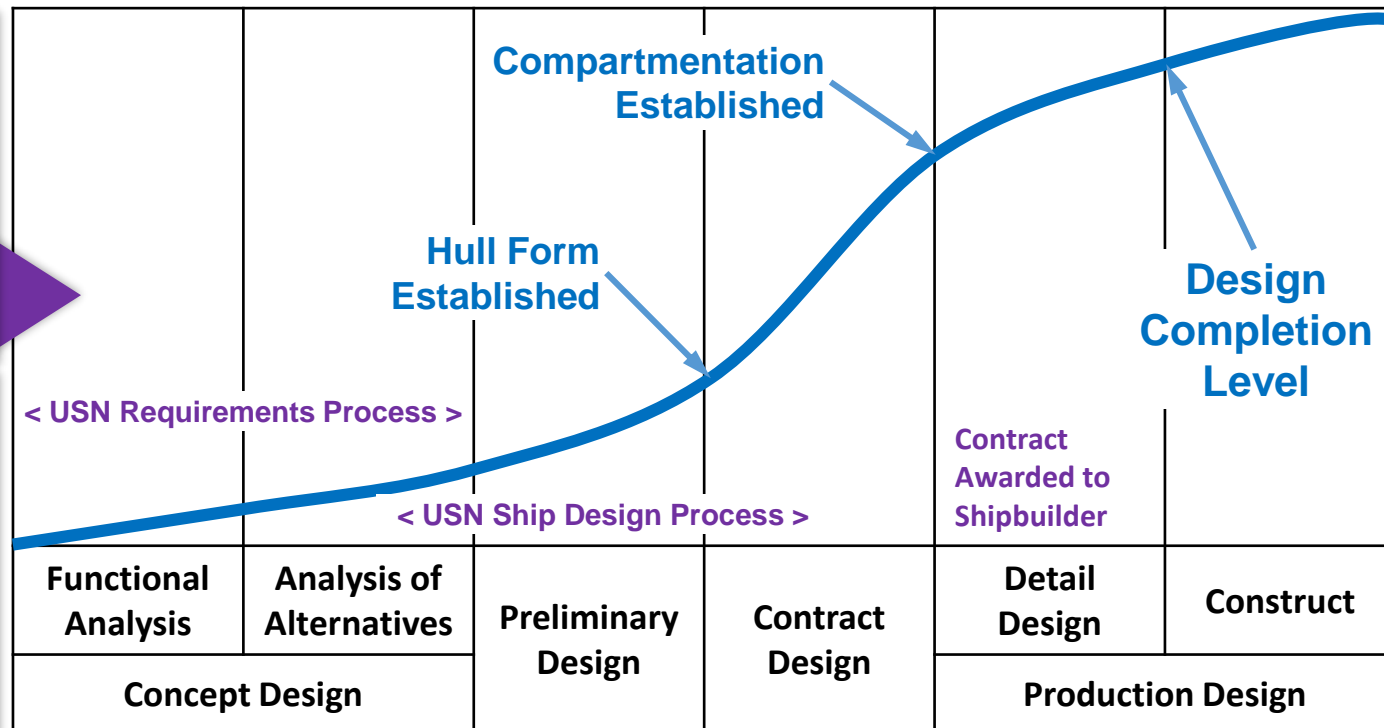
USN ACQUISITION PROGRAM OFFICE

*Program Management | Lifecycle Logistics | Test & Evaluation
Financial Management & Cost Estimating | Contracting
Engineering & Technical Management | Cybersecurity*

Shipbuilder
+ Material | Labor

Areas Opportunity Phases

**USN Ship
Requirements
Generation to Lead
Ship Delivery =
8-14 years**



Amphibious Ship

~3-5 years

~2-3 years

~6-8 years

Auxiliary Ship

~2-years

~6-years



Upcoming SB Opportunities



- **Small Business Innovation Research (SBIR) Program**
 - Address Team Ships' high priority Science & Technology (S&T) needs through stimulation of technological innovation across small business community
 - <https://www.navysbir.com/>
- **Team Ships planned contract awards [Long Range Acquisition Forecast]**
 - Shipbuilding awards
 - Modernization awards
 - Training systems awards
 - Professional Service Support Contracts
- **Surface Navy Association [Jan 9-11 2024, Hyatt Crystal City, VA]:** Annual National Symposium, bringing together US Navy Fleet Forces experience and guidance with industry to provide for a superior US Naval Force of the future
- **Navy Forum for SBIR/STTR Transition Technology Event [Feb 13-15 2024, San Diego, CA]:** The Navy SBIR/STTR Transition Program (Navy STP) program Event at West 2024, the premier Naval conference and exposition on the West Coast. Navy STP focused technology events promote companies participating in the Navy STP, connecting these small businesses with government and industry personnel through Tech Talk presentations and Meet the Experts one-on-one meetings.
- **SBIR/STTR Transition Program (STP) SYSCOM Technical Information Exchange [March 12-13 2024, Arlington, VA]:** The Navy SBIR/STTR Transition Program (Navy STP) showcase is designed to engage the fleet, primes, and acquisition stakeholders by promoting mature technologies that are ready for transition from companies participating in the Navy STP Program. At this event, the Naval Sea Systems Command (NAVSEA) and Naval Air Systems Command (NAVAIR), in collaboration with the Department of Navy's SBIR/STTR Transition Program (Navy STP), are presenting the SYSCOM Technical Information Exchanges.
- **Navy League Sea, Air & Space Expo [April 8-10 2024, National Harbor, MD]:** An invaluable extension of the Navy League's mission of maritime policy education and sea service support providing the most current information and technology relevant to maritime policy
- **Mega Rust [May 21-24 2024, San Diego, CA]:** Provides an impartial forum for dialogue between government and commercial organizations, and providers of coatings and corrosion control products, processes, technologies and solutions
- **TechConnect and SBIR Spring Innovation Conference [Jun 19 – 21 2024]:** For over 20 years the TechConnect World Innovation Conference and Expo has connected top applied research and early-stage innovations from universities, labs, and startups with industry end-users and prospectors. This event also has cohosts a National SBIR/STTR conference.
- **Multi-Agency Craft Conference (MACC) [Summer 2024]:** Open forum for the exchange of operational and technical information on small boats and craft between Government agencies and the maritime community
- **ASNE Fleet Maintenance & Modernization Symposium (FMMS) [Sept 16-19 2024, Virginia Beach, VA]:** Opportunity to interact with senior military and civil service decision makers, ship and craft operators and maintainers, repair and maintenance personnel, designers, builders, planners, engineers, program managers, life cycle engineers, equipment suppliers and other technical experts
- **International WorkBoat Show (IWBS) [Nov 29- Dec 1 2023, New Orleans, LA]:** Largest commercial marine trade show in North America, serving people and businesses from around the world to network, spot new industry trends, and learn about evolving issues affecting the industry
- **Ship Repair Association** is also a source for identifying upcoming SB opportunities



Amphibious Assault & Connectors Program (PMS 317)

25 October 2023

Miriam McGaffin

Principal Acquisition Program Manager, Financial Division



Program Office Overview

The Medium Landing Ship (LSM) Program



LSM will fill the gap in capability between the U.S. Navy's globally deployable, long-duration, multipurpose amphibious ships and smaller complementary landing craft. LSM will support the needs and locations of Marine Littoral Regiments (MLR)

- The Navy aims to procure a class of 18 to 35 ships

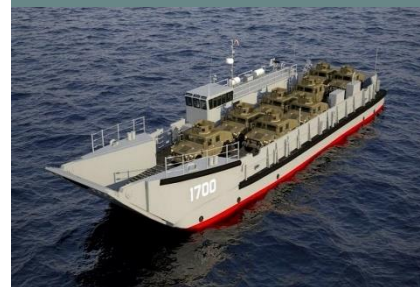
The Landing Craft, Air Cushion (LCAC) Program



The **LCAC** is a high-speed, fully landing amphibious craft, performing assaults and operational maneuvers from ship to shore as well as across the beach. The LCAC Service Life Extension Program (SLEP), is actively improving and upgrading these versatile platforms

- 5 LCAC are currently under contract for the E-SLEP program

The Landing Craft, Utility (LCU) Program



The **LCU** has been critical to enabling the Marine Corps to transport heavy loads of equipment and supplies while also operating independently to support foreign humanitarian assistance, disaster relief operations, and non-combatant evacuations

