



WELCOME TO THE 2024 NAVAL SURFACE WARFARE CENTER PHILADELPHIA DIVISION (NSWCPCD) INDUSTRY DAY



Admin Items

- Questions will be answered at the conclusion of each presentation, as time permits
 - Identify yourself, name of your company, and to who/which code the question is directed
 - All Q&A will be posted to the NSWCPD website following the event
- For Virtual Attendees: Questions may be submitted during the presentation via the "Chat"
 - Questions will be answered at the conclusion of each presentation, as time permits
- Q&A Session and closing remarks at the conclusion of Industry Day today
- Breakout Sessions begin at 1300, first come first serve
- Feedback regarding the event, or any other contracting matter, can be provided to POCs in the Industry Day Announcement, any POCs herein, or any member of the Code 02 contracting group
- Attendees are only able to listen to the presentations and submit questions (there is no option to speak during the event for attendees)
- **Please respond to the poll questions using the link below or scan the QR code →**
 - <https://forms.osi.apps.mil/r/C6xzAytqn8>

Industry Day Exit Survey



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Agenda

0900 – 1000	Registration
1000 – 1020	NSWCPD's Command Welcome Mr. Nigel Thijs, Technical Director, NSWCPD
1020 – 1040	NSWCPD Acquisition
1040 – 1100	NIST SP 800-171 DoD Assessment (DFARs 252.202-7019)
1100 – 1110	Corporate Operations Department
1110 – 1120	Machinery Program & Platforms
1120 – 1130	Machinery Research, Logistics and Ship Integrity
1130 – 1140	BREAK
1140 – 1150	Propulsion, Power and Auxiliary Machinery Systems
1150 – 1200	Cybersecure Machinery Control Systems and Networks
1200 – 1210	Small Business

1210 – 1220	Other Transaction Authority
1220 – 1230	Liberty Tech Bridge
1230 - 1300	Q&A and Closing Remarks
1300 - 1400	Breakout Sessions/Networking Contracts Department 02/Small Business 00K Corporate Operations, Department 10 Machinery Program & Platforms, Department 20 Machinery Research, Logistics and Ship Integrity, Department 30 Propulsion, Power & Auxiliary Machinery Systems, Department 40 Cybersecure Machinery Control Systems & Networks, Department 50 Other Transaction Authority/Liberty Tech Bridge Liberty Tech Bridge Quality Assurance, Dept. 00Q

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NSWCPD's Command Welcome

Mr. Nigel Thijs, Technical Director, NSWCPD



NAVSEA Warfare Centers

NSWCPD Command Overview



Presented to:

Industry Day 2024

Presented by:

**Nigel C. Thijs
SES**

Naval Surface Warfare Center,
Philadelphia Division

30JAN2024

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NAVSEA Warfare Centers



NAVSEA Warfare Centers

***One Team, delivering innovative, reliable,
cyber secure solutions for the Warfighter***

Command Mission

Provide research, development, test and evaluation, acquisition support, engineering, systems integration, in-service engineering and fleet support with cybersecurity, comprehensive logistics, and life-cycle savings through commonality for surface and undersea vehicle machinery, ship systems, equipment and material.

Vision

Shape the Navy's future by continuously expanding the Warfighter's advantage

Guiding Principles

HONOR

INTEGRITY

COMMITMENT

SERVICE

COMMUNICATION

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NAVSEA Warfare Centers



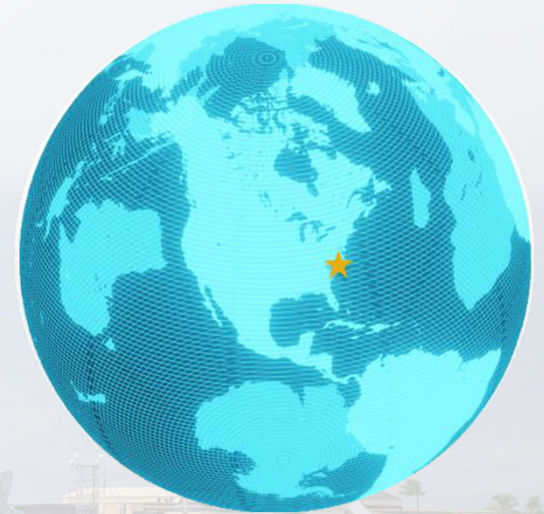
NAVSEA Warfare Centers

Fleet Support

Engineering Support Trips Completed **11,006**

Engineers, Scientists &
Technical Specialists **2,099**

Total Civilian Workforce **2,812**



**PROVIDING
WORLDWIDE SUPPORT
AT HOME & ABROAD**

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NAVSEA Warfare Centers



NAVSEA Warfare Centers

Full Spectrum Engineering



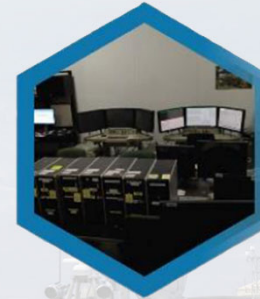
**Science
&
Technology**



**Research
&
Development**



**Test
&
Evaluation**



Engineering



**Fleet
Support**

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NAVSEA Warfare Centers



NAVSEA Warfare Centers

Work Aligned to NSWCPD Mission Technical Capabilities

FY23 Customer Demand Signal:

- \$600.7M CR/\$854.7M DC
- \$13.8M NISE
- FY23 ES 2830 FTEs

Common Themes (TCHA Portfolio: 12 TCs/134 KAs)

- Knowledge stewardship for wartime readiness
- Sustaining effective contractor support of industrial base
- Continued optimization of make/buy strategy (45% gov't/55% contractor)

Science &
Technology (S&T)

Research &
Development (R&D)

Test &
Evaluation (T&E)

Product
Delivery

Fleet
Support

PD04 SURFACE & UNDERSEA VEHICLE MACHINERY SYSTEMS
INTEGRATION

PD09 SURFACE & UNDERSEA VEHICLE MECHANICAL POWER &
PROPULSION SYSTEMS

PD10 SURFACE & UNDERSEA VEHICLE ELECTRICAL POWER
& PROPULSION SYSTEMS

PD11 SURFACE & UNDERSEA VEHICLE AUXILIARY
MACHINERY SYSTEMS

PD12 SURFACE & UNDERSEA VEHICLE HULL AND DECK
MACHINERY AND SHIPBOARD HABITABILITY SYSTEMS

PD13 SURFACE & UNDERSEA VEHICLE
MACHINERY AUTOMATION, CONTROLS,
SENSORS & NETWORK SYSTEMS

PD19 ADVANCED LOGISTICS CONCEPTS & HM&E LIFE CYCLE
LOGISTICS SUPPORT

PD21 SHIP RECOVERY & DAMAGE CONTROL

PD24 HM&E FOR UNDERSEA VEHICLE SAIL SYSTEMS &
DEPLOYED SYSTEMS

PD27 SHIPBOARD WASTE & HAZARDOUS MATERIALS
MANAGEMENT SYSTEMS

PD28 SURFACE SHIP & UNDERSEA VEHICLE MACHINERY
SYSTEMS INTEGRITY

PD30 SUBSAFE SUPERVISING AUTHORITY AND
LEVEL-1 MATERIAL CERTIFICATION

*Provide foundation for effective governance of a disciplined work
assignment process and supporting technical authority
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NAVSEA Warfare Centers

NSWCPD Organization



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NAVSEA Warfare Centers

Major Programs

Surface Ship Test & Programs Division Code 21

- FFG 62 LBES design and construction
- DDG(X) LBES test requirement identification
- DDG(X) LBTS design support testing
- Propulsion Derived Weapons Power (PDWP)
- Power and Energy Dynamic Assessment
- HM&E Cybersecurity Safety (CYBERSAFE) Program, RMF and vulnerability analysis & testing
- DDG 51 MOD hot plant integration
- DDG 51 FLT III electric plant and machinery control testing
- DDG 51 MOD hot plant integration
- DDG 51 FLT III electric plant and machinery control testing
- PCU DDG-51 LBES Training DDG 125AF
- ICAS/eRM/CMAS Conditioned Based Monitoring
- Machinery systems cyber hardening

Platforms Division Code 22

- CG, DDG, LSD, LHD, LPD17 Modernization Programs
- Cross Platform Sustainment & ERM Program
- HM&E PARM Program
- Surface Ship In-service Platform Management (DDG, CG, LSD, LHD/A, LPD 17, MCM)
- Emergent Surface Fleet Program
- DDG 51 (FLT IIA & FLT III) New Acquisition Program
- Fast Frigate New Acquisition Program
- DDG(X) New Acquisition Program
- DDG 1000 New Acquisition & In-service
- LCS New Acquisition & In-service
- Unmanned Programs
- Amphibious Warfare New Acquisition
- Amphibious Assault and Connectors Platforms New Acquisition
- Auxiliary & Sealift Platforms
- Foreign Military Sales
- US Coast Guard Platforms
- HTS Degaussing

Carriers Division Code 23

- CVN Modernization
- CVN Sustainment Engineering and Logistics
- Advanced Weapons Elevator
- Refueling and Complex Overhaul

Submarines Division Code 24

- Submarine Safety (SUBSAFE) Supervising Authority for Private Companies
- SUBSAFE/Lv1 Certifying Activity Designator (CAD)
- Columbia Class Program
- VIRGINIA Class Program
- In Service Submarine Program
- SSBN/SSGN Program
- Electromagnetic Systems Programs
- NAVSEA08 Programs
- NIWAR Programs
- Propulsion Plant Engineering Activity (PPEA)

Fleet Modernization Division Code 25

- Modernization Planning & Execution
- Modernization Local Process Compliance & Competency
- Waterfront Shipboard Industrial Work Oversight
- MACHALT Program
- ECDIS-N Program
- Dept. 20 Material Liaison

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NAVSEA Warfare Centers



NSWCPD Technology Areas

- Life Support Systems
- Steam Generation/Steam System Controls
- Auxiliary Equipment and Fluid Systems
- Diesel Engines Systems
- Power Transmission Systems
- Gas Turbine Systems
- Electric Power Systems
- Logistics Data
- Condition Assessment Systems & Video Systems
- Sensors Systems & Wireless Sensor Systems
- Machinery Controls
- Submarine Sail Systems HM&E
- Submarine Antennas
- HM&E Networks
- Integrated Bridge Systems
- Aircraft, Vehicle, Ship & Material Handling
- Cargo/Weapons Handling & Stowage Systems
- Launch Recovery and Hydraulic Systems
- Hull Outfitting & Habitability
- Climate Control & Compressed Air Systems
- Machinery R&D Interface
- Auxiliary Machinery Controls
- Platforms/Programs Interface
- Fasteners, Material Selection, NDE, Welding
- Fuels & Lubricants, Non-nuclear Water Chemistry
- Coatings & Corrosion Control
- Structures & Composites
- Liquid & Solid Waste
- Shock
- Chem/Bio/Nuclear Damage Control Systems

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NAVSEA Warfare Centers

NSWCPD Labs & Test Sites

- Auxiliary & Life Support Systems Complex
- Propulsion & Electrical Machinery Systems Complex
- Environmental & Damage Control Systems & Materials Technology Complex
- Machinery Network, Sensors & Data Systems Complex
- Cargo, Weapons Handling & Hull Systems Complex
- Undersea Vehicle Sail & Deployed Systems Complex



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NAVSEA Warfare Centers



NAVSEA Warfare Centers

Strategic Partnerships



Pennsylvania Talent Pipeline Project: Philadelphia Region Workforce Pilot



Other Transaction Agreement (OTA) for new Maritime Sustainment Technology and Innovation Consortium



Liberty Tech Bridge

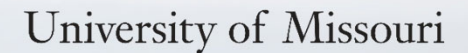
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NAVSEA Warfare Centers



NAVSEA Warfare Centers

Partnering Colleges and Universities



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Questions

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FY24 Industry Day

Presented to:

Industry

Presented by:

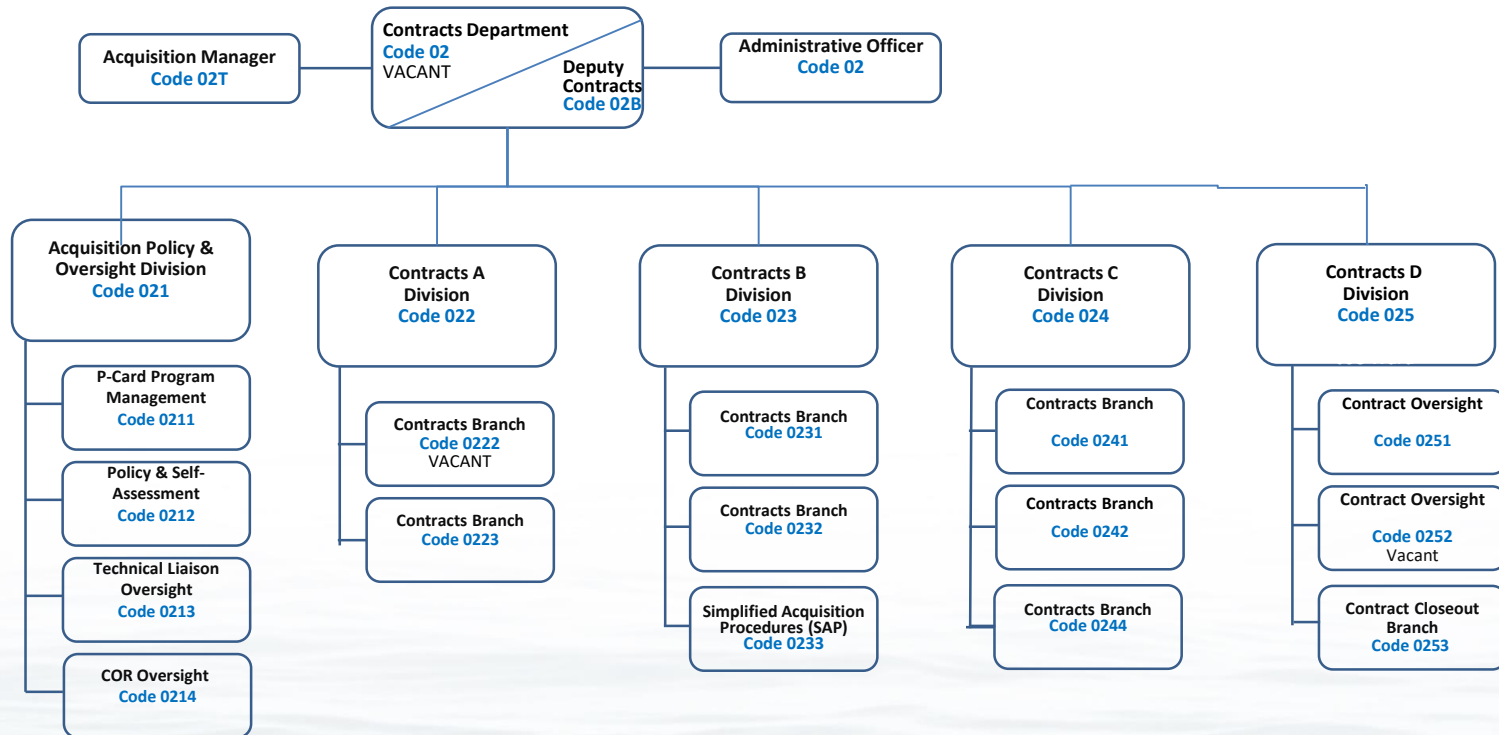
Acq & Policy Oversight Division Head, Code 021

- 30 January 2024 -

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Code 02 Contracts Department

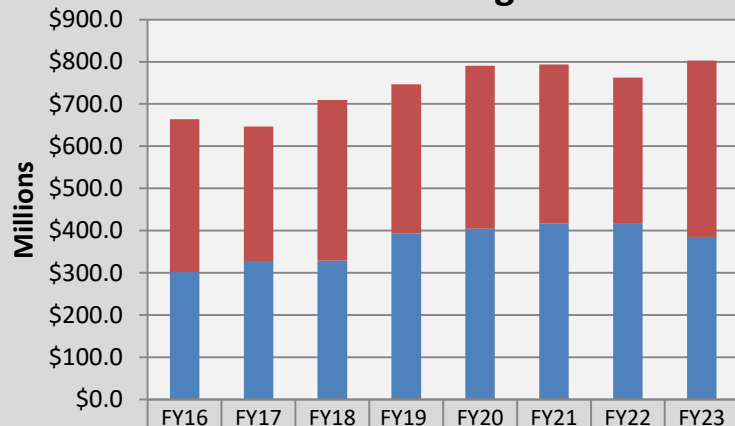


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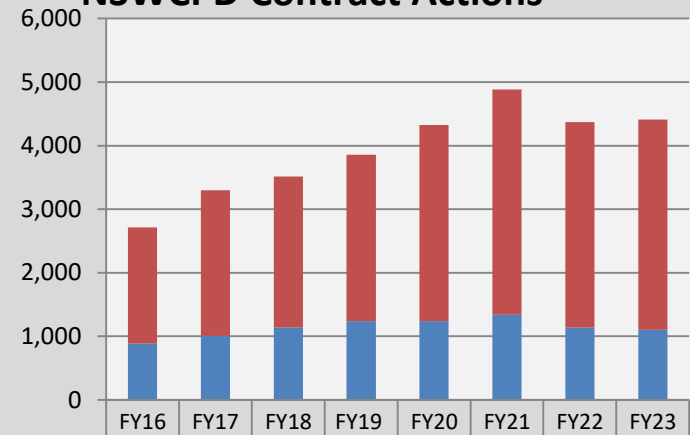
Contract Obligation Overview

NSWCPD Contract Obligations



Modifications	\$362.0	\$320.9	\$380.1	\$352.8	\$385.7	\$376.7	\$346.6	\$417.9
New Awards	\$301.8	\$325.7	\$329.4	\$393.8	\$405.0	\$417.1	\$415.9	\$384.9
Total	\$663.8	\$646.6	\$709.5	\$746.6	\$790.7	\$793.8	\$762.5	\$802.8

NSWCPD Contract Actions



Modifications	1,829	2,288	2,380	2,621	3,090	3,547	3,232	3,312
New Awards	885	1,007	1,136	1,237	1,236	1,338	1,138	1,100
Total	2,714	3,295	3,516	3,858	4,326	4,885	4,370	4,412

FY 23 NSWCPD COMMAND TOTAL:

\$1.45 Billion

CONTRACTS:

\$802.8 (55.18% of Total Obligation Authority)

FY24 OBLIGATION PROJECTION

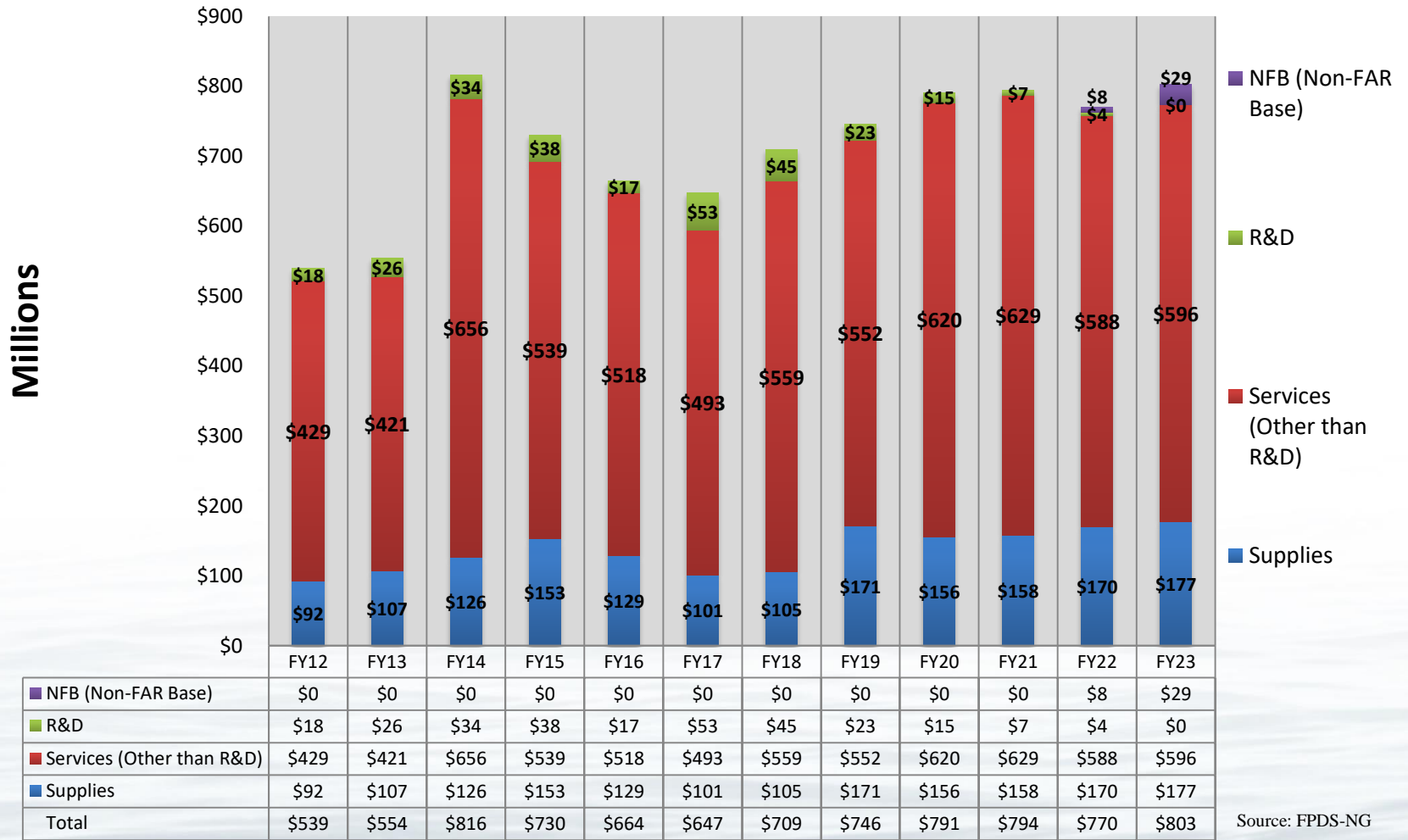
Contracts & OTs: \$882M

ACTIVE CONTRACTS (approx.)

2,647(65% services)



NSWCPD SITE R&D, OTHER ENGINEERING SERVICES, SUPPLIES

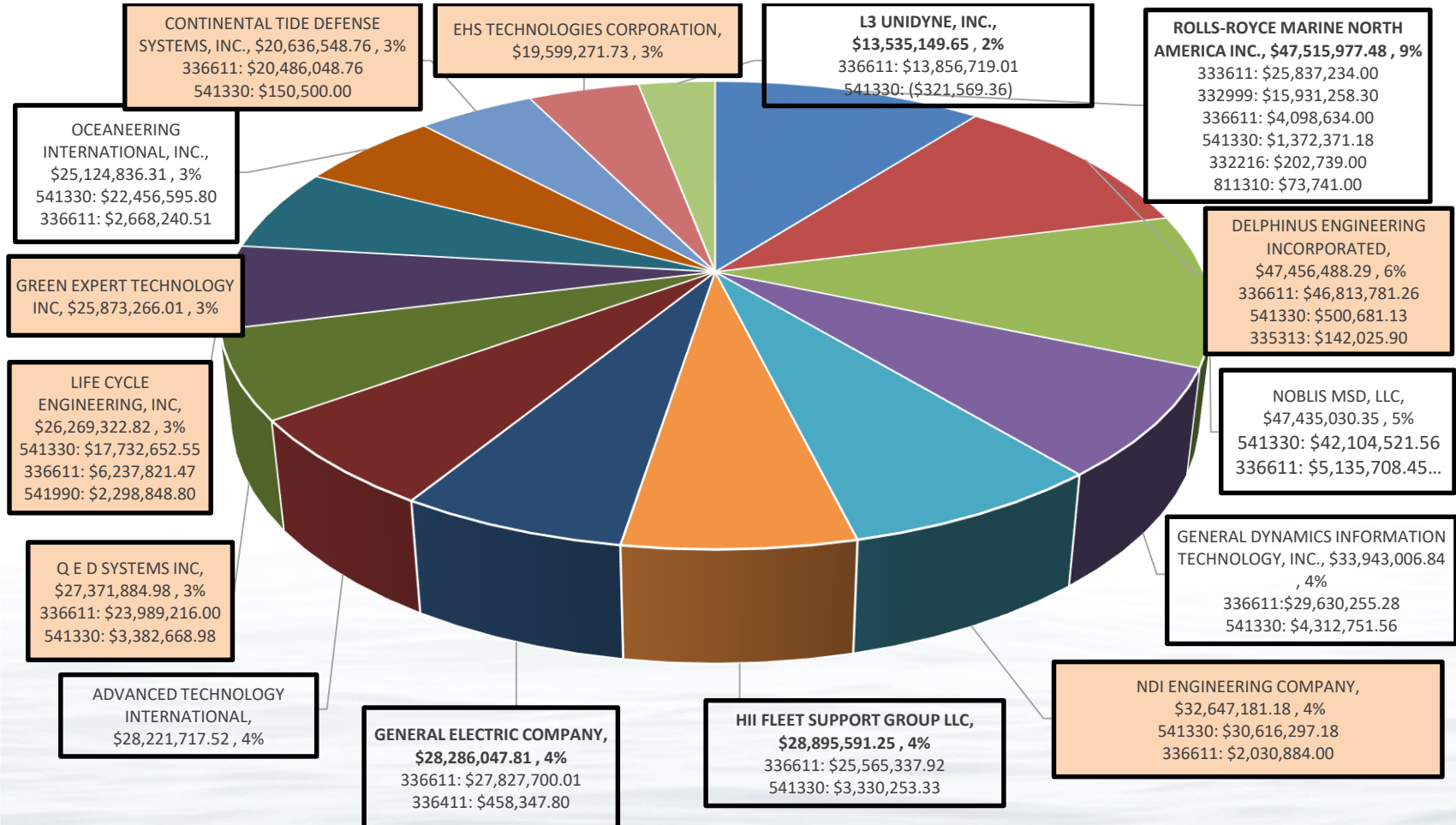


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Top 15 Contractors - NSWCPD

Total NSWCPD FY23 Obligations - \$803M



* Small Businesses (NAICS)

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Source: FPDS-NG



Looking for Opportunities?

