



WELCOME TO NSWCPD Industry Day 2021

No chat functionality.

Please consolidate and submit one email with any questions to NSWCPD DIB FeedbackDIB_Feedback@navy.mil

Slides and attendee participation list will be posted on our NSWPCD website.

Visit NSWCPD website here:

<https://www.navsea.navy.mil/Home/Warfare-Centers/NSWC-Philadelphia/Partnerships/>

Future NSWCPD events:

- Planning to host a future industry matchmaking event to network with our engineering SMEs. Tentatively scheduled Jan 26th
- MSTIC OT Collaboration Event: 2-4 November REGISTRATION OPEN: <https://events.bizzabo.com/MSTIC2201/home>
- PTAC Matchmaking Event Oct 27th: <https://www.eventbrite.com/e/eastern-pa-governmentsupplier-matchmaker-virtual-tickets-194467366127>



Command Overview

Presented to:

Industry

Presented by:

Doris Tung

Code 02

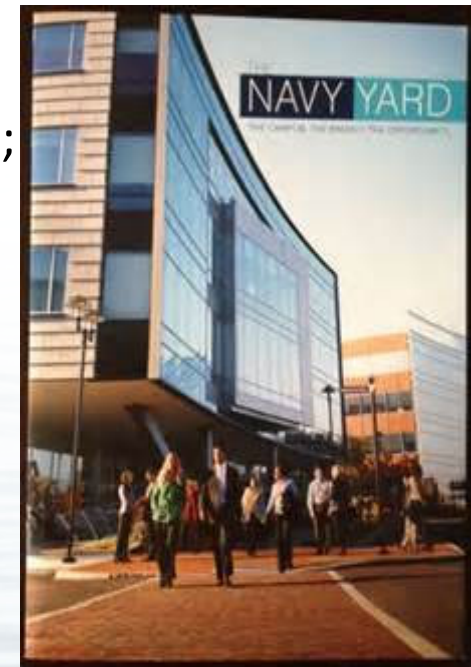
- 20 October 2021 -

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Philadelphia Navy Yard Today

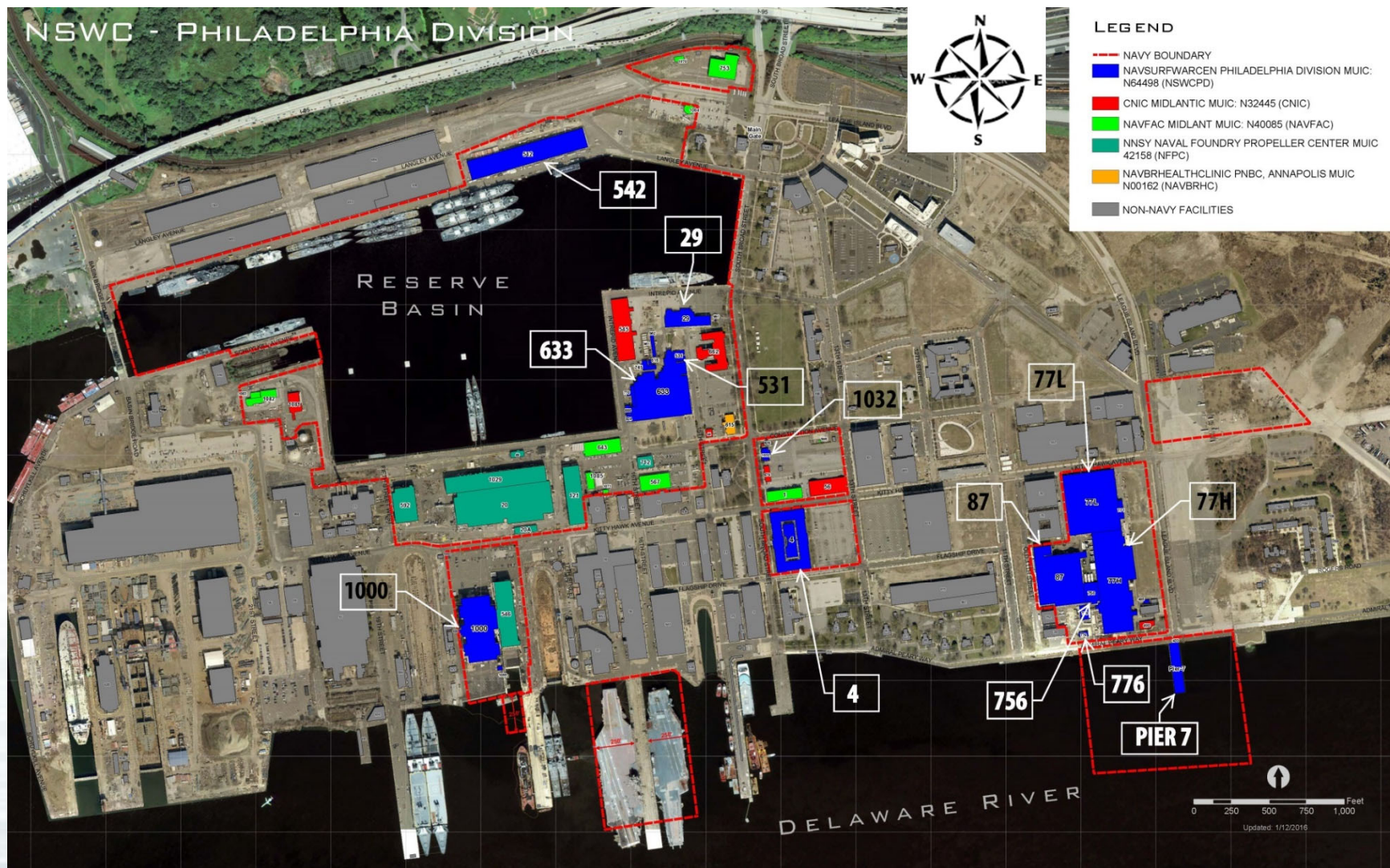
- Philadelphia Industrial Development Corp (PIDC) acquired control in 2000
- \$150M in city funded infrastructure leveraged \$750M private investment
- Navy Yard Campus home to 15,000+ employees and 170 employers in office, industrial, manufacturing, and research and development sectors
- Major Tenants include: Urban Outfitters, Glaxo Smith Kline, Tasty Baking Company, Iroko Pharmaceuticals, Penn State University, Axalta, Jefferson University Hospital and Courtyard Marriott
- Full build out plan: 18.5M sq. ft. development; 30,000 people; 1,000+ residential units; \$3B investment; SEPTA subway extension



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The Navy Yard Map



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Powering Today's Fleet, Empowering Tomorrow's

NSWC Philadelphia Division's Mission is to 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.

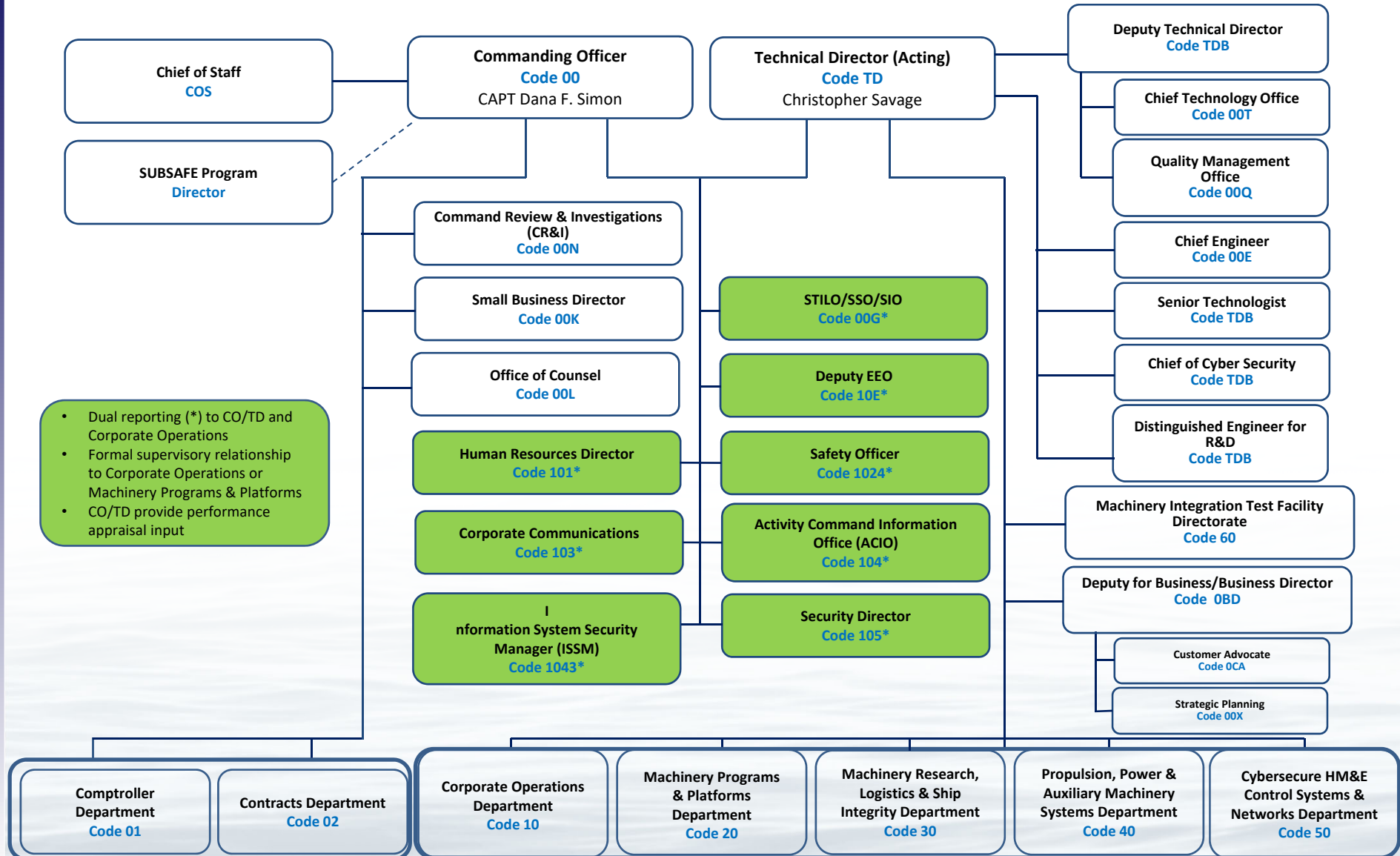


Deliver Innovative, Reliable, Affordable Solutions for the Warfighter

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NSWC Philadelphia Division Organizational Chart