- The Navy plans to procure a total of 32 LCU 1700 craft

The Ship-to-Shore Connector (SSC) Program

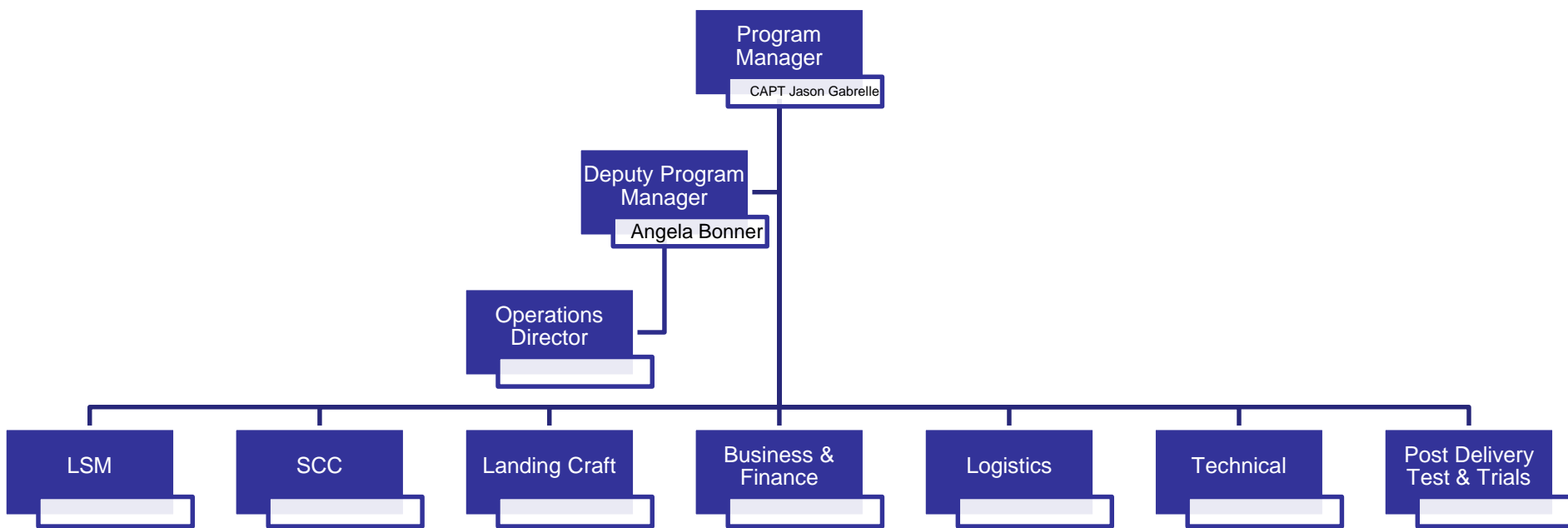


The **SSC** (also known as the LCAC 100 class) will enhance the Navy and Marine Corps' capability to execute a broad spectrum of missions and will replace the Landing Craft, Air Cushion (LCAC)

- The Navy expects to deliver a total of 73 craft (one Test & Training and 72 operational craft) with IOC projected for FY24



PMS 317 Program Office





Upcoming Opportunities



- **Program Management Support:**

- Projected date = October 2026; RFP release expected late FY24/early FY25
- **Unrestricted**
- Scope of work = acquisition & life cycle, engineering & technical, production & information technology management, and ship design support

- **Additional Information:**

- ~170 FTEs across the portfolio
- Expected places of performance: Washington DC, Little Creek, Coronado, Camp Pendleton, Japan, Gulf Coast



Amphibious Warfare Program Office (PMS377)

25 October 2023



CAPT Cedric McNeal

PMS 377 Program Manager

LHA(R)

Flight I: LHA 8, LHA 9



LPD 17

Flight I: LPD 28, LPD 29



Flight II: LPD 30, LPD 31, LPD 32

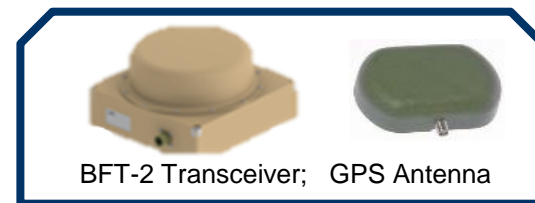


Command / Control

Amphibious Assault
Direction System (AADS)



Blue Force Tracker 2 (BFT 2)



LHA(R) Program

DESCRIPTION / REQUIREMENTS

- Replaces LHA 1 Class Amphibious Assault Ships; Maintains Fleet Expeditionary Warfare capability
- Designed for 21st Century aviation and expeditionary operations across the full spectrum of military actions
- Provides an affordable and sustainable amphibious shipbuilding program

PROGRAM STATUS

LHA 8: Flt 1 (LHA 8 and Follow) modified FLT 0 with well deck added

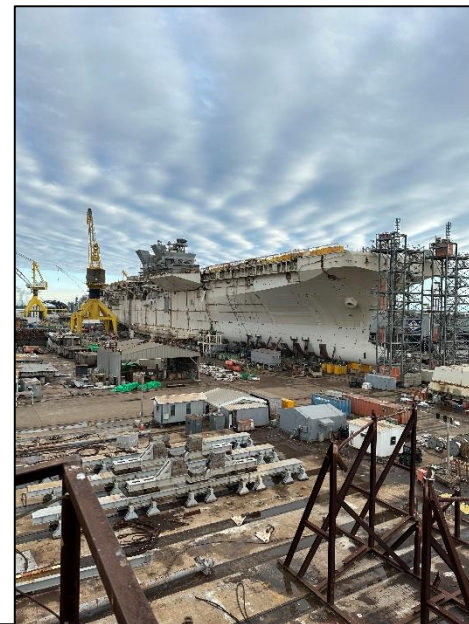
- Contract Delivery July 2025
- Physical Progress: 70% complete (Aug 2023)

LHA 9

- DD&C awarded 27 October 2022
- Keel Laid Sep 2023

LHA 10

- Advanced Procurement funding appropriated in FY23





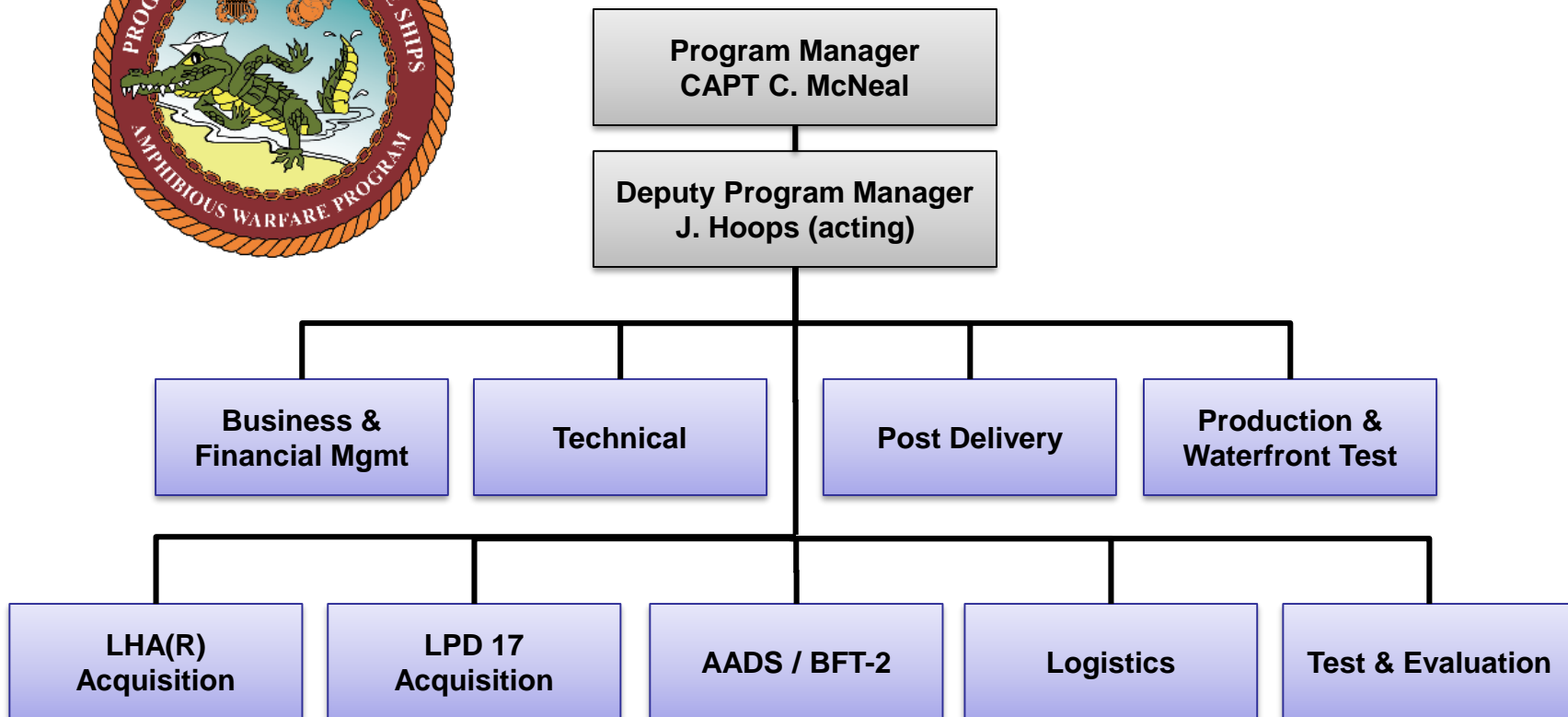
LPD 17 Class Program Status

- **LPD 17 Class Program Profile**
 - Twelve ships delivered and commissioned
 - Four ships under contract (LPDs 29 – 32)
 - 29 fleet deployments completed to date
- **LPD 28 (First ship with stick mast)**
 - Delivered in March 2022, currently in Post Delivery
- **LPD 29 (First ship with EASR)**
 - 95% complete (Aug 2023)
 - Trials planned for fall 2023
 - FY 2024 Delivery
- **LPD 30 (First Flight II ship)**
 - 53% complete (Aug 2023)
 - FY 2026 Delivery
- **LPD 31**
 - 11% complete (Aug 2023)
 - FY 2028 Delivery
- **LPD 32**
 - Mar 2023 DD&C awarded
- **LPD 33**
 - Advanced Procurement funding appropriated in FY23