- **NAVSEA/NSWCPD Long Range Acquisition Forecast (LRAF)**
 - Updated semi-annually: <https://www.navsea.navy.mil/Business-Partnerships/LRAF/>
- **SAM.gov and Seaport**
 - Request for Information
 - Contracts reviews in conjunction with the small business office all responses to these announcements to help determine if a procurement can be potentially set-aside
 - Advance Notices
 - Synopsis (required for over \$25K)
 - Solicitations
 - Large procurements: FAR 5.203- Open minimum of 30 days
 - Orders under MAC IDIQs: Best practice of 30 days unless exception
 - Award notices
 - SeaPort award announcements not required – DFARS 205.303
 - Industry Days for complex procurements when time permits
- **Maritime Sustainment Technology Innovation Consortium (MSTIC) Other Transactions**
- **Liberty Tech Bridge**
- **Deputy for Small Business**



Contract Policy Highlights

- **Government Furnished Property:**

- All live training sessions and training slide decks that cover the management of GFP in PIEE are hosted at <https://dodprocurementtoolbox.com/>
- The guide for registering for a vendor account in PIEE can be found at <https://pieetraining.eb.mil/wbt/xhtml/wbt/portal/overview/vendorRegister.xhtml>
 - There is additional training hosted at <https://dodprocurementtoolbox.com/>
- The following roles in the GFP module are utilized in the management of GFP in PIEE:
 - Contractor Property Manager
 - Contractor Item Manager
 - Contractor Property Shipper
 - Contractor Property Receiver
 - GFP Attachment View Only



Contract Policy Highlights

- **DFARS Case 2020-D008 (Requiring Data Other Than Certified Cost or Pricing Data):**

DFARS 215.403-3

Prohibit contracting officers from determining that the price of a contract or subcontract is fair and reasonable based solely on historical prices paid by the Government and to state that an offeror is ineligible for award if the contracting officer is unable to determine proposed prices are fair and reasonable by any other means, when an offeror fails to make a good faith effort to comply with a reasonable request to submit data other than certified cost or pricing data.

- **DFARS Case 2019-D019 (Use of Supplier Performance Risk System (SPRS) Assessments)**

DFARS 204.7601

Required use of SPRS risk assessments is required for the evaluation of quotations or offers in response to solicitations for supplies and services. SPRS retrieves item, price, quality, delivery, and contractor information from contracts in Government reporting systems in order to develop risk assessments of contractors.



Contract Policy Highlights

- **Government Furnished Property Continued...**

- Contractor inventory reports should also be submitted to usn.philadelphia.nswcdivphlpa.mbx.nswcpd-gfp-mgt@us.navy.mil per the CDRL.
 - Contractor inventory reports should contain all data required per DFARS 252.245–7005 "Management and Reporting of Government Property" and FAR 52.245-1 "Government Property".
- DFARS Final Rule: Consolidation of DoD Government Property Clauses (DFARS Case 2020-D0029)
 - Effective 22 January 2024, the final rule creates a new consolidated clause at DFARS 252.245–7005, "Management and Reporting of Government Property", and removes and reserves the following DFARS clauses:
 - 252.211–7007, Reporting of Government-Furnished Property.
 - 252.245–7001, Tagging, Labeling, and Marking of Government-furnished Property.
 - 252.245–7002, Reporting Loss of Government Property.
 - 252.245–7004, Reporting, Reutilization, and Disposal
 - Final Rule can be accessed via the following link: [Federal Register - GFP Clauses](#)



Multiple Award Contracts Focus Areas

- **Aug 2020, FAR updated to allow for Cost/Price to be Evaluated at Order Level vs as evaluation factor at MAC base award**
- **Small Business Set Aside Requirements at Order Level (FAR 19.504)**
- **MAC Order Forecasts- Coordinating with customers to provide future projections**
- **Rolling Admissions- Competition**
- **Industry Engagement to Improve Communications:**
Round Table Discussions for Multiple Award Contract (MAC) holders as seen fit, on certain MACs. Goal is to facilitate communication between industry and government specific to those contracts and MAC processes.
 - **Habitability MAC: Quarterly for all contract holders at once**
 - **Big Blue MAC: Individually as preferred by MAC holders**
 - **41/43 MAC: Planned for January 2023**



Contract Closeout Reminders

- Overdue and outstanding final voucher submissions are a common issue noted within the NSWCPD Contract Closeout Process.
- When final voucher submissions are delinquent, contractors inherit the risk of funds cancelling, and no longer being available for final payment.
- Per FAR 52.216-7 (d) (5) and 42.705 (b), contractors are required to submit final vouchers within 120 days after settlement of the final indirect cost rates for all years of a physically complete contract.
- If the 120-day requirement cannot be met, contractors must notify the contracting officer of the extenuating circumstance to consider. These could include:
 - Awaiting closeout and final payment of subcontracts, Government claims, Delays in the disposition of Government property, Delays in contract reconciliation etc.
- If the Contractor fails to submit a final invoice within the 120-day timeframe as specified by the FAR, the Contracting Officer may-
 - Determine the amounts due to the Contractor under the contract and record the determination in a unilateral modification to the contract.



SPRS- NIST Assessment

Presented to:

Industry

Presented by:

Chief of Cybersecurity

- 30 January 2024 -

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DFARS Clauses

Applicability: in all solicitations and contracts including commercial requirements (exception is COTS)

Purpose: The theft of intellectual property and sensitive information from all U.S. industrial sectors due to malicious cyber activity threatens economic security and national security. These clauses assess contractor implementation of cybersecurity requirements to enhance the protection of unclassified information (CUI).

252.204-7019 Notice of NIST SP 800-171 DoD Assessment Requirements

- Required to implement the NIST SP 800-171 standards & have current (not older than 3 years) NIST SP 800-171 DoD Assessment on record in order to be considered for award
- Must verify that summary level scores of a current NIST SP 800-171 DoD Assessment are posted in SPRS for all covered contractor info systems relevant to the offer.

252.204-7020 NIST SP 800-171 DoD Assessment Requirements

- Requires a contractor to provide the Government with access to its facilities, systems, and personnel when it is necessary for DoD to conduct or renew a higher-level Assessment
- Requires the contractor to ensure subs also complies and submits in SPRS.



DFARS Clauses

252.204-7012, Safeguarding Covered Defense Information and Cyber Incident Reporting

- Requires contractors and subcontractors to provide 'adequate security' to safeguard covered defense information, hereto referred to, for the purposes of this methodology, as Department of Defense (DoD) controlled unclassified information (CUI), when residing on or transiting through a contractor's/subcontractor's internal information system or network, and to report cyber incidents that affect that system or network to DoD
- Contractor shall implement, at a minimum, the security requirements in National Institute of Standards and Technology (NIST) Special Publication (SP) 800-171, Protecting Controlled Unclassified Information (CUI) in Nonfederal Systems and Organizations

252.204-7008, Compliance with Safeguarding Covered Defense Information Controls,

- requires, among other things, offerors to represent they will implement the security requirements in NIST SP 800-171 in effect at the time the solicitation is issued or as authorized by the contracting officer

DFARS Case 2022-D017: Status – draft rule being discussed 1/10/2024

- Implements a DoD certification process (CMMC) that measures a company's maturity and institutionalization of cybersecurity practices and processes. Partially implements section 1648 of the FY20 NDAA.



NIST 800-171 Controls

Each of the NIST 800-171 controls is intended to reduce the risk of CUI data being compromised or stolen:

Access Control – 22 controls

Awareness and Training – 3 controls

Audit and Accountability – 9 controls

Configuration Management – 9 controls

Identification and Authentication – 11 controls

Incident Response – 3 controls

Maintenance – 6 controls

Media Protection – 9 controls

Personnel Security – 2 controls

Physical Security – 6 controls

Risk Assessment – 3 controls

Security Assessment – 4 controls

System and Communications Protections – 16 controls

System and Information Integrity – 7 controls

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NIST SP 800-171 Evaluation

- DoD is required to use NIST SP 800-171 and NIST SP 800-171 DoD Assessment Methodology, Version 1.2 documents a standard methodology that enables a strategic assessment of a contractor's implementation of NIST SP 800-171 (scoring)
- NIST SP 800-171 DoD Assessment consists of three levels of assessments
 - Basic (Contractor Self Assessment) = Low Confidence
 - Medium (Conducted by DoD Personnel) = Medium Confidence
 - High (On-Site or Virtual) = "High" Confidence
- Under Basic, a KTR self assesses and assigns a score to each control
 - Max score = 110, and points deducted for each non-compliant control
 - Can be a negative number.
- The SPRS summary level score, when submitted to SPRS provides the DoD with "a strategic assessment of a contractor's implementation of NIST SP 800-171, a requirement for compliance with DFARS clause 252.204-7012.

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Department 10 Corporate Operations

Industry Day Brief 2024

Presented by:

Department 10 Lead Acquisition Manager

30 January 2024

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Mission Statement:

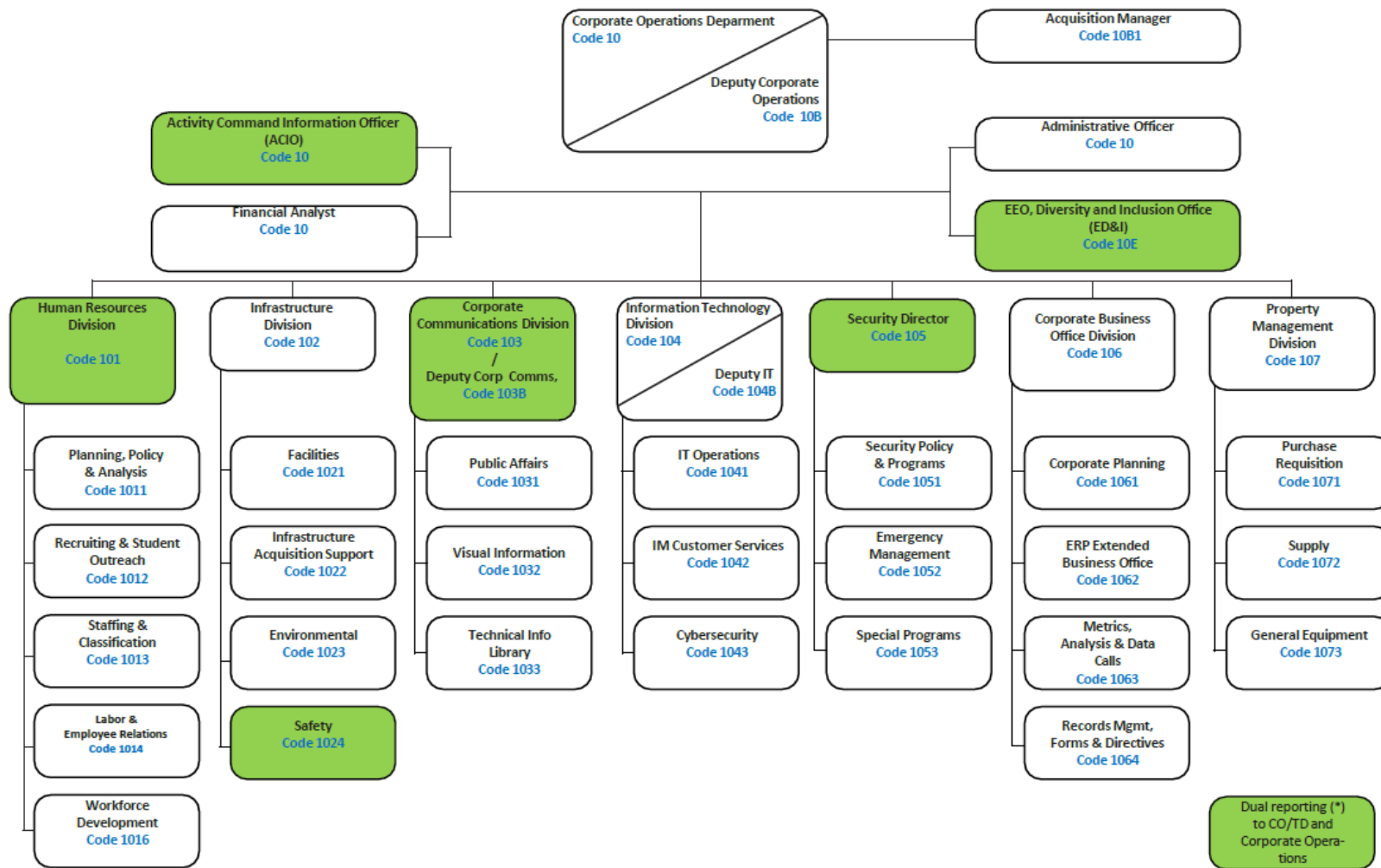
Enable NSWCPD to operate effectively and cost efficiently as the Navy's center for Hull, Mechanical & Electrical (HM&E) Machinery Systems by providing the foundational tactical and strategic business operations, including Information Technology/Cybersecurity; Facilities Infrastructure; Security; Human Resources; Corporate Business; Property Management, and Public/Congressional Affairs.