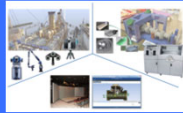
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NSWCPD Organization



Machinery Programs & Platforms



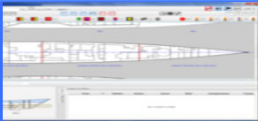
Machinery Research, Logistics & Ship Integrity



Propulsion, Power & Auxiliary Machinery



Cyber-Secure HM&E Control Systems & Cybersecurity Networks

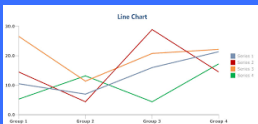


Chief Technology Officer

Survivable, cyber-secure, affordable surface ship, aircraft carrier, and submarine machinery systems throughout their lifecycle – S&T, R&D, T&E, acquisition, ISE, and ILS.



Chief Engineer (CHENG)



Comptroller



Contracts



Corporate Operations



Talent Management & Organizational Development



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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NSWCPD Full Spectrum Engineering

COMNAVSEA PRIORITIES

- On-time Delivery of Ships & Subs
- Improve Warfighter Capability of Ships & Systems
- Cybersecurity

CORPORATE ENGINEERING KNOWLEDGE

- Navy-wide/Cross Platform
- Multi-Class/Across All Hulls
- Synergy Across All Engineering Functions

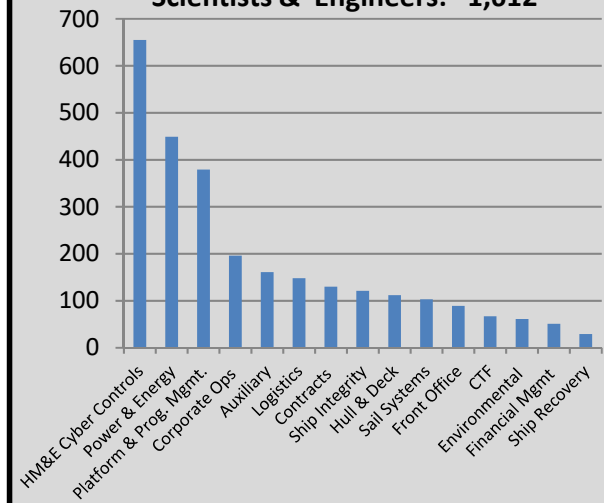
FUNDING

Source	FY20	FY21	EOFY21 Target
Reimbursable	\$651.8M	\$587.9M	\$621.5M
Direct Cite	\$777.4M	\$546.7M	\$730.0M

DELIVERABLES

FY20	FY21	Products
1,240	2,146	Fleet Support
714	1,241	Modernization/ Repairs
1,705	1,855	Distance Support
222	45	Test Events
18,733	29,694	Logistics
2,479	826	Quality Assessments
74,753	4,408	Corporate Operations
4,246	2,506	Contracts
94,403	47,026	Financial

Total Civilian Workforce: 2,751
Scientists & Engineers: 1,612



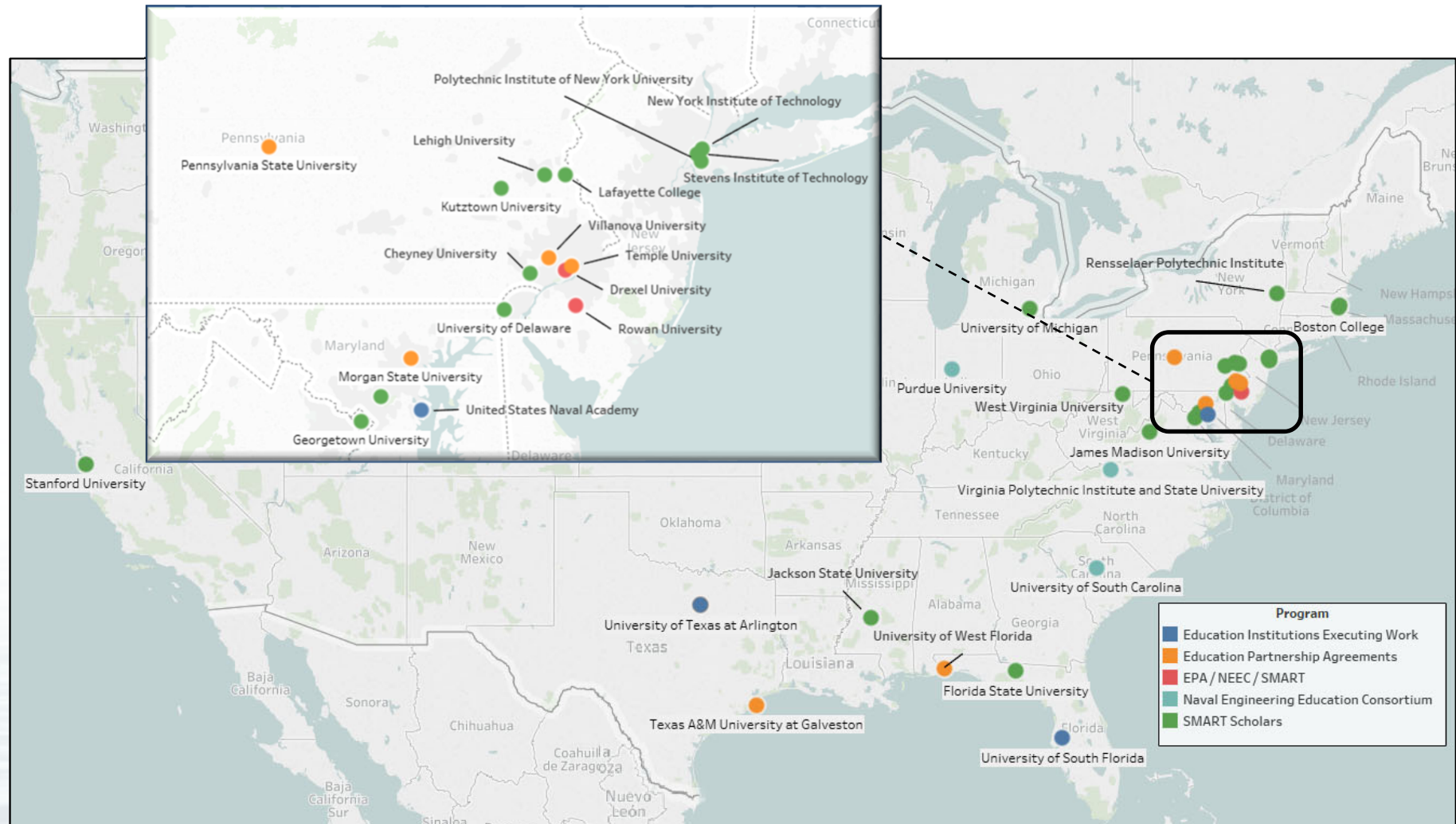
BUILD AN AFFORDABLE FLEET

SUSTAIN THE CURRENT FLEET

SCIENCE & TECHNOLOGY	RESEARCH & DEVELOPMENT	TEST & EVALUATION	ENGINEERING	FLEET SUPPORT
<ul style="list-style-type: none"> • Joint S&T w/ Industry & Academia • Design Studies • Technology Development Roadmaps • Rapid Transition to Applied R&D 	<ul style="list-style-type: none"> • Applied Research • Rapid Prototyping • Analysis of Alternatives • Hardware-in-the-Loop Demonstration 	<ul style="list-style-type: none"> • 107 Test Facilities • Full Scale Machinery System Testing • Shipboard System Testing • Qualification Testing • Software V&V 	<ul style="list-style-type: none"> • Cybersecure Machinery Systems • SW Development • Ship Design and Acquisition • M&S • Affordability through Commonality 	<ul style="list-style-type: none"> • Emergent Issues • Ship Modernization • Integrated Logistics Products • Condition Based Maintenance • Training



University Partners



University partnerships since Philadelphia Division was established on 1 October 2015

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Government Marketing Services

Widener University
Procurement Technical Assistance
Center (PTAC)



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PTAC Overview

- Our mission is to assist businesses learn how to be successful selling to government agencies (federal, state and local)
- Funded by a cooperative agreement with the Defense Logistics Agency (DLA)
- More than 300 locations nationwide
- Three centers in SEPA – Kutztown, Lehigh, Widener
- Part of the Association of Procurement Technical Assistance Centers (APTAC)
- We provide education and one-on-one counseling at no cost to our clients

Learn more about PTAC:

<https://youtu.be/LsJ6q6WZzJE>



FY21 Industry Day

Presented to:

Industry

Presented by:

Doris Tung

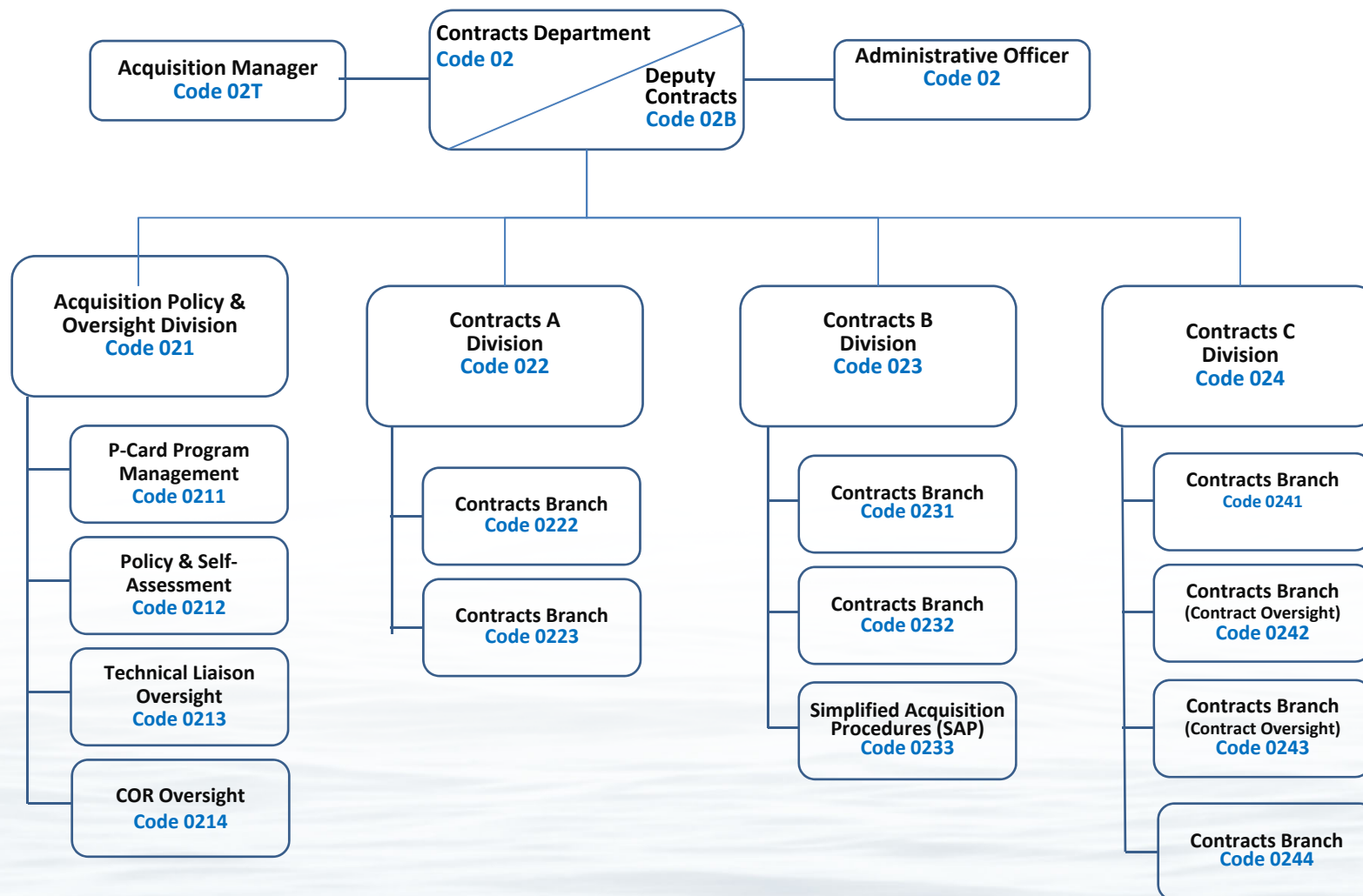
Acq & Policy Oversight Division Head, Code 021

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Code 02 Contracts Department

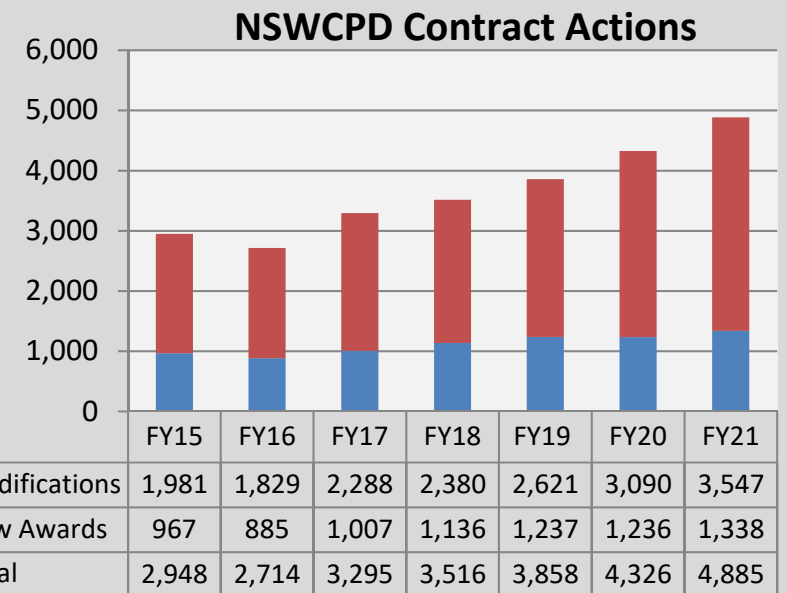
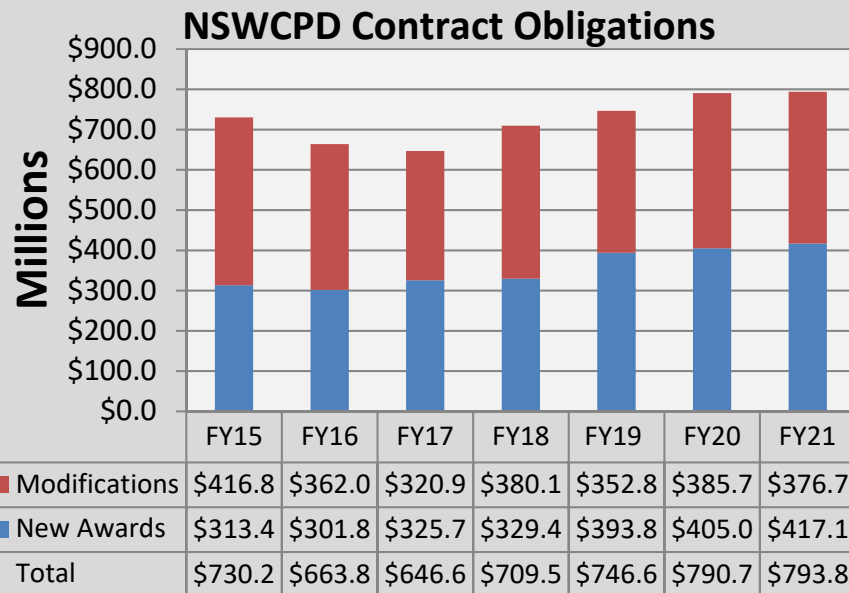


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Contract Obligation Overview



FY 21
NSWCPD COMMAND TOTAL:
 \$1,365 Billion

CONTRACTS:
 \$793.8 (58.15% of Total Obligation Authority)