PMS377 Org Chart





Competitive Contract Opportunities

PMS 377 Projected Announcements



Opportunity	Expected Support Service Requirements	Anticipated Announcement Date (FY/QTR)
Program Management, Administrative and Business Financial Management Support Services	<ul style="list-style-type: none">• <i>SMALL BUSINESS Set Aside</i>• Program/Platform Management and Administrative support• Business Financial Management support• Ship Design Cost Estimating and Analysis support• ~59 FTEs	24/Q1
Engineering Support Services	<ul style="list-style-type: none">• Program Office and Naval Systems Engineering Directorate Engineering and Technical support• Ship Design and related support services• Surge and Special Studies• ~22 FTEs	24/Q2
Professional Support Services	<ul style="list-style-type: none">• Acquisition support services• Engineering and Technical support services• Test and Evaluation support services• Production and Information Technology Management• Post Delivery support services• Integrated Logistics support services• Ship Design and Ship Design Management• Surge and Special Studies• ~150 FTEs	24/Q3



Strategic & Theater Sealift (PMS 385)

October 25, 2023



Mr. Jon D. Thomas
PMS 385 Deputy Program Manager

Product Lines Overview

Expeditionary Sea Base (ESB)



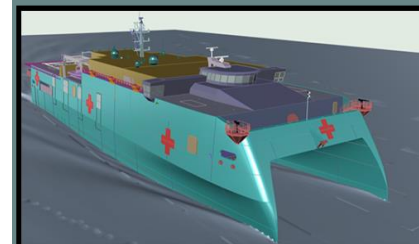
- Supports Air Mine Counter Measured (AMCM), Special Operations Force (SOF) operations, and Crisis Response Force sea basing (USMC Special Purpose Marine Air Ground Task Force (e.g. SPMAGTF-CR)).
- Four spot flight deck for large rotary aircraft.
- 65, 000 square feet mission deck supports small boat and Mine Countermeasures sled recovery.
- Supports Intel, Surveillance, and Reconnaissance missions via Unmanned Aircraft Systems.
- ESB 7 & 8 in construction; planned deliveries are FY 24 and FY 26, respectively.

Expeditionary Fast Transport (EPF)



- Flight I (EPF 1-12): Provides rapid, agile, intra-theater personnel & equipment lift.
- EPF 13 is a Flight II transition ship with Increment 1 mods (e.g., 11m RHIB) plus Autonomous capability.
- Flight II (EPF 14-16): Modified Fast Transport / R2E-capable platform. Deployable as Fast Transport, scalable/modular R2E, or both.
- EPF 14, 15 and 16 in construction.
- Last EPF planned delivery in FY 26.

Expeditionary Medical Ship (EMS)



- 100% Dedicated R2E Shallow-draft Medical platform.
- Optimized for patient capacity and movement, including an internal ramp, proper sterile environments for medical services, full-scale support services for medical procedures.
- QTY 3 (Congressional Adds)
- Planned deliveries: EMS 1 in FY28; EMS 2 in FY 29; and, EMS 3 in FY30.

Product Lines Overview (continued)

Next Generation Submarine Tender (AS(X))



- AS(X) will replace AS-39 and AS-40 and support Intermediate Maintenance Activity on VIRGINIA & COLUMBIA Class Submarines.
- AS(X) will reload torpedoes, Tomahawk missiles.
- Three companies participated in the Concept Refinement and Preliminary Design Phase.
- RFP released on 31 July 2023.
- DD&C award projected in FY24.
- First and second ship planned deliveries in FY31 & FY32, respectively.

Sealift Ready Reserve (RRF) Recapitalization



- Program Objective: Recapitalize 50+ vessels, or 10.6M square feet, by 2042.
- MARAD leads the buy-used Sealift RRF Recap program with support from PMS 385 via an Inter-Agency agreement.
- Limited to buying 9 foreign used ships.
- 10 USC 2218 requires the acquisition of 10 new vessels built in U.S. shipyards. The acquisition of used ships is a bridging strategy.
- 5 of 9 ships bought to date.
 - FY21 funding procured first two ships
 - FY22 funding procured three Jolly-Class ships
 - FY23 funding to procure up to two ships (efforts ongoing).

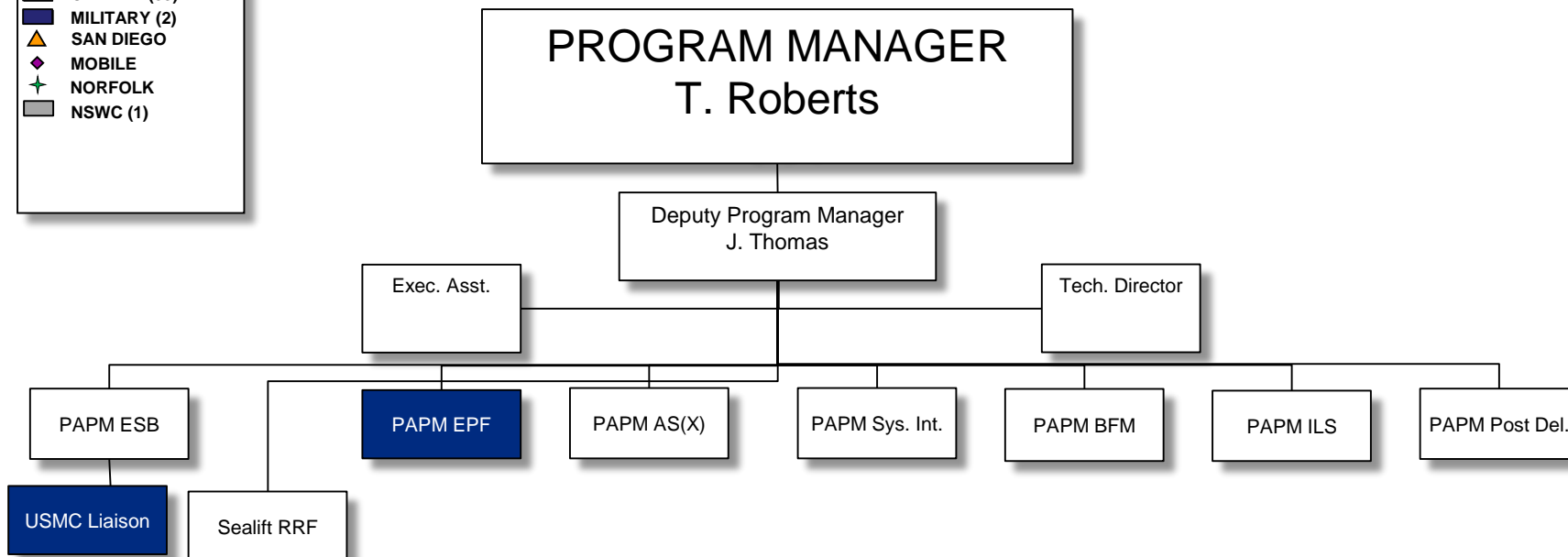


PMS 385 Organization



PMS385 KEY: ONBOARD

- CIVILIAN (33)
- MILITARY (2)
- SAN DIEGO
- MOBILE
- NORFOLK
- NSWC (1)





Upcoming Opportunities



❑ **PMS 385 is responsible for the acquisition, construction and conversion of U.S. Navy strategic and theater ships:**

- ESB
- EPF & EMS
- AS(X)
- Sealift RRF Recap
- Future Programs:
 - MPF (X)
 - T-AH (X)

❑ **Acquisition Strategy**

- Engineering, Technical, and Professional Support Services to
- Small Business Set Aside