Vision Statement:

Business operations excellence through the use of rigorous, systematic and commonality approaches that exceeds customer expectations for quality, timely, and affordable solutions.



Department 10 - Corporate Operations



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Department 10 Staff - Code 10B

Current Service Contracts

Brief Description	Dollar Value	Concludes (QTR / FY)	Contract Cost Type	Contract Vehicle	Incumbent
Administrative Support Services	\$2.9M	3rd QTR FY27	FFP	Commerical SAP	Booth Management Consulting

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Human Resources Division – Code 101

Current Service Contracts

Brief Description	Dollar Value	Concludes (QTR / FY)	Contract Cost Type	Contract Vehicle	Incumbent
Human Resource Specialist Contractor Support Services	\$6.3M	1st QTR FY27	FFP	Commercial SAP	AVANTGARDE LLC
Human Resources Technician Contractor Support Services	\$2.3M	4th QTR FY25	FFP	Commercial SAP	Caduceus

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Infrastructure Division – Code 102

Current Service Contracts

Brief Description	Dollar Value	Concludes (QTR / FY)	Contract Cost Type	Contract Vehicle	Incumbent
Office Moving and Furniture Installation Services	\$2M	4th QTR FY27	FPP	Commercial SAP	Account-Tech Solutions
Infrastructure Support Services (facility management and support – in-field assessments, technician, admin, CAD, IT, safety, and environmental services)	\$10M	1st QTR FY25	CPFF	SeaPort TO	EHS Technologies Corp
Lighting Maintenance Contract	\$2M	1st QTR FY26	FFP	Commercial SAP	Green Build Federal Contracting Protocol
Elevator Maintenance Contract	\$1M	1st QTR FY27	FFP	Commercial SAP	Triad Lifts
HVAC Maintenance Contract	\$10M	4th QTR FY28	FFP	Large	JP Logistics

Future Service Contracts

Brief Description	Est. Dollar Value	Anticipated Announcement Date (QTR / FY)	Contract Cost Type	Contract Vehicle	Announcement Site	Incumbent
Architectural/Engineering Design Services	\$4M	2nd QTR FY24	FFP	Commercial SAP	SAM.GOV	N/A
Cooling Water System Maintenance Contract	\$2M	2nd QTR FY24	FFP	Commercial SAP	SAM.GOV	N/A
Electrical Preventative Maintenance Contract	\$1M	4th QTR FY24	FFP	Commercial SAP	SAM.GOV	N/A

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Public Affairs Division – Code 103

Current Service Contracts

Brief Description	Dollar Value	Concludes (QTR / FY)	Contract Cost Type	Contract Vehicle	Incumbent
Communications Specialist/Graphic Designer/Multimedia Specialist Services	\$3M	3rd QTR FY25	FFP	Commercial SAP	Vox Optima, LLC

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Information Technology Division – Code 104

Current Service Contracts

Brief Description	Dollar Value	Concludes (QTR / FY)	Contract Cost Type	Contract Vehicle	Incumbent
NMCI/RDT&E Support Services	\$44M	4th QTR FY24	CPFF	SEAPORT TO	EHS Technologies
Cybersecurity/IA Support Services	\$58M	2nd QTR FY25	CPFF	SEAPORT TO	Herren Assoc.

Future Service Contracts

Brief Description	Est. Dollar Value	Anticipated Announcement Date (QTR / FY)	Contract Cost Type	Contract Vehicle	Announcement Site	Incumbent
NMCI/RDT&E Support Services	\$99M	1st Qtr FY24	CPFF	SEAPORT TO	SEAPORT	EHS Technologies
Software Developer Support Services	\$30M	2nd QTR FY24	CPFF	SEAPORT TO	SEAPORT	N/A
Validator Support Services	\$10M	3rd QTR FY24	CPFF	SEAPORT TO	SEAPORT	N/A
ISSE Support Services	\$20M	3rd QTR FY24	CPFF	SEAPORT TO	SEAPORT	N/A
Cybersecurity/IA Support Services	\$30M	3rd QTR FY24	CPFF	SEAPORT TO	SEAPORT	Herren Assoc.

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Security Division – Code 105

Current Service Contracts

Brief Description	Dollar Value	Concludes (QTR / FY)	Contract Cost Type	Contract Vehicle	Incumbent
Access Control Services	\$6.90M	4th Qtr FY26	FFP	Commercial SAP	Lucayan Technology Solutions

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Corporate Business Office Division - Code 106

Current Service Contracts

Brief Description	Dollar Value	Concludes (QTR / FY)	Contract Cost Type	Contract Vehicle	Incumbent
Tech Writer, Records Management, and Process Improvement Support Services	\$3M	2nd QTR FY28	FFP	Commercial SAP (8A)	Fedwriters

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Property Management Division – Code 107

Current Service Contracts

Brief Description	Dollar Value	Concludes (QTR / FY)	Contract Cost Type	Contract Vehicle	Incumbent
Operating, Materials and Supplies (OM&S); General Equipment; Plant Property & Equipment/Asset Management; and Purchase Requisition Support Services	\$25M	4th QTR FY25	CPFF	SEAPORT TO	Adsync Technologies

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Industry Day Brief Department 20 / NFPC

Presented to:

Industry Day

Presented by:

Lead Acquisition Manager

and

Acquisition Manager

- 30 January 2024 -



Department 20 Machinery Programs and Platforms

Mission Statement:

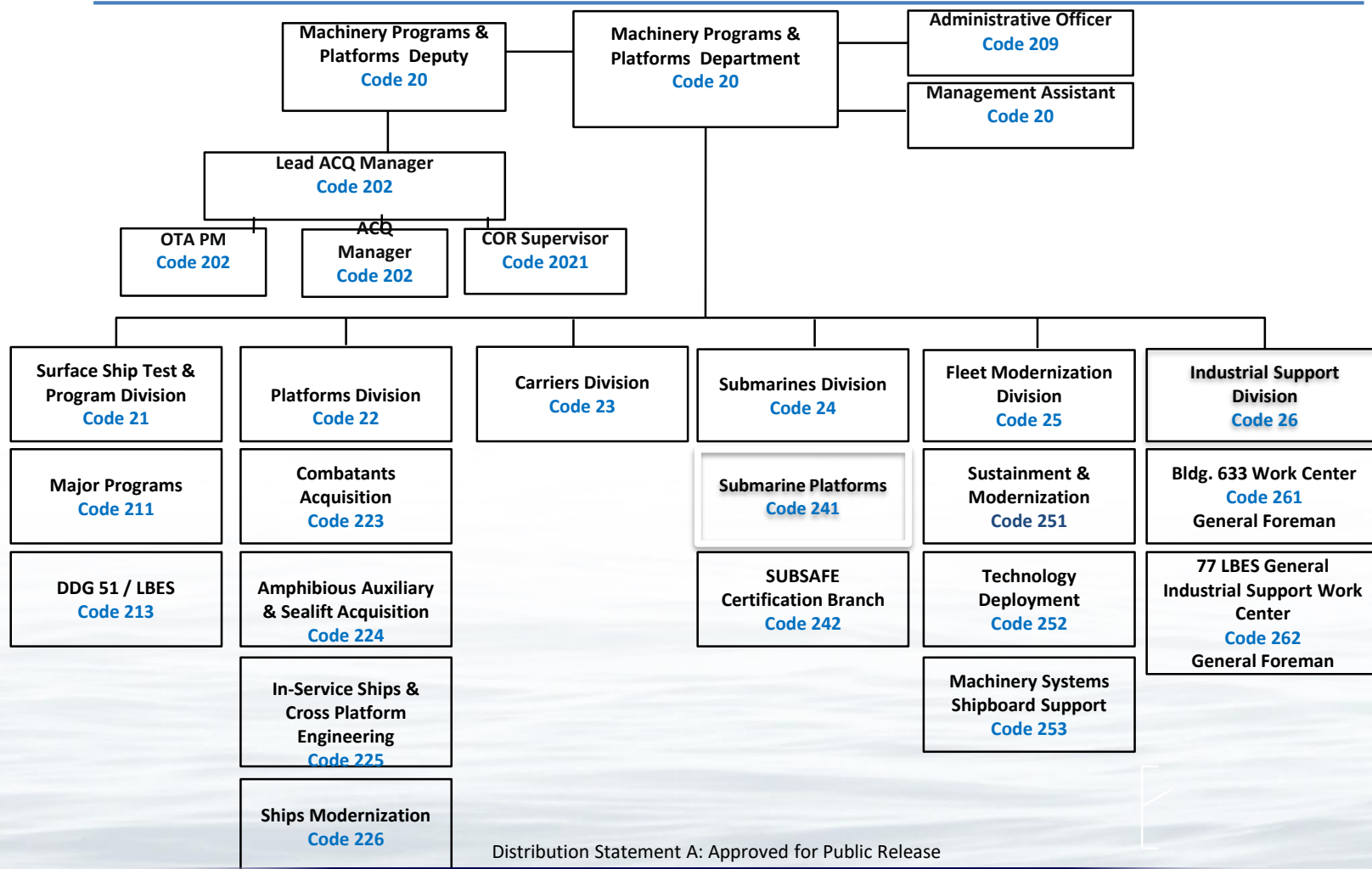
Provide program and platform leadership to the Command and the Navy to execute Hull, Mechanical and Electrical (HM&E) Machinery System integration initiatives through the successful management of Research and Development, Acquisition, Test and Evaluation, In-Service Engineering and Modernization programs. These programs allow NSWCPD to remain as the Navy's primary choice for HM&E Machinery Systems Engineering.

VISION STATEMENT:

Provide superior machinery systems integration for the Navy using high quality program and platform management practices which focus on acquisition, Fleet readiness, sustainment, modernization, testing, system integration and financial accountability.



Machinery Programs & Platforms Department Code 20 Organizational Chart



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Competitive Contract Requirements Division

21 Projected FY 24 Announcements

Description	ROM	Type	Contract Vehicle	Projected Announcement Site	Follow On	Anticipated Announcement Date (FY/QTR)	Requiring Technical Code
DDG(X) 40MW Load Banks	\$8M	FFP	SAPCOM	SAM	No	FY24 Q4	213
FFG-62 Block 2, Package 1: Intake/Uptake Ductwork	\$10M	FFP	SAPCOM	SAM	No	FY25 Q1	213
Business Operations/Engineering Services New Seaport Task Order	\$15M	CPFF	IDIQ	SEAPORT	No	FY25 Q1	213

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Competitive Contract Requirements Division 22 Projected FY 24 Announcements

Description	ROM	Type	Contract Vehicle	Projected Announcement Site	Follow On	Anticipated Announcement Date (FY/QTR)	Requiring Technical Code
Digital Video Surveillance System (DVSS)	\$35M	FFP	IDIQ	SAM	Yes, Leidos	FY24 Q3	226
Repair Station Console (RSC)	\$55M	FFP	IDIQ	SAM	Yes, DRS	FY24 Q3	226
Engineering, Software, and Technical Support Services for Cybersecurity Solution of Shipboard Navy Control Systems [Cyber SEAPORT]	\$9M	CPFF	IDIQ	SEAPORT	Yes, LCE	FY24 Q3	22
Engineering, Technical and Acquisition Support Services for DDG 51, LCS and DDG 1000 Class Surface Combatants [Remote Onsite Support]	\$13M	CPFF	IDIQ	SEAPORT	Yes, Mills Marine	FY24 Q3	223
PM Support and Associated System Engineering Service Support	\$9M	CPFF	IDIQ	SEAPORT	Yes, Noblis	FY24 Q4	225

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Competitive Contract Requirements

Division 22 (con't) Projected FY 24 Announcements

Description	ROM	Type	Contract Vehicle	Projected Announcement Site	Follow On	Anticipated Announcement Date (FY/QTR)	Requiring Technical Code
Engineering, Technical, and PM Services for HM&E Systems on US Navy Amphibious/Auxiliary Class Ships, Crafts and Foreign Military Sale Surface Ship Platforms							
[Amphib & Aux Systems Support Services]	\$11M	CPFF	IDIQ	SEAPORT	Yes, NDI	FY24 Q2	224
Ship's Modernization Program Waterfront Support	\$7.5M	CPFF	IDIQ	SEAPORT	Yes, ORBIS	FY25 Q1	226

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Competitive Contract Requirements Division 23 Projected FY 24 Announcements

Description	ROM	Type	Contract Vehicle	Projected Announcement Site	Follow On	Anticipated Announcement Date (FY/QTR)	Requiring Technical Code
Carrier Support Services	\$40M	CPFF	IDIQ	SAM	Yes, Gryphon	FY24 Q2	23

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Competitive Contract Requirements Division 24 Projected FY 24 Announcements

Description	ROM	Type	Contract Vehicle	Projected Announcement Site	Follow On	Anticipated Announcement Date (FY/QTR)	Requiring Technical Code
Submarine Systems Quality Assurance	\$3M	CPFF	IDIQ	SEAPORT	Yes, ORBIS	FY24 Q4	241
Submarine Systems Support	\$14M	CPFF	IDIQ	SEAPORT	Yes, Noblis	FY24 Q4	242

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Competitive Contract Requirements Division 25 / 26 Projected FY 24 Announcements

None

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NAVAL FOUNDRY AND PROPELLER CENTER (NFPC)

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NFPC and Contacting Background

NFPC is an organization at the Philadelphia Naval Business Center.