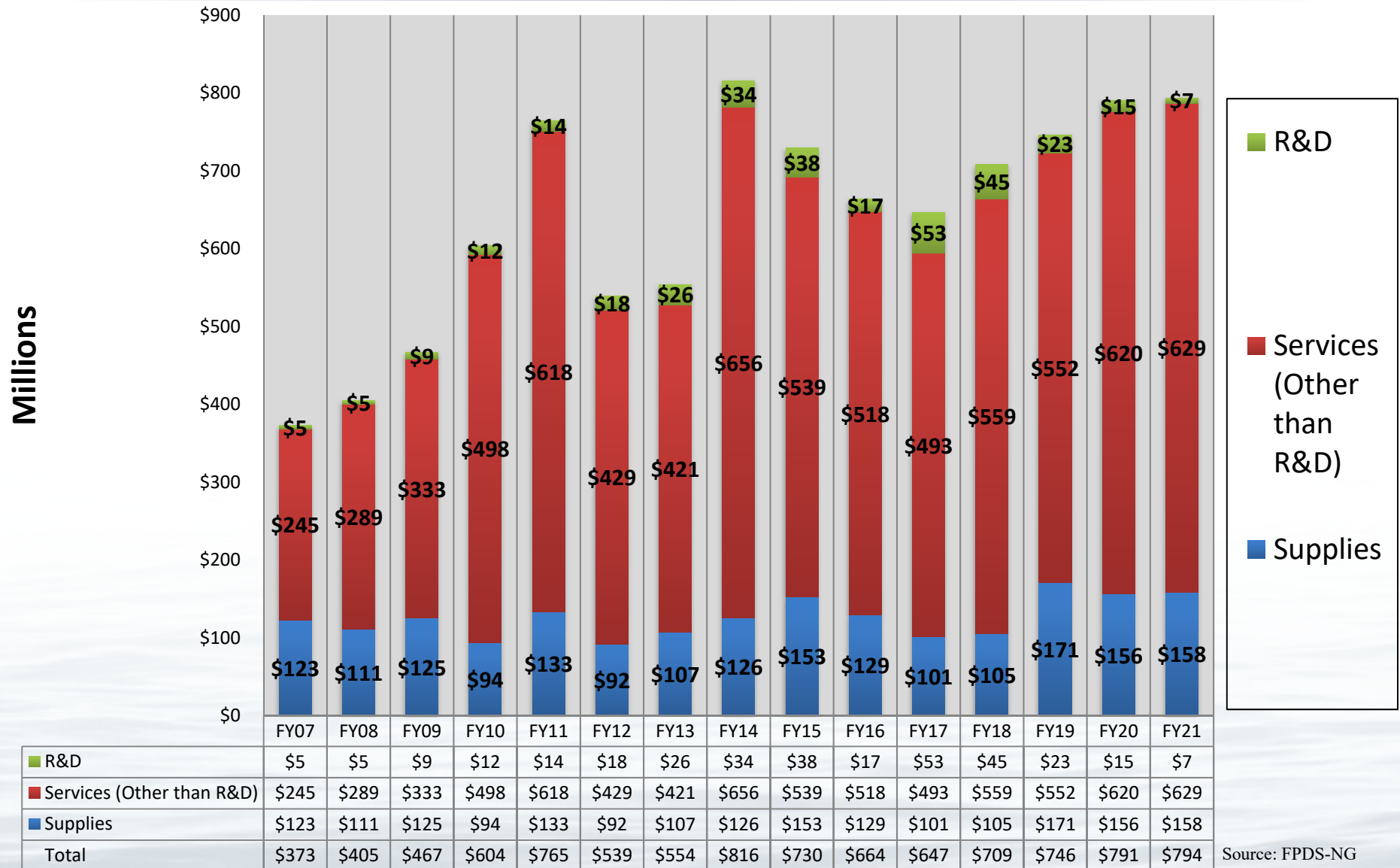
FY22 OBLIGATION PROJECTION

Contracts: \$791M

ACTIVE CONTRACTS (approx)
 1,498 (80% services)



NSWCPD SITE R&D, OTHER ENGINEERING SERVICES, SUPPLIES

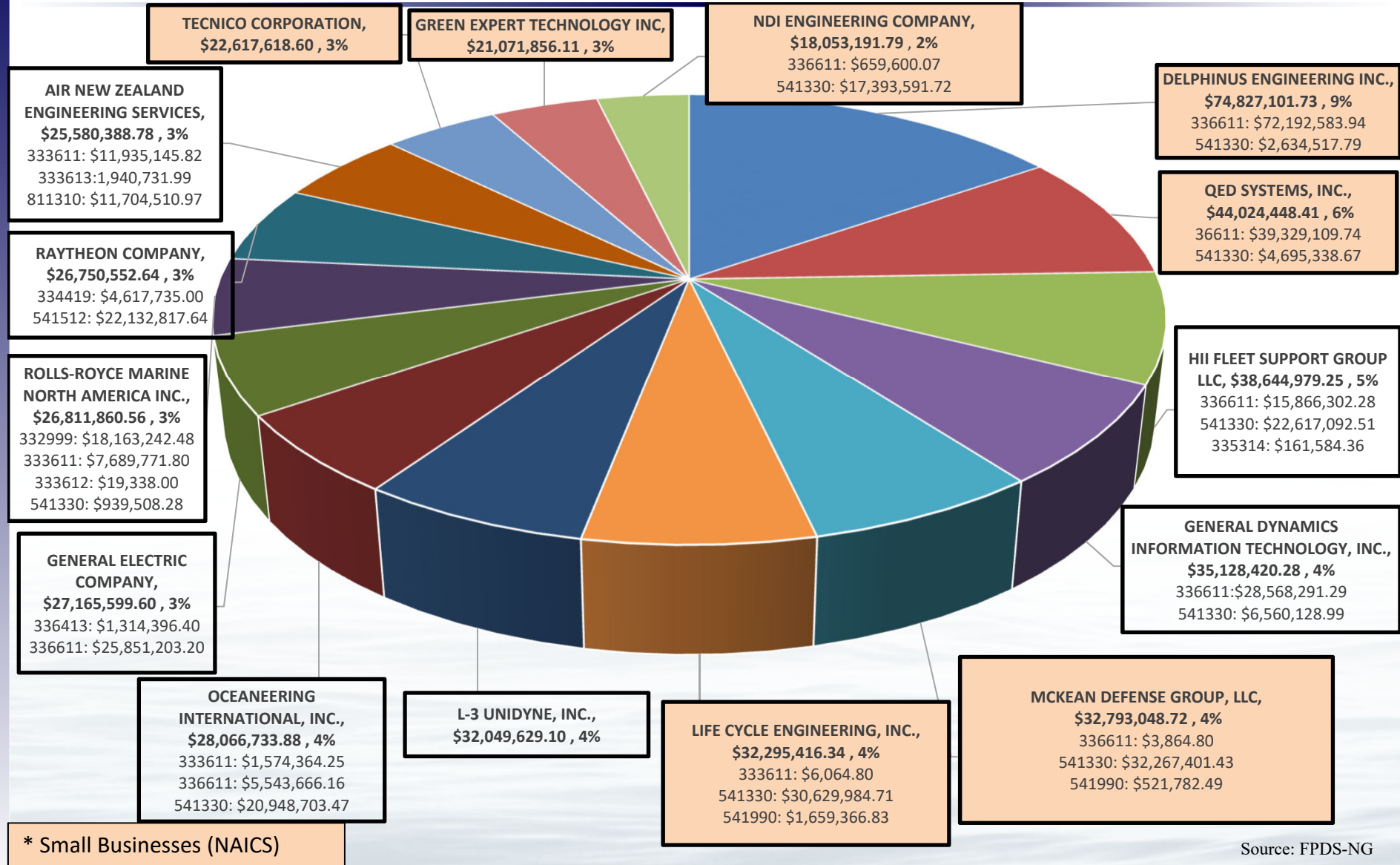


DISTRIBUTION CONTROLLED - Unclassified information (DU) - Distribution unlimited.



Top 15 Contractors - NSWCPD

Total NSWCPD FY21 Obligations - \$794M



Source: FPDS-NG

DISTRIBUTION STATEMENT: Controlled Unclassified Information (CUI) Distribution unlimited.



COVID-19 Impact

- NSWCPD Contracting workforce is currently 100% telework
 - Phased return to the office is planned for Jan 2021
 - Contact your respective NSWCPD contracts POCs via email or phone
- OMB MEMORANDUM FOR THE HEADS OF DEPARTMENTS AND AGENCIES - M-20-16 of March 17, any specifications limiting the ability to telework contained in all NAVSEA and Navy Seaport contracts are suspended until notified otherwise. Contractors are instructed to abide by their official company policies for telework and utilizing alternate locations to perform the Government work called for under the contract.
- Force Health Protection Supplement 23 Revision 1 dated 18 Oct 2021
- On September 9, President Biden signed Executive Order 14042, [Ensuring Adequate COVID Safety Protocols for Federal Contractors](https://www.saferfederalworkforce.gov/contractors/)
<https://www.saferfederalworkforce.gov/contractors/>

FAR Clause 252.223-7999, Ensuring Adequate COVID-19 Safety Protocols for Federal Contractors (Deviation 2021-00009),

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Looking for Opportunities?

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
- Long Range Acquisition Forecast (LRAF) (<https://www.navsea.navy.mil/Business-Partnerships/LRAF/>)
 - Updated semi-annually

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Other Transactional Authority

10 U.S.C. 2371b authority

Scope of Prototype Projects

“shall be used to: “carry out **prototype projects** that are directly relevant to enhancing the mission effectiveness of military personnel and the supporting platforms, systems, components, or materials proposed to be acquired or developed by the Department of Defense, or to improvement of platforms, systems, components, or materials in use by the armed forces.”

The awardee is a non-traditional defense contractor OR a small business

The awardee is a traditional defense contractor, but at least one of the following applies:

- At least one non-traditional contractor is participating to a “significant” extent
- The awardee provides a financial or in-kind cost share – typically, a 1/3 cost share is required. However, the Government should not generally mandate cost-sharing requirements for defense unique items.
- The Service Acquisition Executive makes a written determination that exceptional circumstances justify use of OTA for the purpose of executing innovative business models or structures that would not be feasible or appropriate with a FAR-based contract.

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Other Transactional Authority

Maritime Sustainment Technology Innovation Consortium (MSTIC)

Other Transaction (OT) Agreement: N644982190001

Consortium Manager: Advanced Technology International (ATI)

TECHNOLOGY AREAS

**COTS Obsolescence
and Tech Refresh
Product
Development**

**Data
Transformation**

Cyber

**Fleet Introduction
Technologies**

**Waterfront
Industrial Support
Operations**

**Asset Fabrication,
Revitalization and
Packaging
Innovations**

**Logistic and Supply
Chain Management**

**Research and
Development**

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Other Transactional Authority

November 2 - 3 MSTIC Hybrid Collaboration Event Penn State at Philadelphia Navy Yard

To register for the event, or become a member of the Consortium
visit MSTIC.org or contact mstic@ati.org

Additional Points of Contact:

Agreements Officer (AO): Alicia McPeters, alicia.mcpeters@navy.mil

OT Contracts PM: Jacob Udell, jacob.udell@navy.mil

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FAR 42.704 Revising Billing Rates

BEST PRACTICE Revision of Indirect Rates:

FAR 42.704 permits revisions to billing rates (contractors may request).

Purpose: To prevent substantial overpayment or underpayment of costs.

Timing of Revisions:

- a. When billed vs actual indirect rates identifies substantial overpayment or underpayment (determined by contractor monitoring of rates).
- b. At a contractor's year-end, indirect rates may be revised to reflect a contractor's fiscal year historical indirect rates.

What to Do After Rates are Revised: You should submit a voucher in WAWF for payment or refund resulting from the cost impact.