❑ **Notional Milestones:**

- RFP Release – January 2024
- Contract Award – October 2024

❑ **Task Areas:**

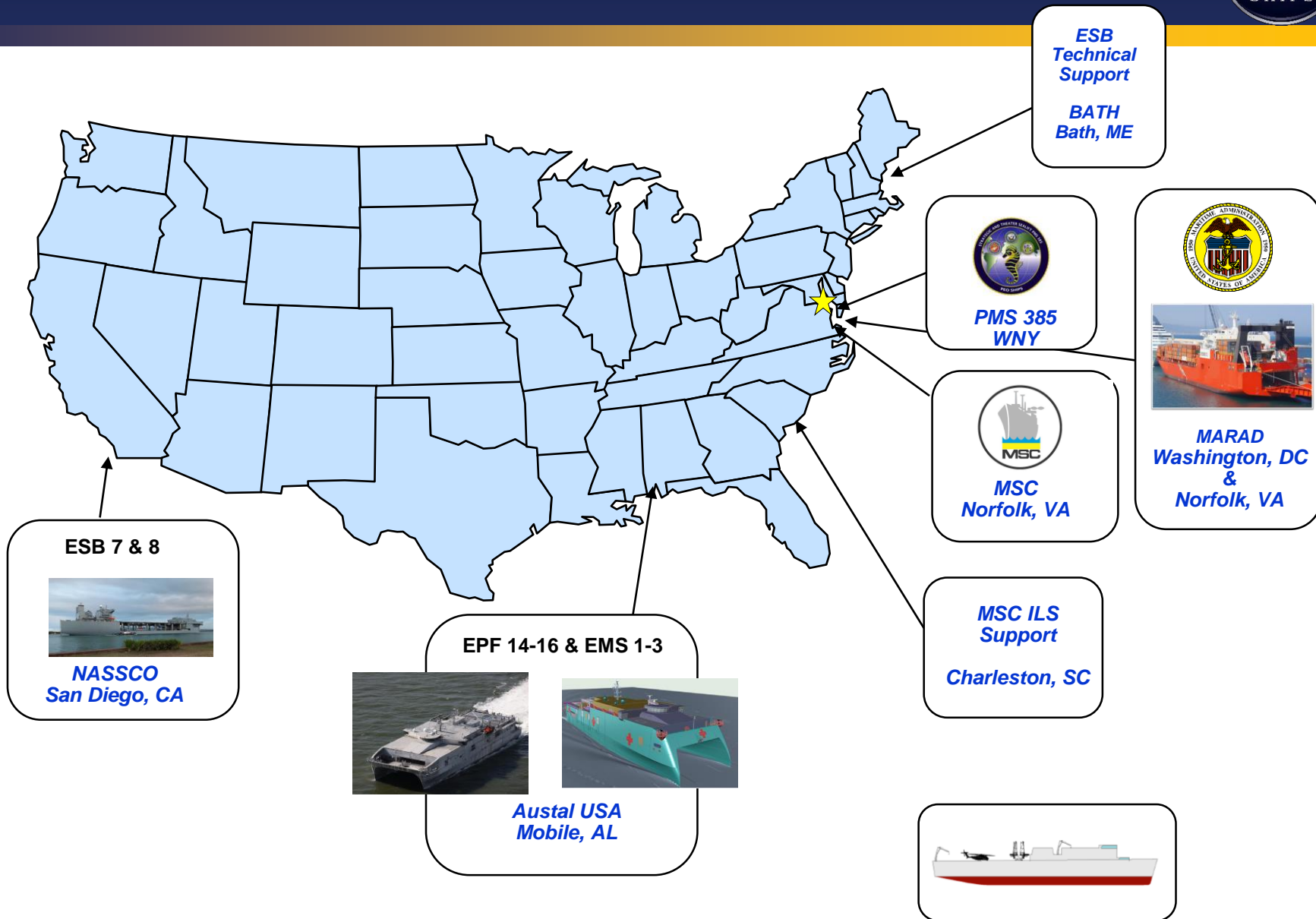
- Task 1: Program and Acquisition Management
- Task 2: Business Financial Management
- Task 3: Research & Development Engineering
- Task 4: Systems Engineering
- Task 5: Production Planning and Engineering
- Task 6: Test & Evaluation
- Task 7: Integrated Logistics Support
- Task 8: Post Delivery Planning and Engineering

❑ **Additional Info:**

- 119 estimated FTEs per year
- Expected places of performance
 - Washington, DC
 - San Diego, CA
 - Mobile, AL
 - Norfolk, VA
 - TBD: AS(X), MPF(X)



Where We Do Business



Note: AS(X) Ship Design & Construction Location (TBD)



How Industry Can Help



- Meet senior and mid-level staffing requirements related to technical proficiency, experience, and skills
- Be agile, manage workforce stability, and have bench strength/depth
- Deliver quality products on time
- Active leadership engagement
- Sustain good communications with all stakeholders

Industry + Navy = ONE TEAM



PMS 460 - DDG(X)

25 October 2023



CAPT Dan Kidd
Deputy Program Manager



DDG(X) Overview



- DDG(X) will be the next enduring large surface combatant (LSC) that follows the highly successful DDG 51 class after nearly four decades in production.
- Preliminary Design through Detail Design for DDG(X) will be accomplished through a collaborative, multidisciplinary Navy-industry effort composed of the surface combatant shipbuilders, suppliers, ship design agents and other subject matter experts.
- Current efforts are focused on DDG(X) Concept Refinement and transition into Preliminary Design.
- The DDG(X) Program Office also includes the management of power and energy efforts.



Upcoming Opportunities



- **DDG(X)/Power & Energy Professional Support Services:**
 - 3QFY24 anticipated RFP Release
 - Provide professional services supporting project management, financial management and acquisition management. Provide engineering products to include white papers, systems engineering trade studies, and analyses.



PMS 500

25 October 2023



CAPT Clint Lawler
Program Manager, DDG 1000

Class Overview

USS ZUMWALT (DDG 1000) – Pascagoula, MS



- Awarded contracts to Huntington Ingalls Industries (HII) for Building Yard Modernization Period (BYMP) and Long Lead Time Material (LLTM)
- Arrived at HII in Pascagoula, MS in August 2023
- Commenced BYMP with planned completion in 2025

USS MICHAEL MONSOOR (DDG 1001) – San Diego, CA



- Commenced activation and test of Combat Systems (weapons, sensors, and communications)
- Completed Post Shakedown Availability PSA in May 2023
- Conducted INSURV Trial In-port events in September 2023
- INSURV Trial Underway events to be conducted at a future date
- Executing TEMP events

PCU LYNDON B. JOHNSON (DDG 1002) – Pascagoula, MS



- The Navy formally accepted completion of production and test activity from Bath Iron Works (BIW) in November 2021
- Departed BIW and arrived at HII for completion of Combat Systems installation and activation in January 2022
- Executing Combat Systems Availability at HII and preparing for CPS install



Upcoming Opportunities



- DDG 1000 Professional and Engineering Support Services:
 - Planned RFP Release date: Q2 FY24
 - Planned as Small Business
 - Scope of Work includes:
 - ☐ Operations Services
 - ☐ Production Engineering Services
 - ☐ Acquisition, Business and Financial Management Services
 - ☐ Fleet Introduction Service
 - ☐ Logistics Services
 - ☐ Total Ship System Integration and Test
 - ☐ Test and Evaluation Services
 - ☐ Live Fire Test & Evaluation and Trial Class Services
 - ☐ Construction Test Class Services
 - ☐ HM&E Shipboard Training, Training Modules & Modeling and Simulation