NSWCPD has been the contracting agent for NFPC since 2017.

Department 20 is the interface between NFPC and NSWCPD Contracts.



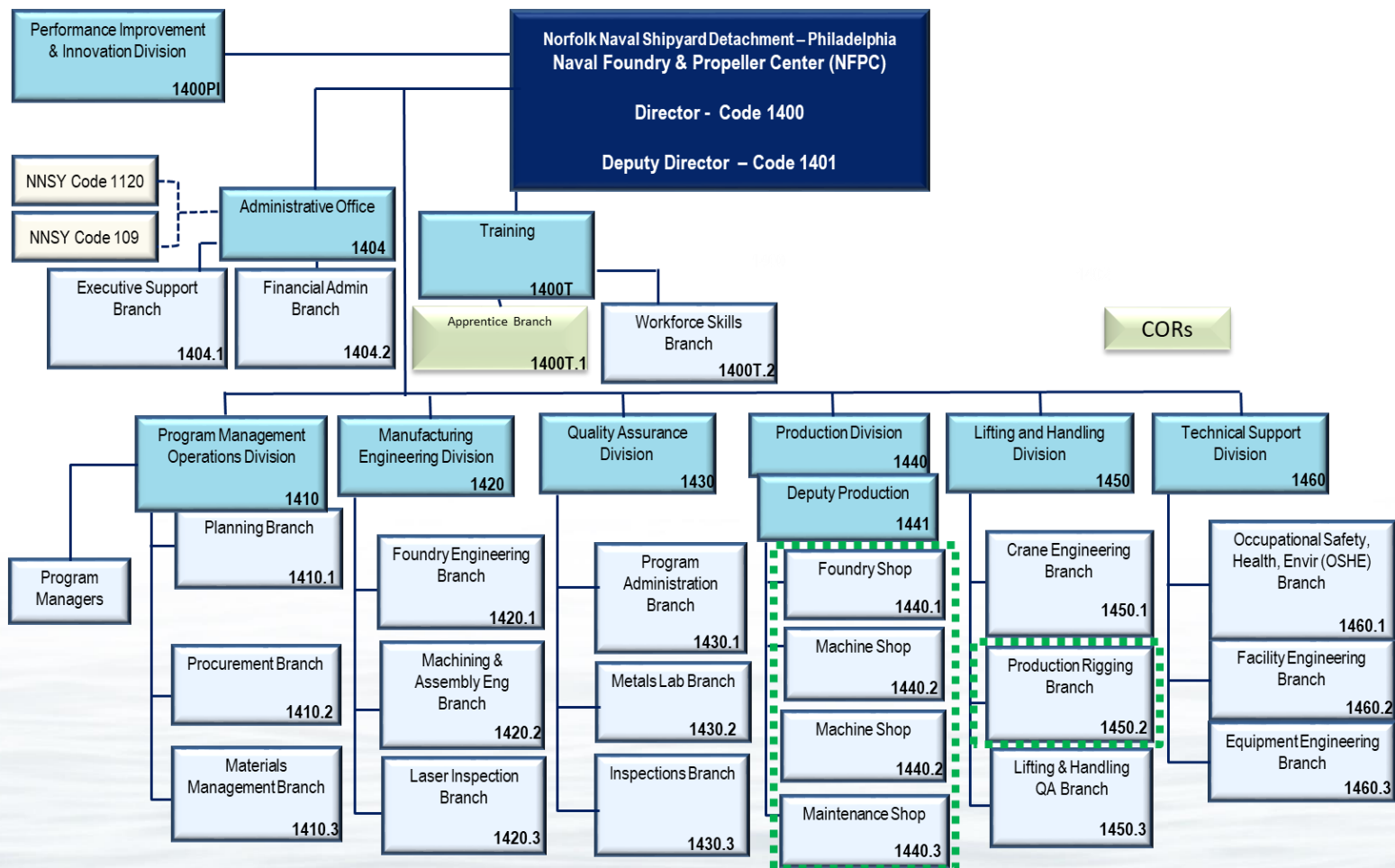
Naval Foundry and Propeller Center - NFPC

Mission Statement:

Design and manufacture advanced propulsion components for the U.S. Navy. NFPC specializes in advance propulsion engineering, castings and precision machining.



NAVAL FOUNDRY AND PROPELLER CENTER (NFPC ORG CHART)



Distribution Statement A: Approved for Public Release



Competitive Contract Requirements NFPC Projected FY 24 Announcements

Description	ROM	Type	Contract Vehicle	Projected Announcement Site	Follow On	Anticipated Announcement Date (FY/QTR)	Requiring Technical Code
Large Preventative / Corrective Maintenance Contract	\$60M	CPFF	IDIQ	SAM	No	FY24 Q1	241F

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NSWCPCD C/30 Industry Day Brief

Acquisition Manager

C/302

- 30 Jan 2024 -

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Department 30

Machinery Research, Logistics & Ship Integrity

Mission Statement:

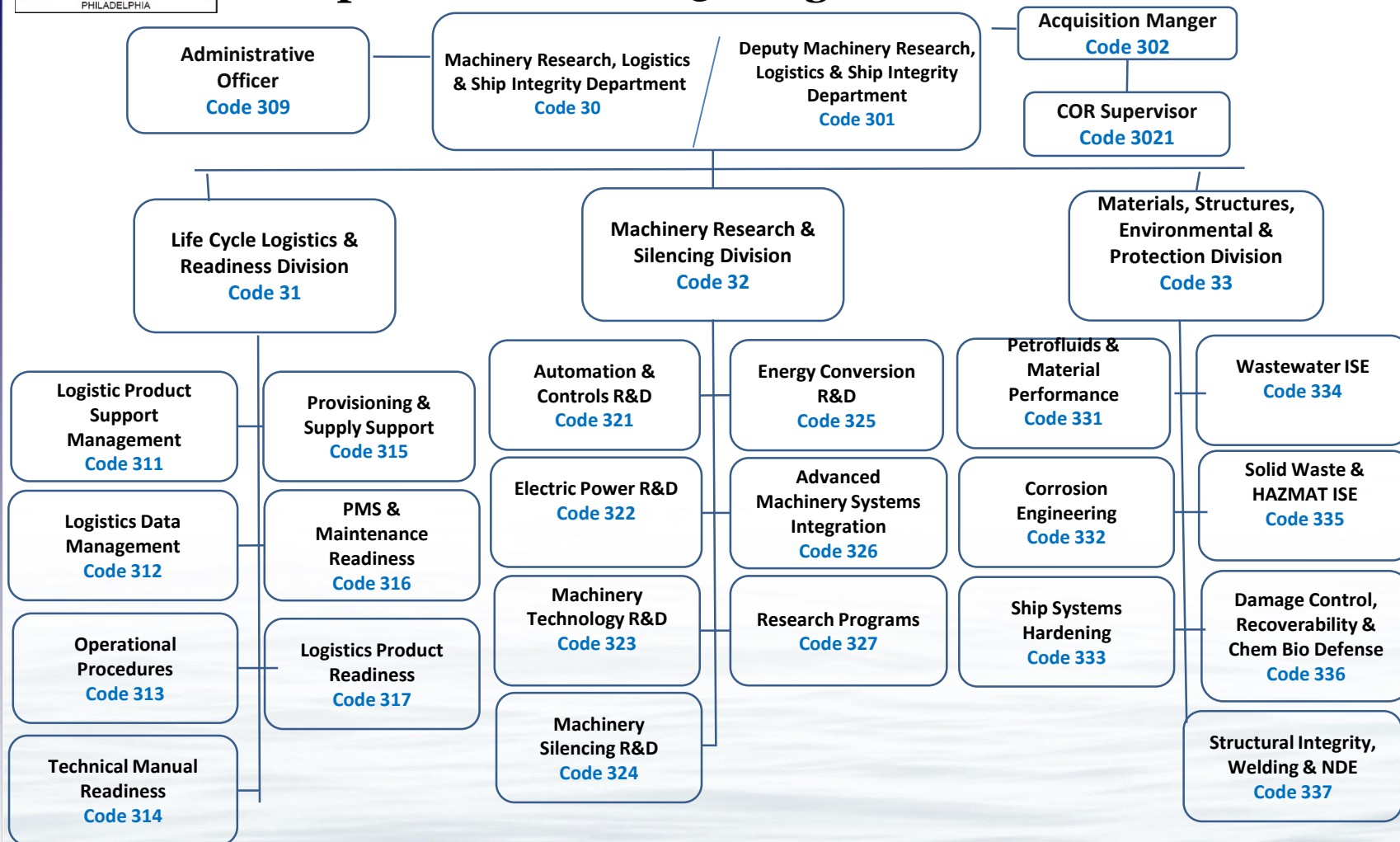
Provide leadership, management, and execution of the Navy's Machinery Hull, Mechanical, and Electrical (HM&E) research and development, ship integrity, environmental compliance and protection, system calibration, and logistics and training initiatives. These programs and products support the Command's core equities and technical capabilities, which will allow NSWCPD to remain the Navy's primary choice for HM&E Machinery Systems Engineering.

Vision Statement:

Naval machinery engineering excellence through affordable research and development, logistics, and ship integrity solutions.



Machinery Research, Logistics & Ship Integrity Department – Code 30 Organizational Chart



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Competitive Contract Requirements – Projected FY24 Announcements

Description	ROM	Type	Contract Vehicle	Projected Announcement Site	Incumbent	Anticipated Announcement Date (FY/QTR)	Requiring Technical Code
SEAPORT TO_ C/311 Program Management Support	\$20M	CPFF	IDIQ	SEAPORT	NONE	FY23 Q3	311
C/317 Readiness Analysis_SEAPORT TO	\$13M	CPFF	IDIQ	SEAPORT	NONE	FY24 Q2	317
312_Haystack Licenses_SAPCOM	\$2M	FFP	SAPCOM	SAM	Haystack	FY24Q3	312
333_Hardening Engineering Services SEAPORT	\$21M	CPFF	IDIQ	SEAPORT	Ledios Inc.	FY24 Q2	333
Lube Oil Sample Analysis	\$2.9M	FFP	IDIQ	SAM	ALS Services USA, CORP.	FY24 Q2	331

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Industry Day Brief

Propulsion, Power, & Auxiliary Machinery

Department 40

Presented to:

NSWCPD Industry Day 2024

Presented by:

Acquisition Manager

Acquisition Managers, C/402

- 30 January 2024 -

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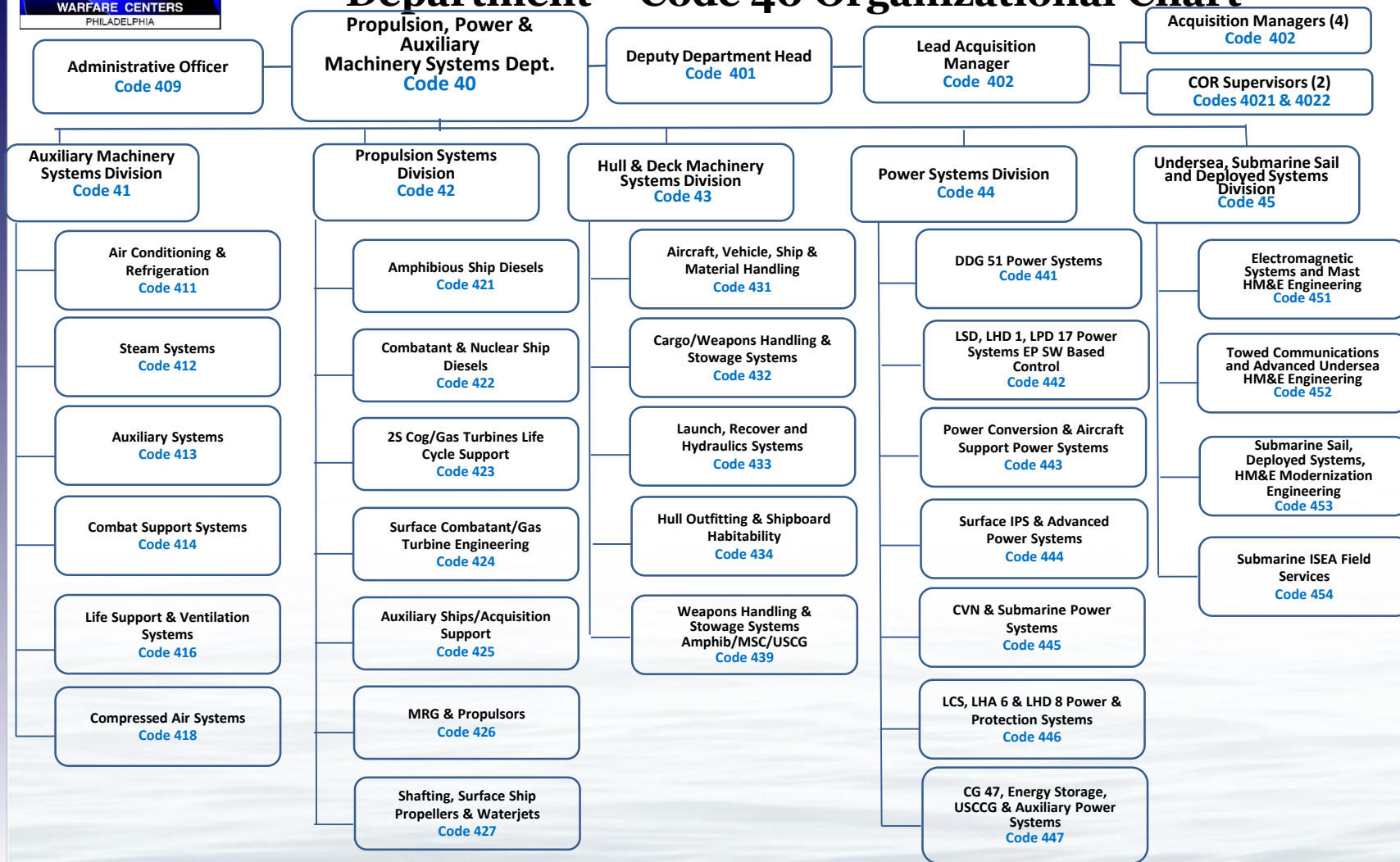
Department 40

Propulsion, Power & Auxiliary Systems

- Mission Statement:
 - Provide the Navy with Superior Engineering Solutions and Technologies for Propulsion, Power, Auxiliary and Machinery Systems to make our ships and systems operationally superior and affordable throughout their life cycle
- Vision Statement:
 - NAVSEA's Life Cycle Engineering, Technology and Innovation Leader Providing superior machinery systems integration for Propulsion, Power, Auxiliary and Machinery Systems



Propulsion, Power & Auxiliary Machinery Systems Department – Code 40 Organizational Chart



Distribution Statement A: Approved for Public Release



Competitive Contract Requirements – Projected FY24 Announcements

Brief Description	ROM	Anticipated Announcement Date (FY/QTR)	Requiring Technical Code	Contract Type	Contract Vehicle	Announce ment Site	Follow-On
Auxiliary Machinery Systems support	> \$7.5M - < \$50M	FY24/Q2	41	CPFF	Delivery Order/Task Order (not under Federal Supply Schedule Contract	Seaport	Yes (MAC - Noblis/QED)
Modular Refrigeration Systems (MRS) for CVNs	> 2M - < \$7.5M	FY24/Q2	411	FFP	Single-Award Indefinite-Delivery	SAM	New
Critical Spares Refurbishment/Repair	> \$7.5M - < \$50M	FY24/Q2	412	CPFF	Single-Award Indefinite-Delivery	SAM	Yes (QED)
Low Pressure Electrolyzers (LPEs)	> \$50M - < \$100M	FY24/Q2	416	FFP	Single-Award Indefinite-Delivery	SAM	Yes (Hamilton Sundstrand)

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Competitive Contract Requirements – Projected FY24 Announcements

Brief Description	ROM	Anticipated Announcement Date (FY/QTR)	Requiring Technical Code	Contract Type	Contract Vehicle	Announce ment Site	Follow-On
Propulsion & Power Generation Diesel Engineering Support – Diesel Readiness System (DRS) Program	> \$7.5M - < \$50M	FY24/Q4	421/422	CPFF	IDIQ	Seaport	Yes (LCE)
501-K17 Gas Turbine Engine Overhaul	> \$7.5M - < \$50M	FY24/Q2	423	FFP	IDIQ	SAM	Multiple
Propeller Repair	> \$50M - < \$100M	FY24/Q4	423	FFP	IDIQ	SAM	Multiple
LM2500 Turbine Midframe Repair	> \$7.5M - < \$50M	FY24/Q4	424	FFP	IDIQ	SAM	New
Install Support for Gas Turbines	> \$7.5M - < \$50M	FY24/Q4	424	FFP	IDIQ	SAM	Yes (QED)
C/425 Engineering Services	> \$7.5M - < \$50M	FY24/Q3	425	CPFF	IDIQ	TBD	New

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Competitive Contract Requirements – Projected FY24 Announcements

Brief Description	ROM	Anticipated Announcement Date (FY/QTR)	Requiring Technical Code	Contract Type	Contract Vehicle	Announcement Site	Follow- On
Cargo/Weapons Handling Support	> \$7.5M - < \$50M	FY24/Q3	432	CPFF	Delivery Order/Task Order (not under Federal Supply Schedule Contract)	Seaport	New
LCC-19 Steering Gear Upgrade	< \$2M	FY24/Q2	433	OTA	Single Award Other Transaction Authority	MSTIC	New
LHD 2-4 Steering Gear Transfer Valve Replacement	< \$2M	FY24/Q2	433	OTA	Single Award Other Transaction Authority	MSTIC	New
Habitability MAC	> \$250M - < \$1B	FY24/Q4	434	Cost-Reimbursement	Multi-Award Indefinite- Delivery	SAM	Multiple

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Competitive Contract Requirements – Projected FY24 Announcements

Brief Description	ROM	Anticipated Announcement Date (FY/QTR)	Requiring Technical Code	Contract Type	Contract Vehicle	Announcement Site	Follow-On
Electrical Blue Collar MAC	> \$50M - < \$100M	FY24/Q3	44	CPFF	Multi-Award Indefinite-Delivery	SAM	Multiple
8kVA UPS Materials	> \$2M - < \$7.5M	FY24/Q2	447	FFP	Single-Award Indefinite-Delivery	SAM	New
Power Conversion Electrical Engineering Support	> \$7.5M - < \$50M	FY24/Q2	447	CPFF	Delivery Order/Task Order (not under Federal Supply Schedule Contract)	SEAPORT	Multiple
60 Hz Electrical Engineering Support	> \$7.5M - < \$50M	FY24/Q4	442	CPFF	Delivery Order/Task Order (not under Federal Supply Schedule Contract)	SEAPORT	Multiple
Submarine CVN Electrical Engineering Support	> \$7.5M - < \$50M	FY24/Q2	445	CPFF	Delivery Order/Task Order (not under Federal Supply Schedule Contract)	SEAPORT	Multiple

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Competitive Contract Requirements – Projected FY24 Announcements

Brief Description	ROM	Anticipated Announcement Date (FY/QTR)	Requiring Technical Code	Contract Type	Contract Vehicle	Announcement Site	Follow-On
Engineering and Technical Services for Submarine Communication Systems	> \$7.5M - < \$50M	FY24/Q2	452	CPFF	Delivery Order/Task Order (not under Federal Supply Schedule Contract)	SEAPORT	Follow-On (GDIT)
Submarine Sail Test & Assembly MAC	> \$7.5M - < \$50M	FY24/Q2	451	FFP	Multi-Award Indefinite-Delivery	SAM	Follow-On
Test & Assembly of Tow Cables	> \$2M - < \$7.5M	FY24/Q2	452	FFP	Single-Award "C" Type	SAM	Follow-On (PMI)
Columbia Drum Shafts	< \$2M	FY24/Q2	452	FFP	Single-Award "C" Type	SAM	New
Racetrack and Payload Tube Platforms	> \$7.5M - < \$50M	FY24/Q3	453	FFP	Single-Award Indefinite-Delivery	SAM	Follow-On (Oceaneering)
BST-1 Launcher Material Procurements and Kitting (Columbia)	> \$2M - < \$7.5M	FY24/Q3	453	FFP	Single-Award Indefinite-Delivery	SAM	New

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Competitive Contract Requirements – Projected FY24 Announcements

Brief Description	ROM	Anticipated Announcement Date (FY/QTR)	Requiring Technical Code	Contract Type	Contract Vehicle	Announcement Site	Follow-On
COLUMBIA and OHIO Component Procurements (e.g. cable cutters, cradles, reeling machine, tensioners)	> \$2M - < \$7.5M	FY24/Q2	452	OTA	Single Award Other Transaction Authority	MSTIC	New

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Department 50 Cybersecure Machinery Control Systems and Networks Department Overview

Presented to:

NSWCPD Industry Day

Presented by:

Department 50 Lead Acquisition Manager

- 30 January 2024 -

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Cybersecure Machinery Control Systems & Networks - Department 50

MISSION:

The Cybersecure Machinery Controls Systems & Networks Department is the principal provider of life cycle management (LCM) and full spectrum engineering support for cybersecure surface ship machinery information, sensors and control systems; mission-critical networks; steering and integrated bridge/navigation systems.

VISION:

We are the Navy's leader for integrated cybersecure surface ship machinery information, sensors and control systems; mission-critical networks; steering and integrated bridge/navigation systems.



Cybersecure HM&E Control Systems & Networks – Department 50 Expanding the Advantage



Machinery Control Systems

- Machinery Controls LCM
- New Acquisition Support
- ISEA and SSA Support
- Modernization Support
- GOTS/Navy owned control systems development



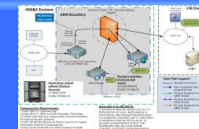
HM&E Cybersecurity

- Installing Non-Permanent Changes (NPCs) & developing SCDs for SA and Boundary Defense
- Cybersafe Program Development/Execution
- CSWF



Electronic Damage Control Plotting

- Advanced Damage Control System (ADCS)
- Damage/Casualty Control Automation
- Advanced Hardware Integration



Machinery Enterprise Info Systems

- Monitoring & Condition Assessment Systems
- Enterprise Remote Monitoring (eRM)
- Integrated Condition Assessment System (ICAS)
- Consolidated Machinery Assessment System (CMAS)



Auxiliary Machinery Control Systems

- Fluid & Steam Systems Automation
- Thermal Management
- Smart Valve Actuators
- Tank Level Indicators (TLIs)
- Automated Heat Stress System (AHSS)

Dept 50 is the Navy's leader for integrated cybersecure surface ship machinery information, sensors and control systems; mission-critical networks; steering and integrated bridge/navigation systems.