Why You Should Revise Your Indirect Rates:

- a. You'll reduce the risk of incurring costs in excess of the funded amount, and not getting paid for those costs.
- b. You'll reduce risk of under-billing costs, and not having access to the under-billed costs until finalization of the indirect rates.
- c. You'll reduce risk of over-billing costs, and the need to pay the Government significant costs at the time rates are finalized.

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Adequate Accounting System

- Old Process: DCAA's review of a contractor's accounting system did not start until solicitation was issued, contractor bid, and PCO contacted DCAA with their request.
- Proactive Process: Generate list of contractors who do not have an approved accounting system but are interested in bidding on cost type contracts through following methods:
 - Industry Day
 - NSWCPD Small Business Professional
 - Continuous monitoring
- NSWCPD will provide DCAA accounting system review checklist to interested contractors.



DCAA Checklist

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Adequate Accounting System (Cont.)

Preaward Accounting System Audit

- Evaluates design of Accounting System to determine if it is acceptable for prospective contract
- Contractor should be prepared to demonstrate how the accounting system design satisfies SF 1408 criteria
- DCAA Audit Report



SF 1408

Acceptable Accounting System

- DFARS 252.242-7006(a)(1) defines an acceptable accounting system as:
- “a system that complies with the system criteria in paragraph (c) of this clause to provide reasonable assurance that—
 - (i) Applicable laws and regulations are complied with;
 - (ii) The accounting system and cost data are reliable;
 - (iii) Risk of misallocations and mischarges are minimized; and
 - (iv) Contract allocations and charges are consistent with billing procedures.”

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Acceptable Accounting System (Cont.)

DFARS 252.242-7006(a)(2) defines an accounting system as:

“the Contractor’s system or systems for accounting methods, procedures, and controls established to gather, record, classify, analyze, summarize, interpret, and present accurate and timely financial data for reporting in compliance with applicable laws, regulations, and management decisions”

May include subsystems for specific areas such as:

- Billing
- Labor
- The accounting system must be able to accumulate and report the costs for each final cost objective; i.e., government contract.
 - Direct costs of the contract, plus
 - Allocation of applicable indirect costs, less
 - Unallowable Costs
- DFARS 252.242-7006(c)
 - 18 criteria

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Acceptable Accounting System (Cont.)

Upon award of cost-type contracts:

- Provisional Billing Rates
- Interim vouchers with adequate supporting documentation in WAWF
- Potential floorcheck/postaward audit
- A contractor needs to be up to date on its submission of **adequate** final indirect cost rate proposal (incurred cost proposal) in accordance with contract terms, if applicable
- A contractor needs to submit final vouchers within 120 days after settlement of applicable final indirect costs rates for all years as required by FAR 52.216-7(d)(5)

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Acceptable Accounting System (Cont.)

Name	Title	Phone	Email
Lou Nocella	Contract Price/Cost Analyst	(215) 897-2943	Louis.Nocella@navy.mil
Sandy Lupton	Contract Price/Cost Analyst	(215) 897-2186	Sandra.Lupton@navy.mil
Gerald Furey	Small Business Professional	(215) 897-1348	Gerald.Furey@navy.mil

- If you have further questions regarding preparing your Accounting System for DCAA review please contact one of the POCs listed above.

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Contract Closeout

General Information

- Contract closeout occurs when a contractor has met all the terms of a contract and all administrative actions have been completed, all disputes settled, and final payment has been made. This includes administrative actions that are contractually required; i.e. return of Government property.
- FAR 4-804:
 - FFP closeout = 6 months after contract physical completion.
 - Cost-Reimbursable closeout – within 36 months after contract physical completion.

Benefit of Closeouts For Contractors

- Receiving the final settled amount potentially owed, in a more-timely manner.
- Obtain any fee withholds.
- Ability to dispose of contract records quicker.



Contract Closeout (cont.)

Submitting Final Invoices:

Fixed Price Contracts

- Under \$500k will auto close within WAWF, as long no exceptions are met per PGI 204-804-3 & voucher is marked as "Final"
- Over \$500K – Final Voucher submitted to Administrative Office and the Government will process closeout.

Cost Type Contracts

- FAR 42.705 (b) requires Contractors to submit Final vouchers reflecting the settled amounts and rates within 120 days after settlement of the final annual indirect cost rates for all years of a physically complete contract.

Pursue QCO

- Quick closeout (QCO) can be pursued for completed contracts, where final rate settlements have not been executed for the POP years.
- QCO rates will be established if: (i) no risks FAR 42.708 risks are identified and (ii) the KTR and Gov't agree on decrements; if needed.
- Total unsettled direct & indirect costs to be allocated to any one contract, task order, or delivery order does not exceed \$2m



Contract Closeout (cont.)

Reminder of Two Areas That Require Attention When Closing Out Contracts:

Subcontractors Settled

- Prime contractor should ensure subcontractor open billings have been settled, paid and closed out timely, prior to final voucher submission.

Deliverables, GFP, Security, Patents, & Royalties

- GFP should be returned once contract is physically completed.
- GFP Disposition Coordination should be made with the SME & COR on the contract.
- KTR confirm all deliverables have been shipped (submit Z DD Form 250), any classified documentation has been properly handled and any patent and royalty reporting requirements have been completed based on the clauses included in the contract.



What Is an NIST Assessment in SPRS?

DFARS clause 252.204-7012 states that to provide adequate security, the 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.

- Contractors will be assessed on their implementation of NIST SP 800-171.
- Levels of Assessment:
 - High
 - Medium
 - Basic
- More information on NIST Requirements can be found on the following link: <https://www.acq.osd.mil/dpap/pdi/cyber/docs/NIST%20SP%20800-171%20Assessment%20Methodology%20Version%201.2.1%20%206.24.2020.pdf>



What Is an NIST Assessment in SPRS?

The Contractor can perform a self-assessment. Guidance is contained in clauses 252.204-7019 and 7020. FAQ's and step by step instructions for Contractors located here:

<https://www.sprs.csd.disa.mil/>

Fill out the assessment located here:

<https://www.acq.osd.mil/dpap/pdi/cyber/docs/NIST%20SP%20800-171%20Assessment%20Methodology%20Version%201.2.1%20%206.24.2020.pdf>

Send it to webptsmh@navy.mil with copy to the PCO.



NIST Assessment Resources- MEP and MPP

- **Manufacturing Extension Partnership (MEP)**
 - <https://www.nist.gov/mep/cybersecurity-resources-manufacturers>.
- *Cybersecurity for Defense Industrial Base Mentor-Protégé Program (MPP) Pilot.* [The Department of Defense \(DoD\) Mentor-Protégé Program](#) helps eligible small businesses expand their footprint in the defense industrial base (DIB).
- The **primary goal** of the *MPP Pilot Program* is to enroll MPP participants and other select companies in the Manufacturing, Research and Development, and Knowledge-based service sectors to increase cybersecurity compliance and cyber incident reporting and hygiene.
 - Eligible participant's for the Mentor Protege Program (MPP) Pilot include those with Mentor Protege agreements ending in 2019-2020, any current agreements, as well as any new agreements.
 - By the conclusion of the *MPP Pilot Program*, participants should be able to:
 - Show increased awareness of, and compliance with, [NIST SP 800-171](#).
 - Demonstrate readiness for [Cybersecurity Maturity Model Certification \(CMMC\)](#) accreditation.



Department 10 Corporate Operations

Industry Day Brief 2021

Presented by:

Rayann Surel

Department C/10 Acquisition Manager

20 October 2021

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Department 10 - Corporate Operations

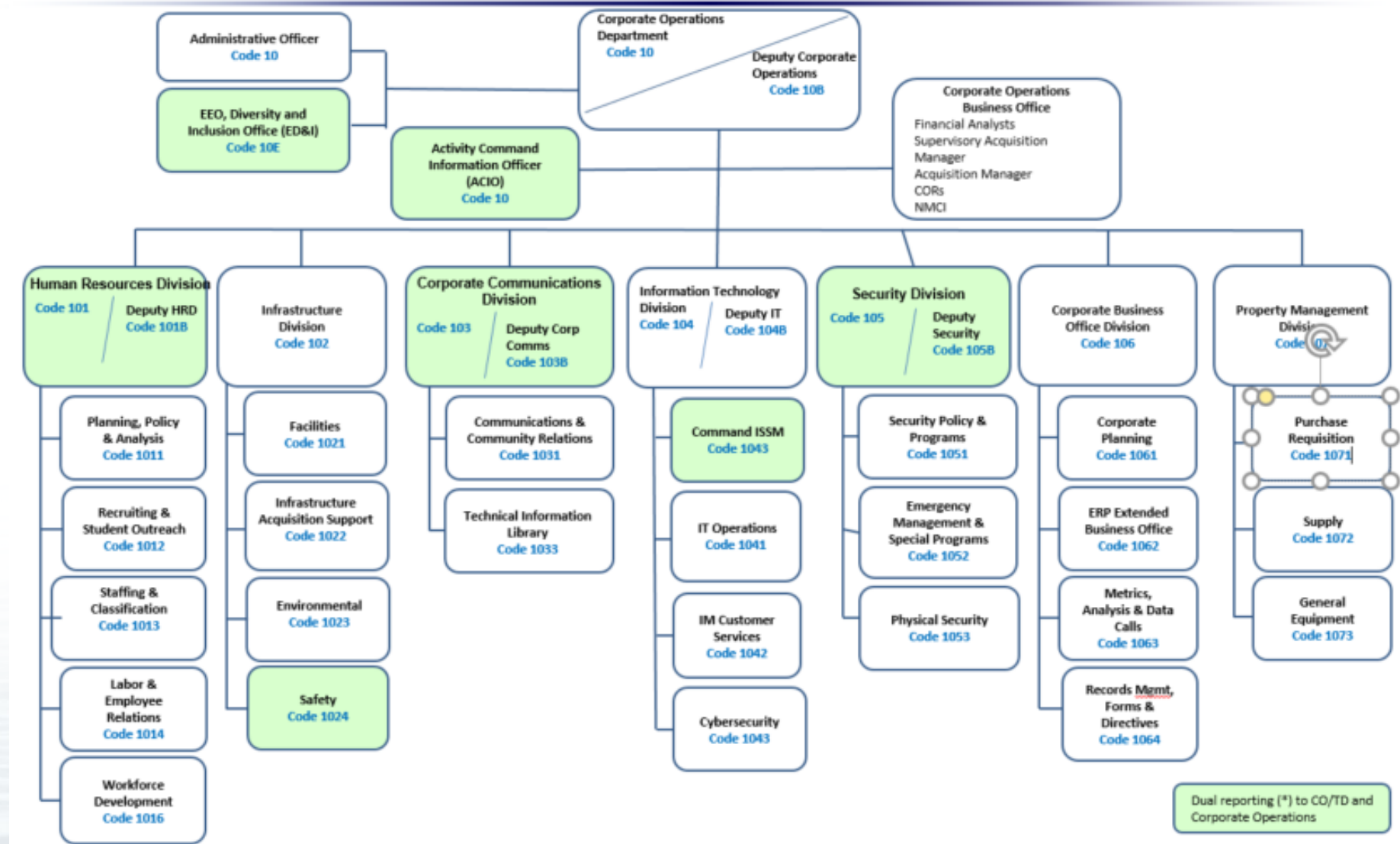
Mission Statement:

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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Corporate Operations – Dept. 10

Expanding the Advantage

OTD of Ships/Subs Warfighting Capability & Reliability Cybersecurity Affordability HVL

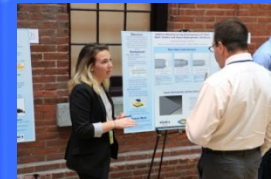


Infrastructure
Construction, Sustainment,
Repair & Maintenance

- Facilities Maintenance & Planning
- Utilities & Energy Management
- Design & Construction Project Management
- MILCON & MINCON Investments
- Weight Handling Program Management



- Environmental Compliance
- Workplace Hazards, Occupational Health
- Hazard Abatement & Fall Protection
- Ergonomics



Talent Management

- Student Outreach & STEM Programs
- Diversity Recruitment
- Onboarding & Mentoring
- High Velocity Learning
- Career Planning



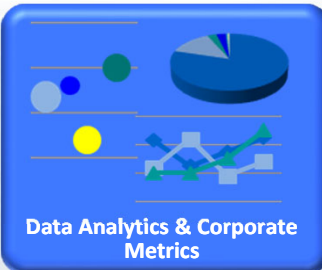
Security

- Personnel & Physical Security
- Antiterrorism & Force Protection
- Information & Industrial Security
- Emergency Management
- Continuity of Operations
- OPSEC & COMSEC



Communications

- Visual Information
- Internal Comms/Community Relations
- Events, Exhibits, Protocol Ops



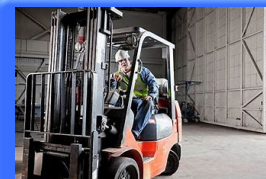
Data Analytics & Corporate Metrics

- Corporate Metrics
- Capacity & Competency Investments
- Managers Internal Control Program
- Affordability Initiatives
- Command Directives



**Information Management/
Information Technology**

- Network/Server Defense Systems Ops & Infrastructure
- IT Storage Solutions
- Wireless Device Management



Material / Property Management

- Physical Inventory of General Equipment & Operating Materials & Supplies
- Product Data Reporting & Evaluation Program



**Ashore
Cybersecurity (CS)**

- CS Policy, Hygiene & Compliance
- Assessment & Authorization
- Cyber Monitoring & Incident Response



**Human Capital
Capacity &
Competency**

- Recruitment
- Developmental Training
- Labor & Employee Relations
- Union-Management Relations

Provide foundational, cost efficient, tactical and strategic business operations solutions critical for optimal performance of NSWCPD's core equities and technical capabilities, allowing NSWCPD to remain the Navy's primary choice for Hull, Mechanical & Electrical (HM&E) Machinery Systems.

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Department 10 Staff - Code 10B

Future Service Contracts		
Brief Description	Est. Dollar Value	Anticipated Announcement Date (QTR / FY)
Administrative Support Services	\$1.4M annually	1 st QTR FY22

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Human Resources Division – Code 101

Current Service Contracts		
Brief Description	Dollar value	Concludes (QTR, FY)
Human Resource Specialist Contractor Support Services	\$3M	1st QTR FY21
Human Resources Technician Contractor Support Services	\$2.3M	4 th QTR FY25
Interpreter Services	\$ 232K	4th QTR FY23

Future Service Contracts		
Brief Description	Est. Dollar Value	Anticipated Announcement Date (QTR / FY)
Command Awards Writer Services	\$500k	2nd QTR FY22

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Infrastructure Division – Code 102

Current Service Contracts		
Brief Description	Dollar Value	Concludes (QTR, FY)
Office Moving and Furniture Installation Services	\$2M	4th QTR FY22
Infrastructure Support Services (admin services, CAD services, field surveys, service desk back-up, safety and environmental services)	\$10M	1st QTR FY25
Lighting Maintenance Contract	\$2M	1 st QTR FY26

Future Service Contracts		
Brief Description	Est. Dollar Value	Anticipated Announcement Date (QTR / FY)
Elevator Maintenance Contract	\$2M	1 st QTR FY22
Cooling Water System Maintenance Contract	\$1M	2 nd QTR FY22
Office Moving and Furniture Installation Services	\$2M	2 nd QTR FY22

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Public Affairs Division – Code 103

Current Service Contracts		
Brief Description	Dollar Value	Concludes (QTR, FY)
Graphic Visual Imagery/Writer Services	\$1M	3rd QTR FY22
Communications Specialist/Graphic Designer/Multimedia Specialist Services	\$3M	3rd QTR FY25

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Information Technology Division – Code 104

Current Service Contracts		
Brief Description	Dollar value (Annually)	Concludes (QTR, FY)
NMCI/IT Support Services (NMCI support, RDT&E network support, NGEN, IT customer support for NSWCPD)	\$7M Annually	2nd QTR FY25
Cybersecurity/Information Assurance Support Services (Navy validators, RMF, ISSO/ISSEs, IA policy, cyber, software programming for NSWCPD)	\$11M Annually	2nd QTR FY25

Potential Future Service Contracts		
Brief Description	Est. Dollar Value	Anticipated Announcement Date (QTR / FY)
Program Management Services	\$500K annually	3rd QTR FY22

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 DISTRIBUTION STATEMENT A: Approved for public release; distribution unlimited.



Security Division – Code 105

Current Service Contracts		
Brief Description	Dollar value (Annually)	Concludes (QTR, FY)
Access Control Services	\$ 2.4M annually	4th QTR FY23
Security Maintenance Services	\$200K annually	2nd QTR FY24

Future Contracts		
Brief Description	Est. Dollar Value (Annually)	Anticipated Announcement Date (QTR / FY)
Security Contractor Support Services (Physical, Personnel, and Information Security)	\$1M annually	2nd QTR FY21

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DISTRIBUTION STATEMENT A: Approved for public release; distribution unlimited.



Corporate Business Office Division - Code 106

Current Service Contracts		
Brief Description	Dollar Value	Concludes (QTR / FY)
Tech Writer and Records Management Support Services	\$2.7M	2nd QTR FY23

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DISTRIBUTION STATEMENT A: Approved for public release: distribution unlimited.



Property Management Division – Code 107

Current Service Contracts		
Brief Description	Dollar value	Concludes (QTR, FY)
Operating, Materials and Supplies (OM&S); General Equipment; Plant Property & Equipment/Asset Management; and Purchase Requisition Support Services	\$ 25M	4th QTR FY25
Forklift Rental/Maintenance Services	\$1M	1st QTR FY23

Distribution Statement A: Approved for public release; distribution unlimited
DISTRIBUTION STATEMENT A: Approved for public release; distribution unlimited.



Department 10 Contractors

- Caduceus – Human Resources Support Services
- CC&C Management – Office/Furniture Moving Services
- EHS Technologies – Infrastructure Support Services
- Schatz Publishing Group – Writer and Graphics Specialist Support Srvcs
- Vox Optima – Public Affairs Support Services
- EHS Technologies – NMCI/IT Support Services
- Herren Associates – Cybersecurity/IA Support Services
- Signet Technologies – Security Sytem Maintenance Services
- Fedwriters (Cogenta) – Tech Writer/Records Mgmt Support Services
- Adsync Technologies – OM&S, GE, PR Support Services
- Security 1 Solutions (S1S) – Access Control Personnel (ACPs) Services



Industry Day Brief Department 20

Presented to:

Industry Day

Presented by:

Debra Dezendorf

Acquisition Manager
Department 20 and Naval Foundry and Propeller Center

- 20 October 2021 -

Distribution Statement A: Approved for public release: distribution unlimited



Department 20

Machinery Programs and Platforms

Mission Statement:

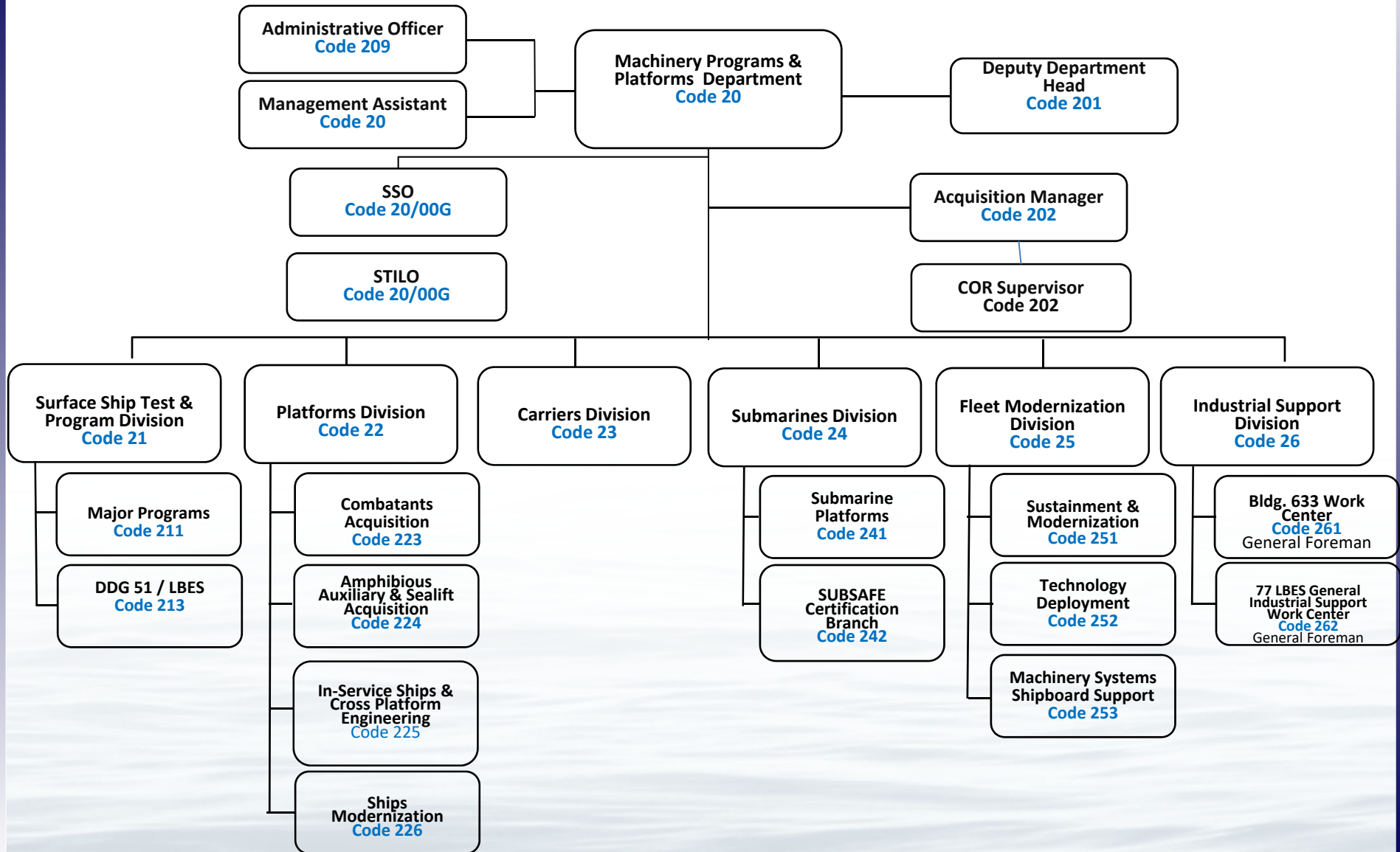
Provide program and platform leadership to the Command and the Navy to execute Hull, Mechanical and Electrical (HM&E) Machinery System integration initiatives through the successful management of Research and Development, Acquisition, Test and Evaluation, In-Service Engineering and Modernization programs. 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 – Department 20 Organizational Chart



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Full Spectrum Engineering

Build An Affordable Future Fleet

Sustain the Current Fleet

Science & Technology	Research & Development	Test & Evaluation	Engineering	Fleet Support
<ul style="list-style-type: none"> • Applied Research • System Research/Analysis • Concept Exploration and Design Studies • Distributed Computation & Predictive Modeling • Systems Technology Development Roadmaps • Cooperative Research with Industry and Academia • Technology Stewardship 	<ul style="list-style-type: none"> • Proof of Concepts • Hardware & Component Development • Proof of Principle Demonstrations • Advanced Machinery Systems Integration • Analysis of Alternatives • Center for Innovative Machinery Design and Integration (CIMDI) 	<ul style="list-style-type: none"> • Over 120 Test Facilities • Full Scale Machinery System Testing • Total Life Cycle HM&E System Design, Test, and Evaluation • Shipboard System Testing • Qualification Testing • Operational Assessment • Systems and Software Verification and Validation 	<ul style="list-style-type: none"> • Systems Engineering • Software Development • Integrated Systems Design • Ship Design and Acquisition Support • Life Cycle Management and Technical Health Assessment • Modeling and Simulation 	<ul style="list-style-type: none"> • Emergent Engineering Support • Ship Modernization • Integrated Logistics Products • Machinery Maintenance Requirements • Condition Based Maintenance and Assessment • Training

Facility Complexes

Propulsion & Power Systems

Auxiliary & Life Support Systems

Machinery Network, Sensors & Undersea Vehicle Sail Data Systems

Cargo, Weapons Handling & Hull Systems

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NAVSEA WARFARE CENTERS



Competitive Contract Requirements

Department 20 Projected FY 22 Announcements

Description	ROM	Anticipated Announcement Date (FY/QTR)	Requiring Technical Code
Test Site Design - MAC	\$45,000,00	22/Q1	21
Major Test Site Outfitting - MAC	\$70,000,000	22/Q2	21
Integrated Master Schedule Support - Seaport	\$35,000,000	22/Q1	22
Ship Modernization Programmatic Support	\$20,000,000	22/Q1	226
Ship Modernization Waterfront Support	\$20,000,000	22/Q1	226

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Naval Foundry and Propeller Center - NFPC

Mission Statement:

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



Competitive Contract Requirements NFPC Projected FY 22 Announcements

Description	ROM	Anticipated Announcement Date (FY/QTR)	Requiring Technical Code

DISTRIBUTION STATEMENT A: Approved for public release: distribution unlimited.



NSWCPCD C/30 Industry Day Brief

Daniel Wheeler
Acquisition Manager
C/302

- 20 October 2021 -

Distribution Statement A: Approved for public release: distribution unlimited



Department 30

Machinery Research, Logistics & Ship Integrity

Mission Statement:

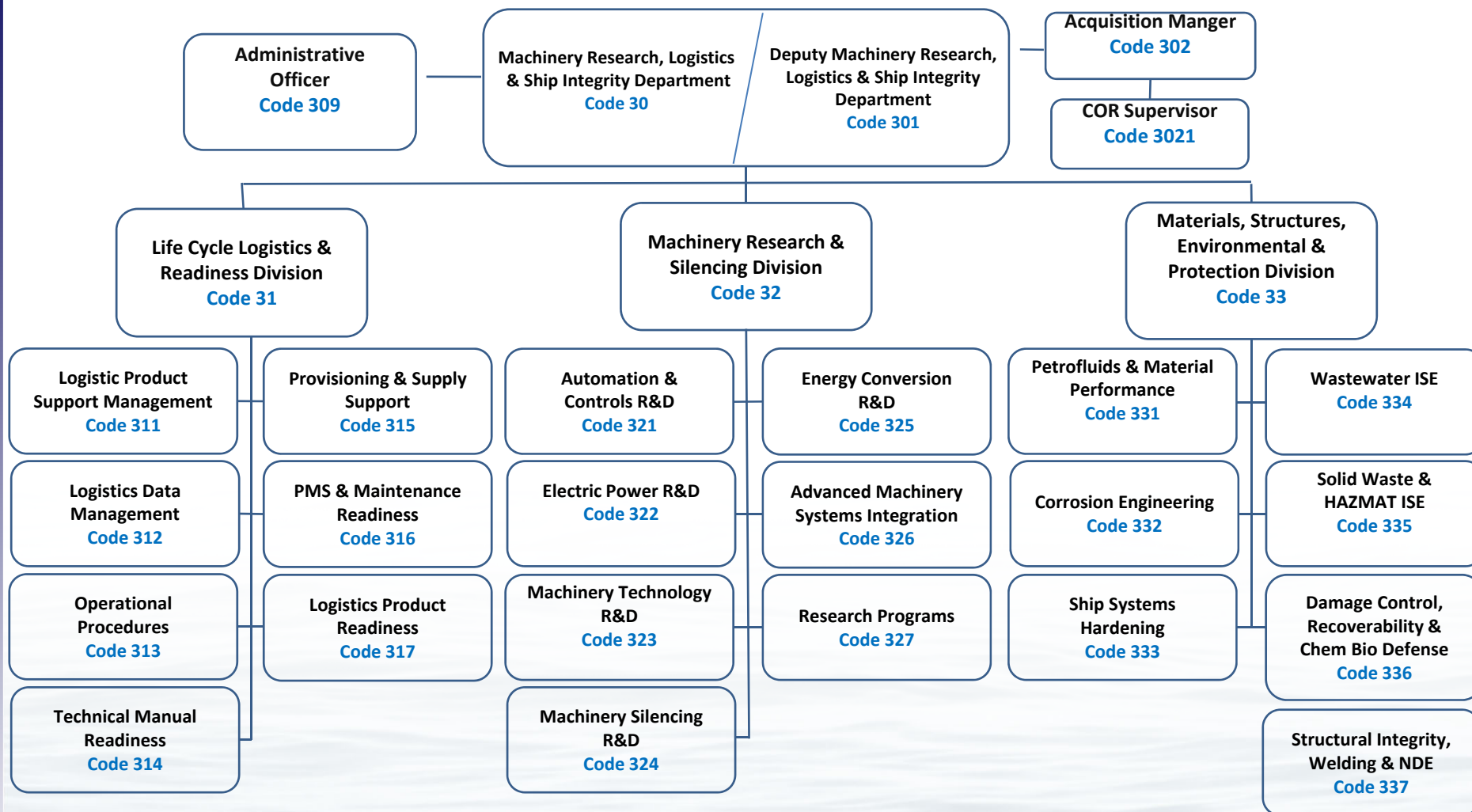
Provide leadership, management, and execution of the Navy's Machinery Hull, Mechanical, and Electrical (HM&E) research and development, ship integrity, environmental compliance and protection, system calibration, and logistics and training initiatives. These programs and products support the Command's 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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DISTRIBUTION STATEMENT A: Approved for public release: distribution unlimited.