Small Business Industry Day

October 26, 2023

Michael Thrift

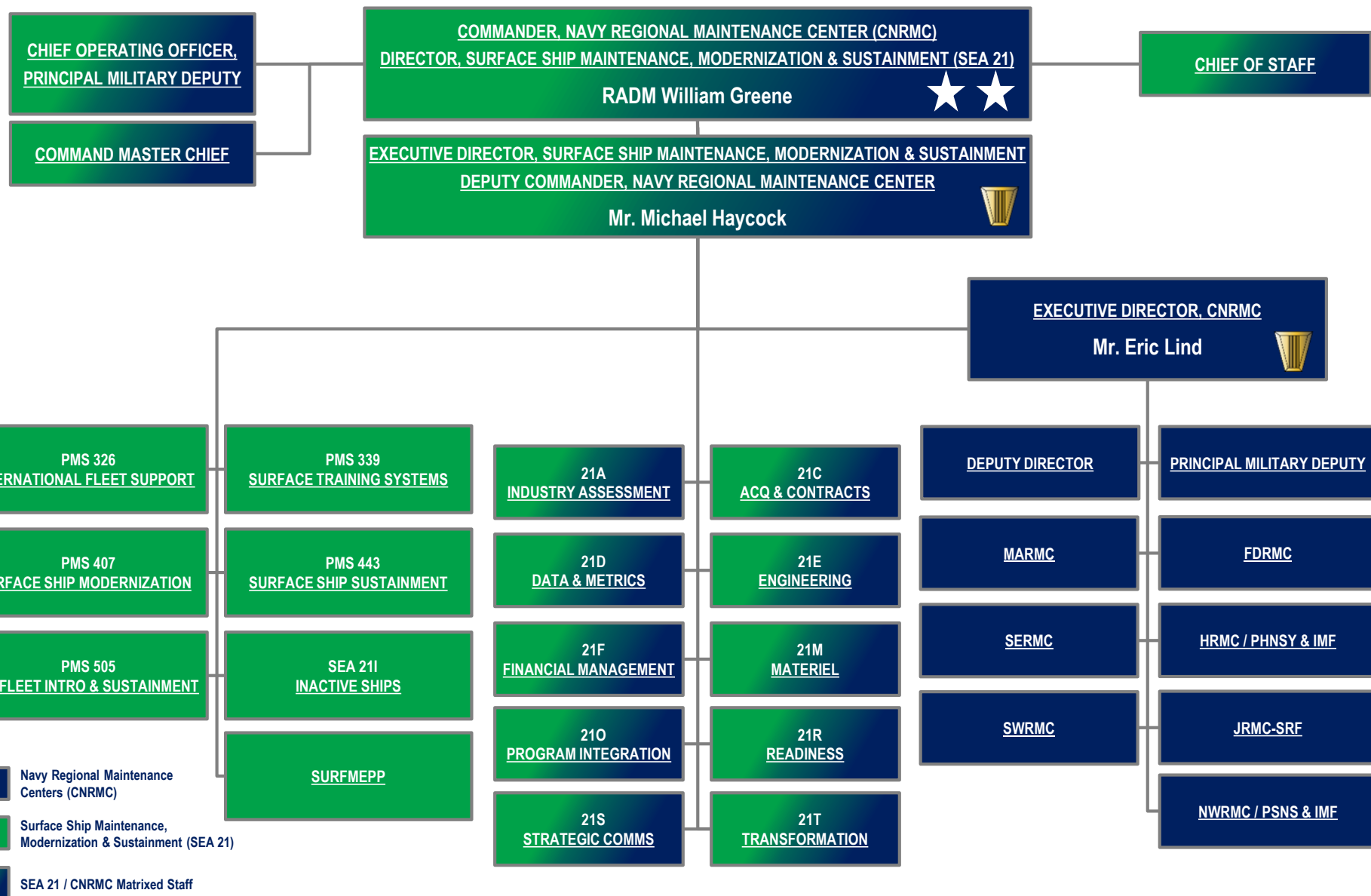
Amphibious, Expeditionary, & Aux Ship PAPM
(Modernization and Sustainment)

PMS 407 / PMS 321



SEA 21 / CNRMC Organization

September 2022





SEA 21 Portfolio

SEA 21 integrates sustainment and maintenance strategies, modernization plans, training needs, and technical, logistics, and programmatic efforts to best manage the lifecycle of U.S. and partner Navy surface ships and systems from fleet introduction through transfer or disposal.



International Fleet Support (PMS 326)

Provides support and follow-on technical assistance to foreign navies and coast guards, including management of the ship transfer process, ensuring effective and efficient execution of surface ship foreign military sales.

Surface Training Systems Program Office (PMS 339)

Leads and integrates planning, policy, acquisition, lifecycle management, research and development and technical insertion of existing and future surface training systems.

Surface Ship Modernization Program Office (PMS 407)

Leads and integrates policy, planning and execution of surface ship modernization through oversight of advanced planning of availabilities, integration of new technologies, and planning yard functions.

Surface Ship Readiness and Sustainment Program Office (PMS 443)

Provides lifecycle management, enabling surface ships to maintain operational readiness and sustain warfighting capability throughout their service life through development of programmatic, logistical, technical and engineering services and products.

LCS Fleet Introduction & Sustainment (PMS 505)

Integrates ship and mission package fleet introduction, logistics, training, modernization and maintenance strategies to deliver and sustain LCS combat capability to the fleet

Inactive Ships Directorate (SEA 211)

Manages the inactivation, storage, and disposal of conventionally powered U.S. Navy ships and craft that have reached the end of their service life.

Surface Ship Maintenance Engineering Planning Program (SURFMEPP)

Provides centralized lifecycle maintenance engineering, class maintenance and modernization planning, and manages maintenance strategies, ensuring all surface ships have an articulated, technically rigorous and engineered maintenance oversight process to achieve expected service life.

CNRMC Portfolio

CNRMC ensures material readiness and warfighting capability of the U.S. Navy Surface Fleet through coordination and execution oversight of depot- and intermediate-level maintenance and modernization.



Contract Management and Oversight (CMO)

RMCs are the Naval Supervisory Authority (NSA) for depot level maintenance accomplished by private shipyards. RMC efforts include advanced planning, work item development, contracting, project management, work oversight and work certification.

Fleet Technical Assistance (FTA)

RMCs provides FTAs upon request when ships are unable to resolve equipment or software deficiencies. FTA provides over the shoulder technical assistance and guidance to ship's force personnel to identify and resolve issues and to provide training in an effort to increase the self-sufficiency of ship's force technicians.

Total Ship Readiness Assessments (TSRA)

RMCs execute the TSRA program as part of the broader material assessment program to manage all mandatory periodic life cycle assessments and inspections, embracing the motto, "Find, Fix, Train."

Intermediate Level Maintenance (I-Level)

I-Level maintenance consists of work package planning, parts procurement, execution and work package closeout. Maintenance Assist Teams assist ship's force in accomplishing PMS and assessing material readiness. Sailors achieve qualifications that range from basic 3M and Quality Assurance Craftsman through more extensive Journeyman qualifications. The Navy Afloat Maintenance Training Strategy program is designed to train Sailors on advanced skills and obtain Navy Enlistment Codes that will enable them to return to the fleet as a subject matter expert.



Small Business Investment Areas

- **Ship Modernization Contracts**
 - Contracts contain small business goals for their subcontractors
 - Some IDIQ contracts are SBSA
- **Ship Training Systems Contracts**
 - Each primary contract has a small business requirement to demonstrate how the prime contractor will utilize small business as part of their team in developing trainers
- **Professional Service Support Contracts**
 - Program Office emphasis on SBSA contracts for professional support services. All Program Offices have at least one small business set aside contract.
- **Small Business Innovation Research (SBIR) Program**
 - Address Team Ships' high priority Science & Technology (S&T) needs through stimulation of technological innovation across small business community
 - SBIR opportunities are identified Team Ships' program offices
- **Small Business Technology Transfer Program (STTR)**
 - Similar to SBIR but requires small businesses to collaborate with a research institution
- **Requests for Information (RFIs)**



Upcoming Opportunities / Outreach Events

- **International WorkBoat Show (IWBS) [Nov 29-Dec 01 2023, New Orleans, LA]:** Largest commercial marine trade show in North America, serving people and businesses from around the world to network, spot new industry trends, and learn about evolving issues affecting the industry
- **Surface Navy Association [Jan 9-11, 2024 Crystal City, VA]:** Annual National Symposium, bringing together US Navy Fleet Forces experience and guidance with industry to provide for a superior US Naval Force of the future
- **Navy League Sea, Air & Space Expo [April 8-10 2024 Nat'l Harbor, MD]:** An invaluable extension of the Navy League's mission of maritime policy education and sea service support providing the most current information and technology relevant to maritime policy
- **ASNE Fleet Maintenance & Modernization Symposium (FMMS) [September 21-23, 2024 Virginia Beach, VA]:** Opportunity to interact with senior military and civil service decision makers, ship and craft operators and maintainers, repair and maintenance personnel, designers, builders, planners, engineers, program managers, life cycle engineers, equipment suppliers and other technical experts
- **Navy Forum for SBIR/STTR Transition Technology Event [Feb 13-15 2024 San Diego, CA]:** The Navy SBIR/STTR Transition Program (Navy STP) program Event at West 2024, the premier Naval conference and exposition on the West Coast. Navy FST focused technology events promote companies participating in the Navy STP, connecting these small businesses with government and industry personnel through Tech Talk presentations and Meet the Experts one-on-one meetings.
- **Navy Innovation Technology Showcase [Mar 12-13, 2024 Arlington, VA]:** The Navy SBIR/STTR Transition Program (Navy STP) program will be held in Washington, DC at VTG. At this event, the Naval Sea Systems Command (NAVSEA) and Naval Air Systems Command (NAVAIR), in collaboration with the Department of Navy's SBIR/STTR Transition Program (Navy STP), are presenting the NAVAIR & NAVSEA Innovative Technologies.
- **Mega Rust [May 21-23 2024 San Diego, CA]:** Provides an impartial forum for dialogue between government and commercial organizations, and providers of coatings and corrosion control products, processes, technologies and solutions
- **Ship Repair Association** is also a source for identifying upcoming SB opportunities