Machinery Info Systems Technology

- Data Acquisition System design and implementation
- Digital Video Surveillance Systems (DVSS)



CVN Networks, Navigation & Ship Controls

- CVN Ship/Steering Controls, Displays and Interfaces
- Navigation Distribution Systems
- Digital Ship Control System (SCS) RDT&E



Mission Critical Interior Communications (IC) Data Networks

- HM&E/IC Data Networks/Networks Infrastructure
- USQ-82 GEDMS/FODMS/DMS/SDMS
- Fiber Optic Cable Topology Standards & Qualification



Ships Navigation & Integration Bridge Systems

- Navigation Systems
- HM&E Certification
- Integrated Bridge Controls
- Electronic Charting Display Information System



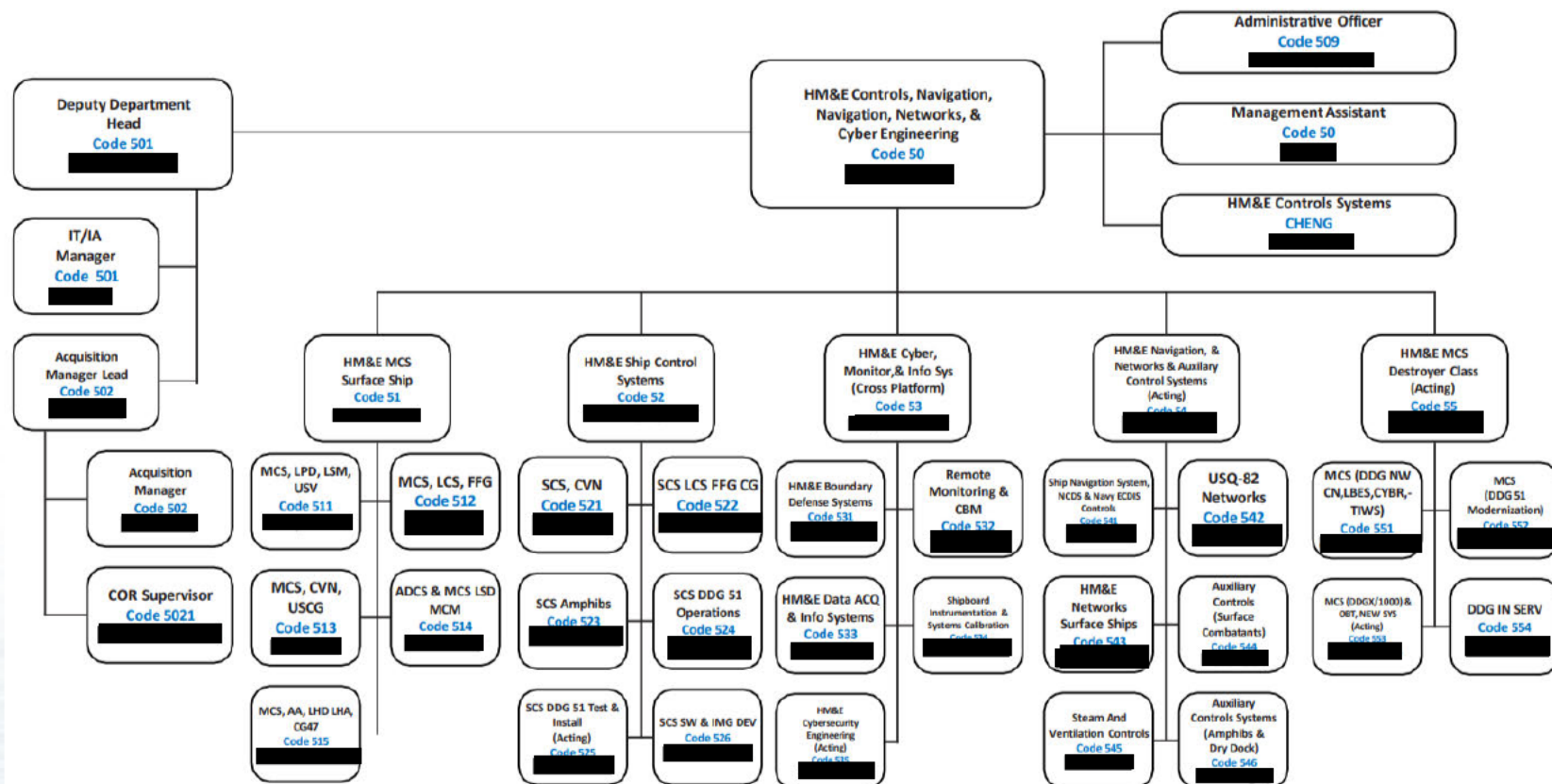
OBT & Sim/Stim Capabilities

- Object-oriented, C++ machinery models
- Simulated control system (ship specific)
- Software-Based Machinery Plant Trainers
- Machinery Simulations

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Cybersecure HM&E Control Systems & Networks Department – Code 50 Organizational Chart



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Department 50 Anticipated Competitive Contract Requirements

Requirement Title	Anticipated Total Value	Anticipated Contract Type	Anticipated Procurement Instrument	Anticipated Solicitation Release	Follow-On	Existing Contract Number	Tech Code
Amphibious Machinery Control Engineering Services Support	> \$50M - < \$100M	Cost Reimbursement	Seaport	FY24 Q4	Yes	N6449822F3128 (LCE – 511) N6449822F3135 (Noblis - 511) N6449822F3150 (GBS - 515) N6449819F3013 (GBS - 515) N6449822F3173 (Noblis - 515) N6449823F3097 (LCE - 515)	511 and 515
Advanced Damage Control Systems (ADCS) Engineering Support Services	> \$50M - < \$100M	Cost Reimbursement	Seaport	FY24 Q2	Yes	N6449819F3004 (GBS) N6449822F3036 (GBS)	514
Human Machined Interface (HMI) Equipment	> \$7.5M - < \$50M	Fixed-Price	IDIQ	FY24 Q2	Yes	N6449819D4002 (NAG)	514
Synchro System Module (SSM) Hardware Procurement	> \$7.5M - < \$50M	Fixed-Price	IDIQ	FY24 Q3	No	N/A	52
Condition Based Maintenance (CBM) Installation Support Services	> \$7.5M - < \$50M	Fixed Price	IDIQ	FY24 Q4	Yes	N6449820F3900 (GreenXT)	532

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Department 50 Anticipated Competitive Contract Requirements

Requirement Title	Anticipated Total Value	Anticipated Contract Type	Anticipated Procurement Instrument	Anticipated Solicitation Release	Follow-On	Existing Contract Number	Tech Code
Situational Awareness, Boundary Enforcement and Response (SABER), Cyber Vulnerability Assessment Tool (CFAST), and Development, Security, and Operations (DevSecOps) Engineering Services Support	> \$50M - < \$100M	Cost Reimbursement	Seaport	FY24 Q4	Yes	N6449820F3006 (EHS - SABER) N5449820F3005 (GBS - CFAST) N6449821F3003 (Noblis - DevSecOps)	531 and 535
Tank Level Indicator (TLI) Hardware and Incidental Services	> \$7.5M - < \$50M	Firm Fixed Price	IDIQ	FY24 Q2	Yes	N64498-17-D-0014 (NAG)	544
Computer Hardware for TLI	> \$7.5M - < \$50M	Firm Fixed Price	IDIQ	FY24 Q2	Yes	N64498-17-D-0014 (NAG)	544

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2024 Industry Day

**NSWC Philadelphia
Small Business Office**

Presented by:
Small Business Professional

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FY 2023 Accomplishments

TOTAL ELIGIBLE	755.0 M			
* as of 12/21/23		GOAL %	ACTUAL \$	ACTUAL %
	Small Business	44.5 %	360.0 M	47.64 %
	Small Disadvantage	4.0 %	38.3 M	5.08 %
	Service Disabled	.40 %	12.7 M	1.68 %
	Woman Owned	2.00 %	15.1 M	2.005 %
	Hub Zone	0.9 %	18.7 M	2.48 %

Small Business – The First Option

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Lessons Learned

- know the mission of the Command
- be aware of the Long Range Forecast
- use available tools like fpds.gov and sam.gov
- free resources like quasi-Government agencies like Apex Accelerators and Small Business Development Centers
- track upcoming opportunities
- provide details when inquiring about requirements
- **know your competitors (for better or for worse)**
- emphasize your past performance
- ask for debriefs – even if you win
- make use of the Small Business Professionals time
- inform the SBP if not getting work as subcontractor
- cc the SBP on all sources sought responses



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Don't....



- criticize your competition
- repeat gossip
- ask inappropriate questions
- waste time
- try to educate the SBP
- speak the entire session
- overuse superlatives
- use personal email tags
- propose on something that you may not be able to perform
- ask for a set aside, then not respond to the solicitation



Positive

XXXX is a strong 8(a)/SDVOSB Technology SBE. Our primary verticals are Agile DevSecOps/SecDevOps Software Development, Training, Transformation, Modernization, Application Migration, and Cloud Services Support.

We've been in business for 12 years! We love to compete, have won many large contracts, and receive exceptional CPARS. We take great pride in our ability to be proactive and ready when you need a strong small business to perform.



Positive

We are keenly aware of the governments increased utilization of GSA MAS and possess these SINS:

- 511210** – Software Licenses
- 541511** – Software Maintenance Services
- 54151S** – Information Technology Professional Services.

Our GSA contract number is XXXXXX. We are in final negotiations to add XX additional LCATS to our schedule. Once complete, we will be adding several additional products to support XXXXXX.

XXXX is certified as a Service-Disabled Veteran-Owned Small Businesses (SDVOSB) and Veteran-Owned Small Businesses (VOSB) with the U.S. Small Business Administration (SBA), effective XXXX. Please look us up on the new SBA portal [Veteran Small Business Certification \(sba.gov\)](https://www.sba.gov/veteran-small-business-certification).



Not So Much...

We would be happy to discuss how XXXX can satisfy this requirement using our 8(a) Native Hawaiian Organization (NHO)-owned status.

The benefits of leveraging the 8(a) NHO program include:

- **\$100M sole source awards.** XXXX may receive sole source awards up to \$25M without a justification and approval (J&A) and there is no procurement ceiling with a J&A.
- **Awards cannot be protested.** Sole source awards cannot be protested per 13 CFR 124.517(a)
- **Faster procurements via XXX Contracting.** XXXX can work jointly with the Government to reduce procurement time, develop, or refine the statement of work, and provide a better solution.
- **No procurement competition.** There is no requirement to compete procurements before a sole source award to XXXX per 13 CFR 124.506(b)(3)



Not So Much...

The XXXXXX can provide you with several “XXX” options to assist you with Q4 procurements. Below we have outlined ways the government can work directly with us and/or our approved Alaskan Native Partners (ANC).

Sole Source Limit: \$100M sole source limit (13 CFR 124.506(b)(2)) - **SBA Approved**

Our services include but are not limited to the following:

Construction NAICS Codes:

236220 (Building Construction) *

236210 (Industrial Construction)



Not So Much...

Gerald, I'm here to make your life in the world of procurement easier than ever.

Let me take a moment to highlight the unique value proposition and advantages that XXXXX brings to government agencies like Naval Sea Systems Command .

Our creative approach is rooted in understanding your agency's objectives and translating them into engaging content that moves your audience.

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Not So Much...

I hope this email finds you well. XXXX is a small business certified as a WOSB and SDB. We noticed that your organization hasn't met its WOSB goals for the current fiscal year, and we would love to help you achieve this objective



Nor This...

xxxx.xxxx@gmail.com

Happy Tuesday!

Good Day to you! Do you have any RFQ's I can be able to assist you?



Not So Much...

Good afternoon. As we are getting ready for the buying season, I am reaching out to you to consider us for 8(a) sole source contracting for your XXXXXXXXX contracting needs (Management & Support Services, etc.).

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No No No

My name is XXXXX. I am the owner of XXXX.
Do you have any End of Fiscal Year Direct Awards
that we can help you with?



POC

NSWC –PD Small Business Office:
(215)897-1348

Distribution Statement A: Approved for Public Release



Small Business Subcontracting

Presented to:

NSWCPD Industry Day

Presented by:

**Deputy of Small Business, Alternate
Naval Surface Warfare Center, Philadelphia Division**

- 30 January 2024 -

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Topics

- Small Business Subcontracting Overview
- Small Business Subcontracting Plans
- Small Business Participation/Commitment
- Plan vs Participation/Commitment
- Compliance and Reporting



Small Business

Subcontracting Overview

Purpose- Maximize utilization of small businesses, joint effort of Government and Other Than Small Businesses

- FAR 19.201
- DFARS 219.201
- PGI 219.201
- FAR 52.219-8
- Small Business Act



Small Business Subcontracting Plans

- FAR 19.702 and 19.704
- All offerors, other than small businesses
- Types of Plans
 - Individual
 - Master
 - Commercial
 - Comprehensive



Small Business Participation Commitment Document

- FAR 15.304 and DFARS 215.304
- ALL businesses
- Required for only certain DOD negotiated buys
- Evaluated and incorporated into contract

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Plan vs Participation/Commitment

Subcontracting Plan	Small Business Participation/Commitment
FAR 19.7	FAR 15.304, DFARS 215.304
Must be negotiated and determined acceptable by the Contracting Officer prior to award	Solicitation establishes requirements and evaluation criteria for SB participation
Must have 15 elements defined in FAR 52.219-9	Evaluated IAW solicitation criteria
Required for all Federal contracts (subject to dollar limitations and exceptions) and includes both negotiated acquisitions and sealed bidding	Required only certain DoD negotiated acquisitions
Does NOT apply to small businesses	Applies to ALL businesses
Based on total planned subcontracting dollars.	Based on Total Contract Value . Could be tied to a Minimum Quantitative Requirement (MQR).