PEO USC Small Business Industry Day October 26, 2023

Mr. Tim Gaffney
PEO USC Acquisition Director

PEO USC Organization





PEO USC SB Advocates/Contacts



PMS 300 DPM
*Clif Mitchell



PEO USC Strategic Direction



1. Deliver FFG in 2026
2. Unmanned systems - LUSV, MUSV, XLUUV, small USVs/UUVs
 - UxV Autonomy Software
 - UxV payloads and integration
 - Persistent ISR for maritime domain awareness
 - Interceptor USVs
3. MIW - Next generation MCM and Offensive mining



Small Business Investment Strategy



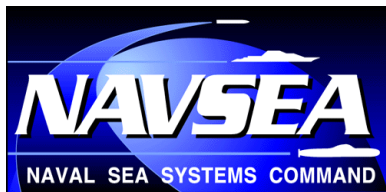
- MAC contract vehicles with disaggregation of functional requirements (USV FoS MAC)
- DIU Commercial Solutions for participation of non-defense industry partners
 - OTA vehicles with less stringent accounting standards
- Outreach Events
 - International Workboat Show
 - Unmanned Systems Industry Day
 - Navy League
 - NavalX Tech Bridges
- SBIR/STTR



Upcoming Opportunities



- Autonomy Software Applications for unmanned systems
- USV/UUV Mission Support and sustainment
- Subcontracting opportunities with MEDUSA solicitation
- Interceptor and ISR USVs in support of C4F and PACFLT
- MAC for 73 additional 40-ft patrol boats
- SBIR



Cyber Engineering & Digital Transformation

NAVSEA 03

Small Business Industry Day

October 26, 2023





Cyber Engineering & Digital Transformation, NAVSEA 03

Mission: Deliver combat power to the fleet through enterprise digital capabilities, infrastructure for cyber-secure digital work and innovation, and enhanced enterprise user's experience

Vision: Rapidly deliver Cyber Security and Digital Transformation afloat and ashore that outpaces our adversaries



Providing the Strategy, Vision, and Governance that aligns NAVSEA Digital Data, Systems, Processes, and is a critical role in the execution of NAVSEA's Campaign Plan 3.0 and its Mission Priorities



Upcoming Opportunities

Small Business proposed planning for FY24 based on market research. Small business contracts to support SEA 03 CIO, CISO and CTO with open competition for Digital Transformation.

- **Command Information Officer (SEA03I)** - Provide IT and Digital Services in support of the NAVSEA Enterprise, Champion for “Connect” Pillar as part of the Digital Strategy
- **Command Information Security Officer (SEA 03C)** - Brings warfighting cyber leadership and capabilities to bear that ensure the protection of our Navy and Nation from adversaries who seek to do harm afloat or ashore. Champion for “Secure & Survive” Pillar as part of the Digital Strategy
- **Cyber Engineering (SEA 03E)** - Cybersecurity Systems Engineering Technical Authority and support for Operational Technologies and Cyber Test and Evaluation across NAVSEA PEOs and Enterprise to secure systems and hardware Support for “Secure & Survive” Pillar as part of the Digital Strategy
- **Command Technology Officer (SEA03T)** - Digital transformation efforts, Pilots and prototypes for emerging technology and digital strategy development

FY23- current; Small business efforts

- SEA 03 Participated in Small Business Industry Day. SEA03 communicated with 30+ Small Businesses
- SEA 03 Technical Director Mr. Stephen Lee provided a brief to the SBA community on the SBID Program Requirements. Afterwards, Mr. Lee & SEA 03 CIO Mr. Michael Sydla initiated a Question/Answer Session to the small business community.
- SEA 03 teamed with Office of Small Business Programs and held monthly Small Business Capability Introductions. Several Branches met with roughly 20+ small business.

Proposed SBIR efforts (Small Business Innovation Research)

Command Technology Officer (SEA03T) - Provide NAVSEA future digital and cyber capabilities to meet mission needs for force generation. Owns the NAVSEA Digital Strategy and overall coordination with Connect / Decide / Secure & Survive Champions

- Digital Transformation and Flank Speed Knowledge Management

Proposed projects seeking innovation or solutions to existing problems

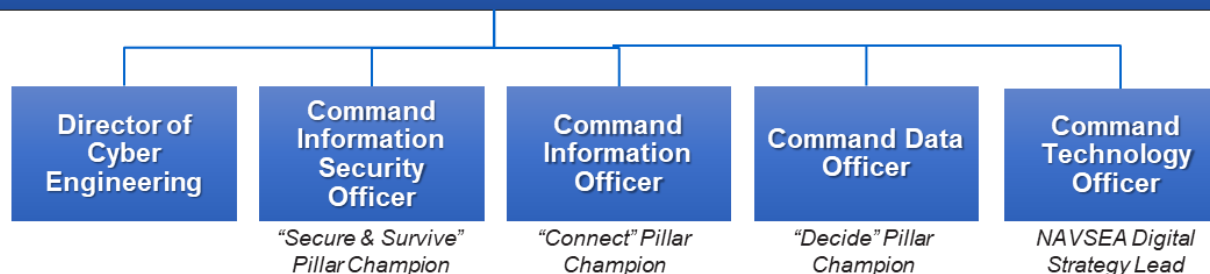
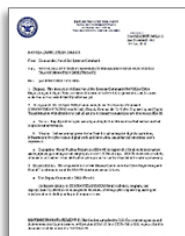
SEA 03I- Software development and Sustainment, Digital Adaptation, Cloud Adoption, Service Desk

SEA 03C- Cybersecurity Workforce, Cybersecurity Implementation, Assess and Authorize, Secure Operating Environment

SEA 03B- Business-Critical Solutions, Smart Scholar Program, Flank Speed and Enterprise training

SEA 03 Portfolio

NAVSEAINST 5400.118, "NAVSEA CYBER ENGINEERING & DIGITAL TRANSFORMATION DIRECTORATE" of 13 NOV 2020



Cyber Engineering	Command Information Security	Command Information	Command Data	Command Technology
<ul style="list-style-type: none"> Technical Authority for Cyber Engineering and Anti-Tamper * Cyber Test and Evaluation Oversight and Tools Developmental cyber operational technology capabilities Cybersecurity Standards <p><small>* executed in conjunction with SEA05</small></p>	<ul style="list-style-type: none"> Cyber Policy and Guidance Cyber Planning & Response Center (CPRC) Risk Management Framework Governance Defensive Cyber Architecture NAVSEA Red Team Enterprise Information Security Functions Command Cyber Readiness Inspections of NAVSEA HQ and all Field Activities 	<ul style="list-style-type: none"> IT/Digital Policy and Clinger-Cohen responsibilities IT Budget Oversight NAVSEA Cloud Management and Command Cloud Adoption Navy Maritime Maintenance Enterprise Solution IT Service Delivery (includes NMCI) Model Based Product Support Navy Maintenance, Repair and Overhaul Products Command Platform Services (SharePoint, ServiceNow, etc.) Network Connections/Naval Messaging 	<ul style="list-style-type: none"> Data management, governance Visibility and accessibility of strategic data assets Centralized data analytics platforms adoption Guidance and standards for data-based decisions Corporate and force generation metrics Artificial Intelligence /Machine Learning 	<ul style="list-style-type: none"> NAVSEA Digital Strategy Situational Awareness Boundary Enforcement & Response (SABER) Enterprise Digital Architecture Future Technologies (Research and Development) Cyber Scientific and Technical Intelligence Liaison Officer (STILO)

Rapidly deliver Cyber Security & Digital Transformation afloat and ashore that outpaces our adversaries



Small Business Investment Areas

Description	FY23 Actual		FY24 Plan	
	Total #	Total \$	Total #	Total \$
Contracts awarded/planned for award to Small Business Concerns	4	\$41.62M	4	\$24.19M
Contracts awarded/plan to be awarded to Large Businesses	2	\$26.27M	2	\$28.26M
Contracts where business size is TBD	0	0	1	\$18.72M
% Small Business Contracts	67%	61%	57%	34%

- SEA03 uses 8(a) awards in all instances where market research indicates that qualified 8(a) contractors are able to perform. Our large contracts include substantial small business goals which have been exceeded, and our SAP purchases are awarded to small business, when possible, as determined by the contracting activity.
- The SEA03 follow-on RMF contract, valued at \$16.26M, was set aside under an 8(a) direct award. Our largest IT/IS contract included goals of 21% small business. Actuals for the last contract year were 31.6%. Four of six “above the line” contracts reported are small business totaling 54% of dollars allocated to large service contracts in FY23.
- Materials, equipment and license purchase below the simplified acquisition procedures (SAP) threshold are sent to Corona 02 for procurement; the SAP program leverages many vehicles; many of which are only for small businesses.



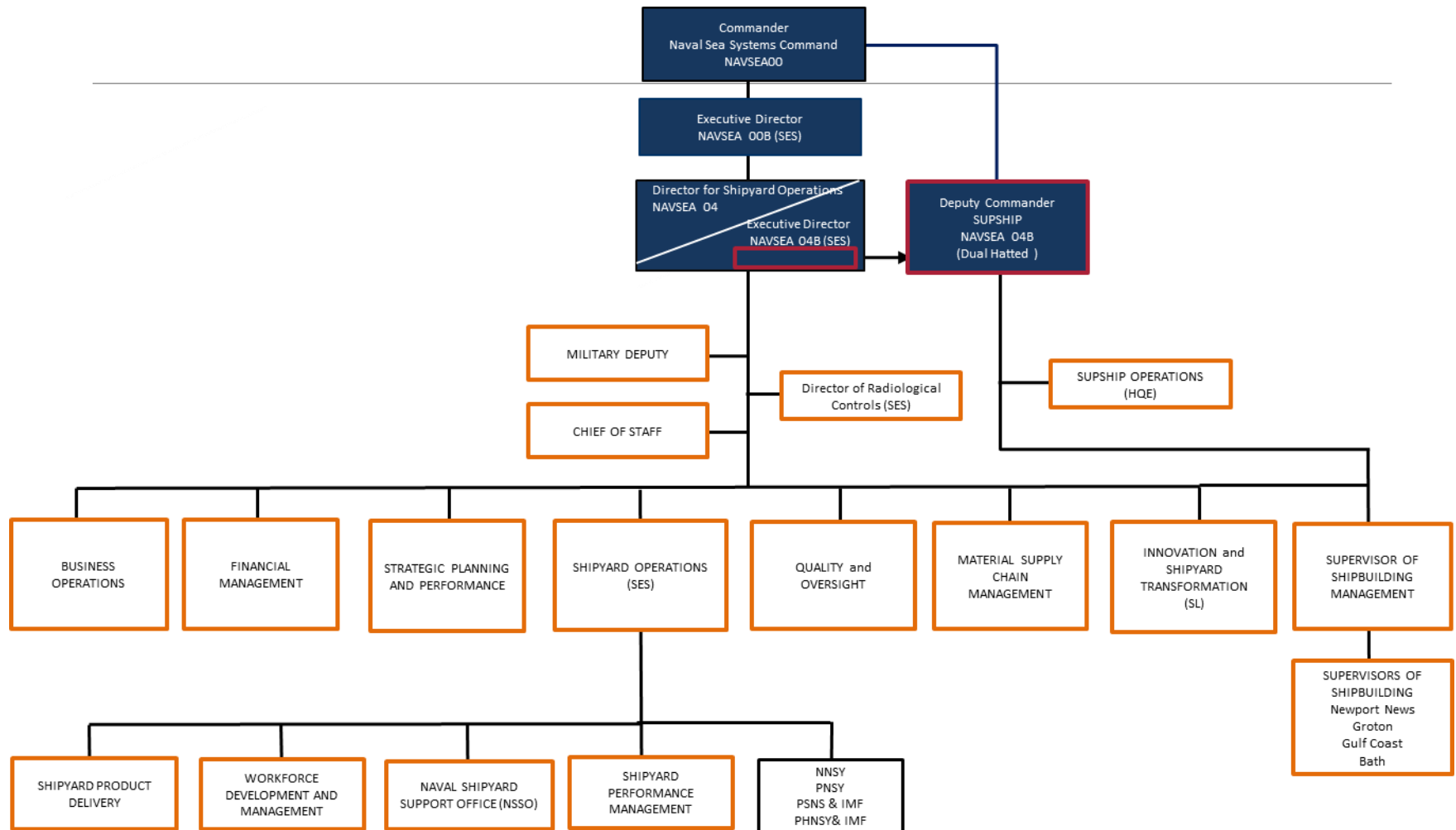
NAVSEA Industrial Operations (SEA 04)

Deputy Commander for Naval Ship Yards &
Deputy Commander for Supervisors of Shipbuilding

Small Business Industry Day
October 26, 2023



SEA 04 Organization



SEA 04 Portfolio





Small Business Investment Areas

Naval Shipyards will continue with strategic outsourcing of work

Continue to establish steady state product lines

Component repair work that is not required to be collocated with the shipyards



Upcoming Opportunities

SEA 04 is currently pursuing a professional support services contract with small business for work within the directorate

**December 2023 Shipyard Industry Day
(co-hosted with PEO SSN)**



SEA 05

Naval Systems Engineering & Logistics Directorate

Small Business Industry Day

26 October 2023



SEA 05 Organization

OUR MISSION

SEA 05 leads development of Engineering & Logistics solutions and delivers technical options for Navy ships & ship systems.

OUR VISION

SEA 05 is a world-class Engineering organization and the Navy's trusted leader to deliver reliable, effective combat-ready capability to the Navy.



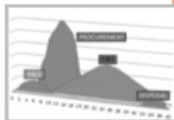
Fleet Support
NCR2T
Failure Review Boards
Technology Solutions
AoAs, Studies, Concepts
Ship & System Design
Acquisition, Modernization
New Construction Support
Risk Assessments
Day-to-Day Systems Engineering
Improving & Updating Standards
Readiness & Logistics Enabling Programs

Technical Authority

SEA 05: What We Do

RED BOX

Technical Domain Managers = Focused on Major Systems / Components



COST ENGINEERING & INDUSTRIAL ANALYSIS

SEA 05C

Navy's technical authority for cost engineering and industrial base analysis for ships, ship-related combat systems, and weapons.

WARFARE SYSTEMS ENGINEERING

SEA 05E (EXPLOSIVE ORDNANCE)

SEA 05M (LITTORAL & MINE)

SEA 05N (UNDERSEA)

SEA 05W (SURFACE)

Navy's technical authority in the field of warfare systems engineering, combat systems, and weapons

LOGISTICS

SEA 05R: NAVSEA authority for Logistics products, processes and services to enable affordable fleet readiness.

SHIP INTEGRITY & PERFORMANCE ENGINEERING

SEA 05P

Navy's technical authority for signatures and susceptibility, vulnerability, shock, damage control and firefighting, ChemBio defense, ship and submarine structural integrity, structural deep submergence systems, corrosion control, metallic and non-metallic materials, welding, fuels and lubricants, environmental protection, weights, stability, hydrodynamics, and arrangements.

MARINE ENGINEERING

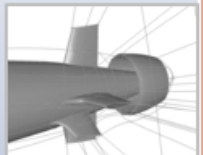
SEA 05Z

Navy's technical authority for machinery systems for submarines, surface ships, and aircraft carriers, including propulsion, electrical, and auxiliary systems.

INDUSTRIAL ENG. TECH POLICY & STANDARDS

SEA 05S

Develops and maintains NAVSEA technical policy and guidance, and provides governance for technical authority.



BLUE BOX

Chief Systems Engineers = Focused on Ship Types / Classes

SURFACE SHIP DESIGN & SYSTEMS ENGINEERING

SEA 05D

Navy's technical authority for naval surface ship design and total ship integration, ship synthesis and ship design tools, naval ship acquisition systems engineering, ship requirements definition, ship concept development, and ship concept validation.

SUBMARINE/SUBMERSIBLE DESIGN & SYSTEMS ENGINEERING

SEA 05U

Navy's technical authority for acquisition and in-service submarine, submersible, and submarine rescue design and systems in partnership with nuclear propulsion authority NAVSEA 08 and the Strategic Systems Program.

AIRCRAFT CARRIER DESIGN AND SYSTEMS ENGINEERING

SEA 05V

Navy's technical authority for aircraft carrier research and development, design, planning, construction, overhaul, in-service engineering, inactivation, testing, and emergent technical issues.

INTEGRATED WARFARE SYSTEMS ENGINEERING

SEA 05H

Navy's technical authority for ship warfare systems and interior communications and related human systems integration and test & evaluation including interoperability.