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Compliance and Reporting

- Subcontracting Plan
 - eSRS
 - CPARS
 - Liquidated Damages
- Small Business Participation Commitment
 - As stated in RFP/Contract
 - CPARS

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MSTIC Other Transaction Authority

Presented to:

2024 Industry Day

Presented by:

MSTIC Agreements Officer

- 30 January 2024 -

DISTRIBUTION A: Distribution authorized for public release – January 2024



Other Transaction Authority

SEEKING INNOVATIVE TECHNOLOGIES?

MARITIME SUSTAINMENT TECHNOLOGY AND INNOVATION CONSORTIUM (MSTIC) (mstic.org)

N64498-21-9-0001

WHAT IS IT?

The primary goal of Other Transactions (OTs) is to attract nontraditional performers to reach innovative technologies not otherwise available to the Government

Why use it?

- Flexibility in competition, award structure, and more!
- Communication and collaboration between the Government and Industry is HIGHLY ENCOURAGED!
- Intellectual property and data rights terms are open to negotiation
- Production under the OT Authority with a sole source IF certain conditions exist
- Do not need a "defined requirement" or funding to submit a potential Project under the OTA

MSTIC Status

- Current Membership: 457, 80% nontraditional defense contractor

FY 24 Cycle 2

- Project Cut Off Date: February 16th
- Industry Day: March 12th – March 13th in Downtown Philadelphia
- Expected Award: end of June/ early July 2024
- Go to [MSTIC.org/how-to-join](https://mstic.org/how-to-join) to join the MSTIC consortium. Must be a member to submit to projects.

GOT QUESTIONS? WE CAN HELP!



Agreements Officer: 267-990-6178



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MSTIC Metrics

Total of 45 Agreement Awards; Value of \$84M, and \$32M in obligations

OT Designation	Total PPO Award Value	# of Project Orders
Non-traditional Defense Contractor	\$51,677,862	34
Traditional w/ significant non-traditional participation	\$19,265,323	7
Traditional w/ 1/3rd Cost Share	\$10,501,950	1
Nonprofit Research Institution	\$2,606,100	3

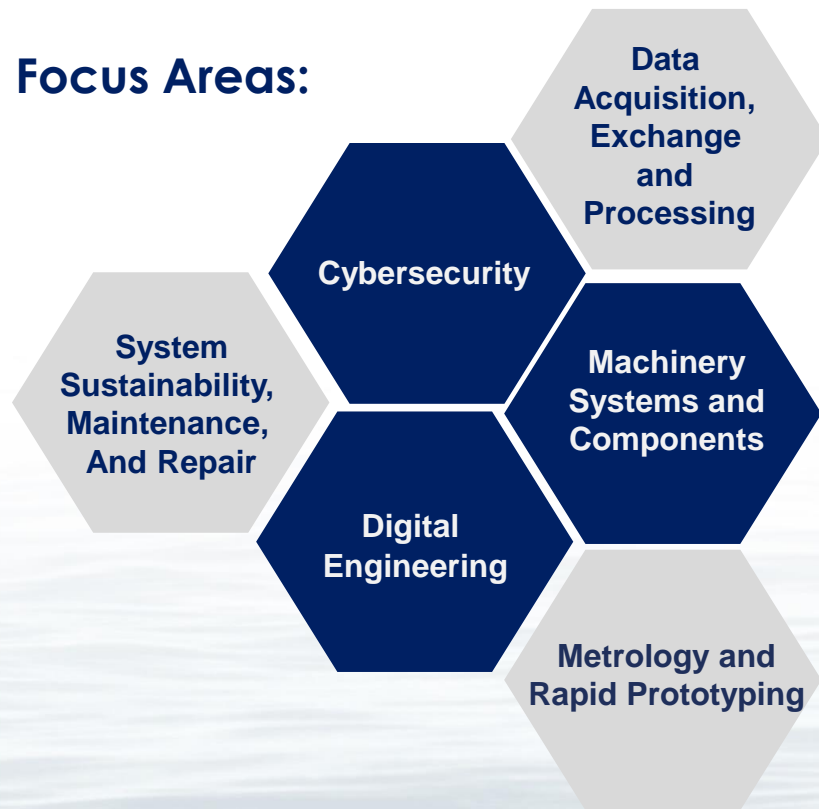
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Liberty Tech Bridge

Vision – An innovation ecosystem between the US Navy and industry, academia, state and local governments in New Jersey, Pennsylvania and Delaware region to accelerate the development and transition of innovative increases in Navy shipboard warfighting capability.

Focus Areas:



Partners:



Naval Information Warfare Center



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Other Transaction Authority

- Work with NSWCPD Public Affairs Office (PAO) to continue to market and educate on MSTIC
- Workforce Development
 - Tech Bridge Rotation
 - Pilot with rotation with Industry
- Industry Engagement via PIA
 - Work with DVIRC, our PIA Partner, to create a commercialization Pitch Day
 - SBIR/NISE Industry Days
 - Tech Bridge Tuesdays
- Experimentation Site utilizing inactive ships and local NSWCPD facilities

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Established May 2022

Liberty Tech Bridge



Mission

Facilitate strategic partnerships and foster activities that accelerate the creativity and innovation that improve the capability, capacity and readiness of the Naval Force – Sailors, Marines and Civilians.

Vision

An innovation ecosystem between the US Navy and industry, academia, state and local governments in New Jersey, Pennsylvania and Delaware region to accelerate the development and transition of innovative increases in Navy shipboard warfighting capability.

Members

Naval Surface Warfare Center Philadelphia Division

Naval Information Warfare Center Pacific

Naval Air Warfare Center Atlantic Division Lakehurst



Our Progress So Far

Tech Bridges In Action: Powering Capability Acceleration

Tech Bridges feature a physical collaboration space in a commercial location, rather than on base or in a Naval Laboratory.

These accessible locations allow Tech Bridges to host targeted events for the local ecosystem — each with a clear intention that yields meaningful collisions for the DON and for ecosystem attendees.

“This is long overdue. [NavalX Tech Bridges] have the center of the universe that the rest of us orbit around.”

Mr. Jimmy Smith, OSBP

Distinguishing Objectives

In service of the U.S. Navy and Marine Corps



Sourcing: Sourcing problems and new technologies/vendors



Connection: Connecting relevant technologies with problem owners and relevant ecosystem members

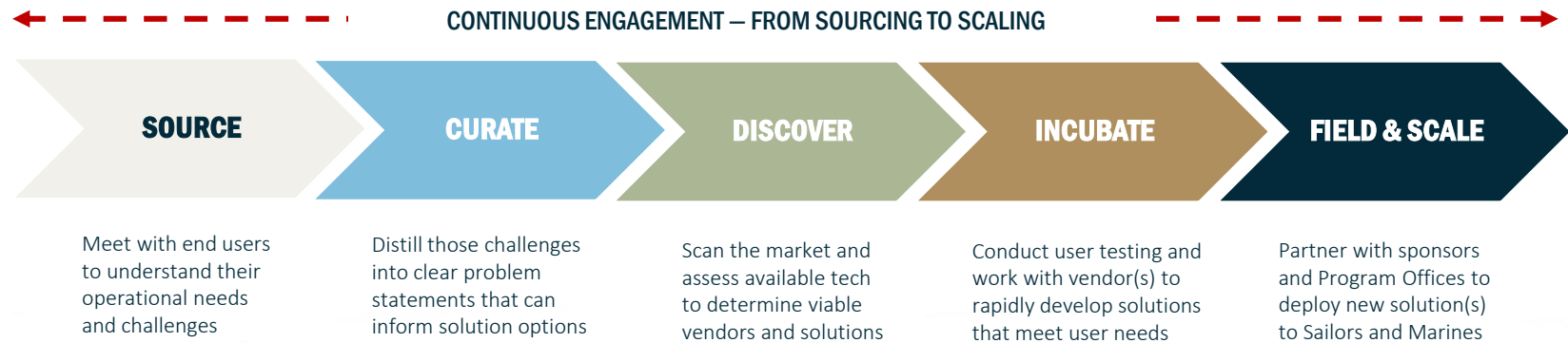


Collaboration: Engaging and increasing information sharing across the ecosystem



Our Approach

Human-Centered Design to Scale Innovation



Prototype-to-Production Readiness Checkpoints



Technology Readiness



Manufacturing Readiness



Investment Readiness



Company Readiness

← ———— Adoption Readiness ———— →



University Day Series

Objectives

- Pursue **active engagements** with existing EPA Partners and create new relationships with local universities through new collaboration agreements
- Increase **awareness of current technologies and research ongoing at universities** that would be applicable for Navy capabilities
- **Create active network** for future initiatives
- Facilitate opportunities for engagement between NSWCPD and Universities

Outputs/Metrics

- Universities have gained training and reference materials for additional opportunities to engage with NSWCPD
- Track New and Ongoing Collaboration Agreements.
- Focus areas or teams consisting of universities and NSWCPD employees
- Track co-ops, internships, grant funded projects, senior design projects, employees on-boarded from these efforts
- University Driven Data: Timeline for Call for Projects, Funding Need Dates, Focus Areas, Points of Contacts, Pls
- Track technology outcomes that transfer to the Navy



Liberty Tech Bridge Upcoming Events

University Series Days: February 6, 2024

The third part of our series. Sign up to learn more about methods of collaboration between naval warfare centers and academia. Collaborations are only successful if both parties understand each other. These events are to ensure our current and future partners understand our agreements, practices and research areas and provide you a venue to engage and share ideas.



Navy Programs to be covered:

- Office of Naval Research's Navy Undersea Research Program & the Naval Enterprise Partnership Teaming With Universities For National Excellence (NEPTUNE) program
- The Department of Navy's Historically Black Colleges and Universities/Minority Institutions program
- Naval Sea Systems Command Small Business Innovation Research and Small Business Technology Transfer program

Save-the-Date: MSTIC-24-02 Collaboration Event March 2024

The MSTIC-24-02 Collaboration Event will take place in **Philadelphia, PA on March 12-13, 2024**. The event agenda will include a MSTIC program update, SON briefs, and one-on-one opportunities, and more.

This will be a Distro D event and will be open to all MSTIC members and U.S. Government representatives.

For any questions, please contact MSTIC@ati.org.

To apply for MSTIC membership, please visit the [How To Join](#) page.

Technology Scan

The NSWCPD is seeking publicly releasable data on an electric-padded, azimuthing ship propulsor for developing machine-learning models. Preferably, the data should include dimensions, parameters, operational information, and the inputs vs. outputs of the thruster. Any data regarding the hydrodynamics associated with steering and generating thrust of the propeller and any specifications regarding the equipment would also be helpful.

If you have any such data sets or suggested sources, please contact LibertyTechBridge@us.navy.mil.

2024 NSCW Philadelphia Division Industry Day Question & Answer

1. Does NAVSEA in general or the NAVSEA Warfare Centers specifically have their own Authorizing Officials or do all ATOs go up to Mr. Charles Hester at 10th Fleet?
 - a. We have our own agreements officers.
2. What is your average time to award contract actions?
 - a. Procurement action lead time varies depending on the specific contract type.
3. For Other Transactions, why aren't we doing Cost Type OTs?
 - a. The agreement structure is determined by the Agreements Officer and is done on a case by case basis relative to the requirement and agreement limitations. Our current agreement does not accommodate expenditure type arrangements.
4. Provision of Draft RFP's - what is your position on providing a draft RFP out for comment as an effort to maximize competition?
 - a. We are open to it and encourage it when appropriate for our more complex requirements.
5. Will NSWCPD identify which solicitations will transition to Seaport and which will not?
 - a. NSWCPD does not maintain a list. Each new procurement will be evaluated to determine the appropriate acquisition strategy and then synopsized/solicited accordingly.
6. Is there an emphasis for more virtual industry days for specific opportunities?
 - a. No. The government utilizes a best fit strategy on a case by case basis.

The following questions are in reference to slide # 27

7. Under MAC when there's no Small Business or less than 2, could we open up the MAC to new MAC awardees? We would work in parameters of current MAC awardees. Ex: All large businesses under a MAC, orders would just be competed to all the large businesses. Or if there were only 1 Small Business and 4 Large, and the rule of two was not met, it would also be competed among all offerors. However, a contract may include a term for rolling admissions that could allow for a Small Business to come in in future, and orders may be set aside depending on market research done prior to solicitation of an order.
8. Is NSWC PD looking at opportunities for disaggregation?
 - a. Maximizing Small business opportunities are a priority and our Deputy for Small Business are involved in our acquisition strategy.
9. Big Blue example: Full and Open contract at base. When Large gets re-competed, Small Businesses are on a MAC. Is it true NSCWPD would continue set-aside at the order level?
 - a. Yes.

The following question is in regards to slide # 30.

10. What actions are in place to communicate with Small Businesses to have these assessments completed and importantly before bidding on non Commercial Off The Shelf acquisitions? It seems to be a challenge for programs who award contracts to many Small Businesses to get the assessment completed.
 - a. Similarly to all contract requirements contractors are expected to understand and comply. The requirement should be stated in the solicitation.