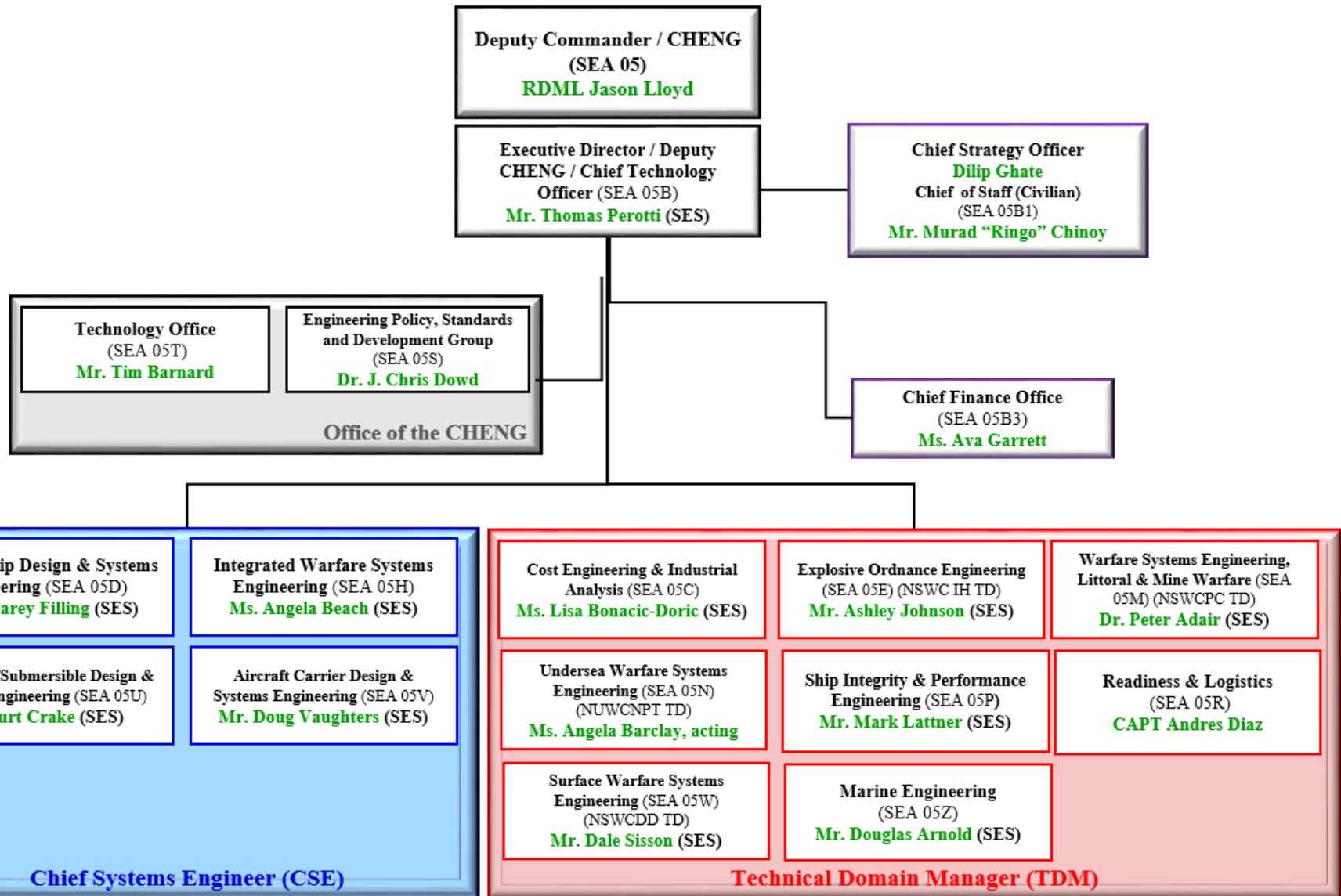
TECHNOLOGY OFFICE

SEA 05T

Serves as the program authority for assigned research & development programs.



SEA 05 Organizational Chart



What is Technical Authority



- The authority, responsibility and accountability to establish, monitor and approve technical standards, tools, and processes in conformance to higher policy
- Warranted individuals are entrusted and empowered to make technically sound engineering recommendations, and must do so with integrity and discipline
- Technical Authority processes and tools enable decisions to be made in a timely and responsive manner, minimizing excessive review and oversight

Ensures Fielded Ships and Systems:

- ☑ **Function effectively when and where they are needed**
- ☑ **Are safe and reliable for the warfighter**

Technical Authority is the **authority, responsibility, and accountability** to establish, monitor, and approve **technical standards, tools, and processes** in conformance to higher authority policy, requirements, architectures and standards.

Technical Authority Functions

- Support Program Managers and the Fleet by providing best value engineering and technical products
- Provide technically feasible options and identify associated risks
- Remain Independent of programmatic authority
- Provide checks and balances to ensure safety, reliability, and interoperability with accurate cost estimates



SEA 05 Portfolio

CONTRACT / TASK ORDER NUMBER	CONTRACT DESCRIPTION (AWARD DATE- END DATE)	PRIME / Type	Period of Performance
N00178-04-D-4045 / N0017419F3007	Professional Support Services	Engineering Service Network SB Set-Aside	09/30/2019 - 09/29/2024
N0017819D8736 / N0017422F3000	Technology Development & Transition Engineering Support Services	Trenchant Analytics, LLC SB Set-Aside	11/30/2021 - 11/29/2026
N0017819D7763 / N0017422F3009	Cost Engineering Support	Herren Associates SB Set-Aside	08/30/2022 - 08/29/2027
N00178-04-D-4066 / N0017422F3001	Cross-Platform Ship Design Support	SERCO Inc.* Large Business	09/02/2015 - 09/01/2024
N00178-04-D-4034 / N0002418F3000	Warfare Systems, C5I Systems Support	VT Group* Large Business	01/17/2018 - 02/16/2023
N00178-19-D-7295 / N6426723F3001	Amphibious and Auxiliary Ship Design, Integration, & Engineering Support	CACI, Inc.* Large Business	02/23/2023 - 02/22/2028
N0017819D8498 / N6426723F3005	Surface Combatant Ship Design, Integration, & Engineering Support	SERCO, Inc.* Large Business	06/15/2023 - 06/14/2028

**Small business opportunities for subcontractors*

Small Business Investment Areas

In SEA 05's Acquisition Plan (MOPAS) for Post Legacy Ship Design Contracts, Three of the seven contracts that satisfy SEA 05's Core Requirements have been set aside for small business, the remaining requirements have Prime contractors that also partner with SB subcontractors to fulfill our mission needs. The 3 Small Business Set-Aside Contracts are outlined below:

Professional Support Services TO (SeaPort via NSWCIH): Awarded 9/26/19 to Engineering Service Network

- ✓ Our Professional Support Service Contract is the next Small Business Set-Aside contract scheduled to be recompeted. Professional support services are required in the areas of program management, Financial Management, administrative, and Information Technology Support.

Cost Engineering SBSA TO (SeaPort via NSWCIH): Awarded 8/30/22 to Herren Associates, Inc.

- ✓ Cost Engineering Support Services for ships, ships systems, warfare systems, weapon systems, and sensors. responsibilities include developing life cycle cost estimates for current and future Navy ships; conducting economic analyses to forecast labor, industrial and technical trends; providing cost and economic analysis in support of industrial base assessments; and measuring project performance and progress.

Technology Dev & Transition SBSA TO (SeaPort via NSWCIH): Awarded 11/30/21 to Trenchant Analytics, LLC

- ✓ This requirement is for support services to the Naval Systems Engineering & Logistics Directorate (SEA 05) for ships, ships systems, weapon systems, and sensors in the Technology Development and Transition (TD&T) area. Tasks executed under this contract may include hull, mechanical and electrical (HM&E) systems, warfare systems, energetics, and mission performance.

Upcoming Opportunities

- ✓ Cross-Platform Support Contract to SEA 05:
 - ✓ Cross-Platform requirement effort to provide critical engineering, administrative, and technical authority support to Naval Sea Systems Command (NAVSEA) industrial activities designing, building, maintaining, repairing, modernizing, certifying and disposing of Navy ships. Technical authority is the responsibility and accountability to establish, monitor and approve technical standards, tools and processes. This will be a recompetes to the SEA 05 Legacy Ship Design Contract. N00178-04-D-4066 / N0017422F3001
- ✓ Professional Support Services to SEA 05
 - Our Professional Support Service Contract is the next Small Business Set-Aside contract scheduled to be recompetes. Professional support services are required in the areas of:
 - Portfolio Management Office (PMO) Support including program/project management oversight support.
 - Chief Financial Officer (CFO) Support including Budget Financial Management (BFM) support, & budgeting support.
 - Information Technology Support including Activity Command Information Officer (ACIO) support.
 - Administrative Support including SEA 05 Office of the Chief Engineer/Executive Director administrative support, Congressional Affairs and Public Affairs management support, security management support, workforce talent management and demand forecast support, records management support, technical writing support, and other SEA 05 administrative support.
- ✓ NAVSEAs SBIR/STTR programs participate in the Department of Navy's (DoN) SBIR/STTR Transition Program (STP). The STP works with SBIR/STTR companies in order to provide them with training and marketing expertise geared towards the government acquisition environment and policies. This exposes small businesses to many different transition opportunities within the Navy.