Competitive Contract Requirements – Projected FY22 Announcements

Brief Description	ROM	Anticipated Announcement Date (FY/QTR)	Requiring Technical Code
R&D Support Services (SEAPORT)	\$24M	FY22/Q1	32
R&D Energy Conversion Program and Engineering Support Services (SEAPORT)	\$28M	FY22/Q1	325
Damage Control, LBF and Fire Fighting Engineering Services (SEAPORT)	\$10M	FY22/Q2	336
Production and delivery of Lithium Battery Lockers (Supply)	\$10M	FY22/Q2	335
Modernization of the Propulsion System Test Device (PSTD-M) Electronic Throttle Control Unit (ETCU)	\$17M	FY22/Q3	327
Engineering Operational Sequencing System (EOSS) Support Services	\$15M	FY23Q1	313

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BACK UP

DISTRIBUTION STATEMENT A: Approved for public release: distribution unlimited.



Sole Source and Canceled Contract Requirements –

Brief Description	ROM	Anticipated Announcement Date (FY/QTR)	Requiring Technical Code
(Sole Source-Rolls Royce)-Gas Turbine Material Improvements Detailed Design Support	\$8M	FY22/Q4	325
(Canceled Requirement)-American Super Conductor Engineering Services	\$5M	NA	325



Industry Day Brief

Presented to:

NSWCPD Industry Day 2021

Presented by:

Karen Dunlevy-Miller

Propulsion, Power, & Auxiliary Machinery, Department 40

Desiree Deshmukh and Brendan McCoy

Acquisition Managers, C/402

- 20 October 2021 -

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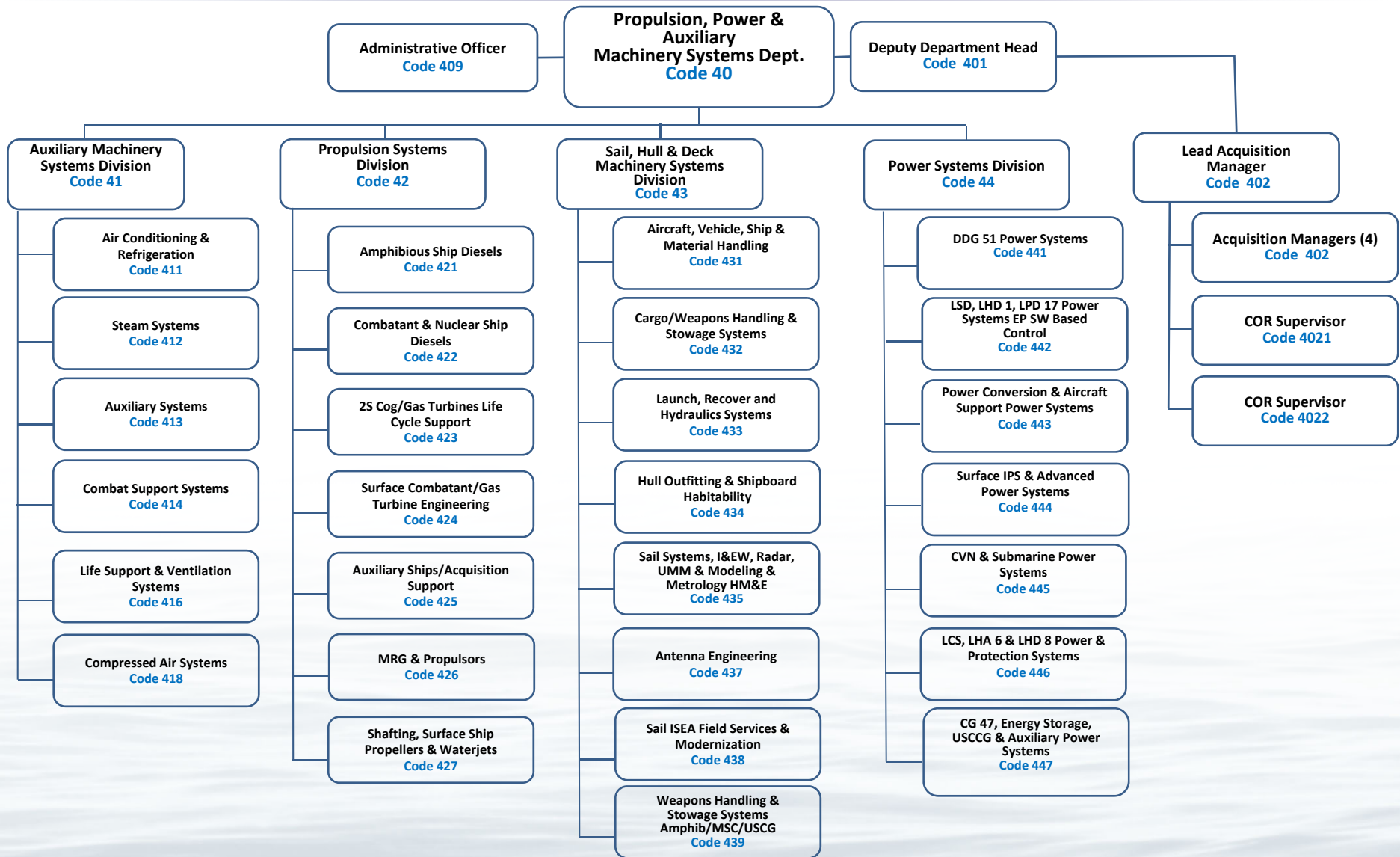
Department 40

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: distribution unlimited.



Competitive Contract Requirements – Projected FY22 Announcements

Brief Description	ROM	Anticipated Announcement Date (FY/QTR)	Requiring Technical Code
NCA Prototype Manufacturing & Qualification *	\$500K	FY22/Q2	414
NCA Design, Prototype, & Qualification	\$1M	FY22/Q2	414
Saturn T-1302 Engine Repairs	\$5M	FY22/Q1	423
Engineering and Technical Services for Marine Gas Turbines (SEAPORT)	\$3M	FY22/Q2	423
Gas Generator Repair	\$35M	FY22/Q2	423

* High interest for understanding general industry fabrication and manufacturing capabilities across various types of requirements.



Competitive Contract Requirements – Projected FY22 Announcements

Brief Description	ROM	Anticipated Announcement Date (FY/QTR)	Requiring Technical Code
Low Pressure Turbine Blade & Vane Repair	\$5M	FY22/Q2	424
Blade & Vane Repair Spec Development	\$250K	FY22/Q3	424
RADCON Engine Services	\$14M	FY22/Q2	424
Engineering and Technical Services for Towed Buoys (Small Business)	\$40M	FY22/Q1	437
Engineering and Technical Services for Sub marine Communication Systems	\$50M	FY22/Q2	437
Engineering and Technical Services for Submarine Sails (SEAPORT)	\$10M	FY22/Q2	438
Engineering and Technical Services for Sail, Hull, Deck, & Auxiliary Machinery Systems	\$400M	FY22/Q4	41/43



BACKUP: Sole Source Contract Requirements – Projected FY22 Announcements

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Sole Source Contract Requirements – Projected FY22 Announcements

Brief Description	ROM	Anticipated Announcement Date (FY/QTR)	Requiring Technical Code
Computer Aided Radiography Inspection (Applus)	\$5M	FY22/Q1	412
CAMS Material Contract (Collins)	\$5M	FY22/Q1	416
Engineering and Technical Services for Diesel Engines (Fincantieri)	\$15M	FY22/Q1	422
Turbine Engine Repair (Rolls Royce)	\$5M	FY22/Q2	424
On Site Representative Engineering Support (Ghostrock)	\$15M	FY22/Q3	425
LCAC Gearbox Test Stands Repair & Overhaul (CGS Inc)	\$1M	FY22/Q2	426

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Sole Source Contract Requirements – Projected FY22 Announcements

Brief Description	ROM	Anticipated Announcement Date (FY/QTR)	Requiring Technical Code
WDI Engineering Services (Wartsilla)	\$1M	FY22/Q2	427
CPP Blade Universal Balance Arbor Material Contract (Rolls Royce)	\$500K	FY22/Q1	427
Engineering and Technical Services for Knuckleboom Crane (Allied)	\$25M	FY22/Q2	433
Circuit Breaker Obsolescence Management (SPD)	\$10M	FY22/Q1	446
Material BOA (GE)	\$110M	FY22/Q3	424
Material BOA (Rolls Royce)	\$100M	FY22/Q4	424



Department 50 Cybersecure Machinery Control Systems and Networks Department Overview

Presented to:

NSWCPD Industry Day

Presented by:

Mr. Chris Povorotney
Department 50 COR Supervisor

- 20 Oct 2021 -

Distribution Statement A: Approved for Public Release; distribution is unlimited.



Cybersecure Machinery Control Systems & Networks - Department 50

MISSION:

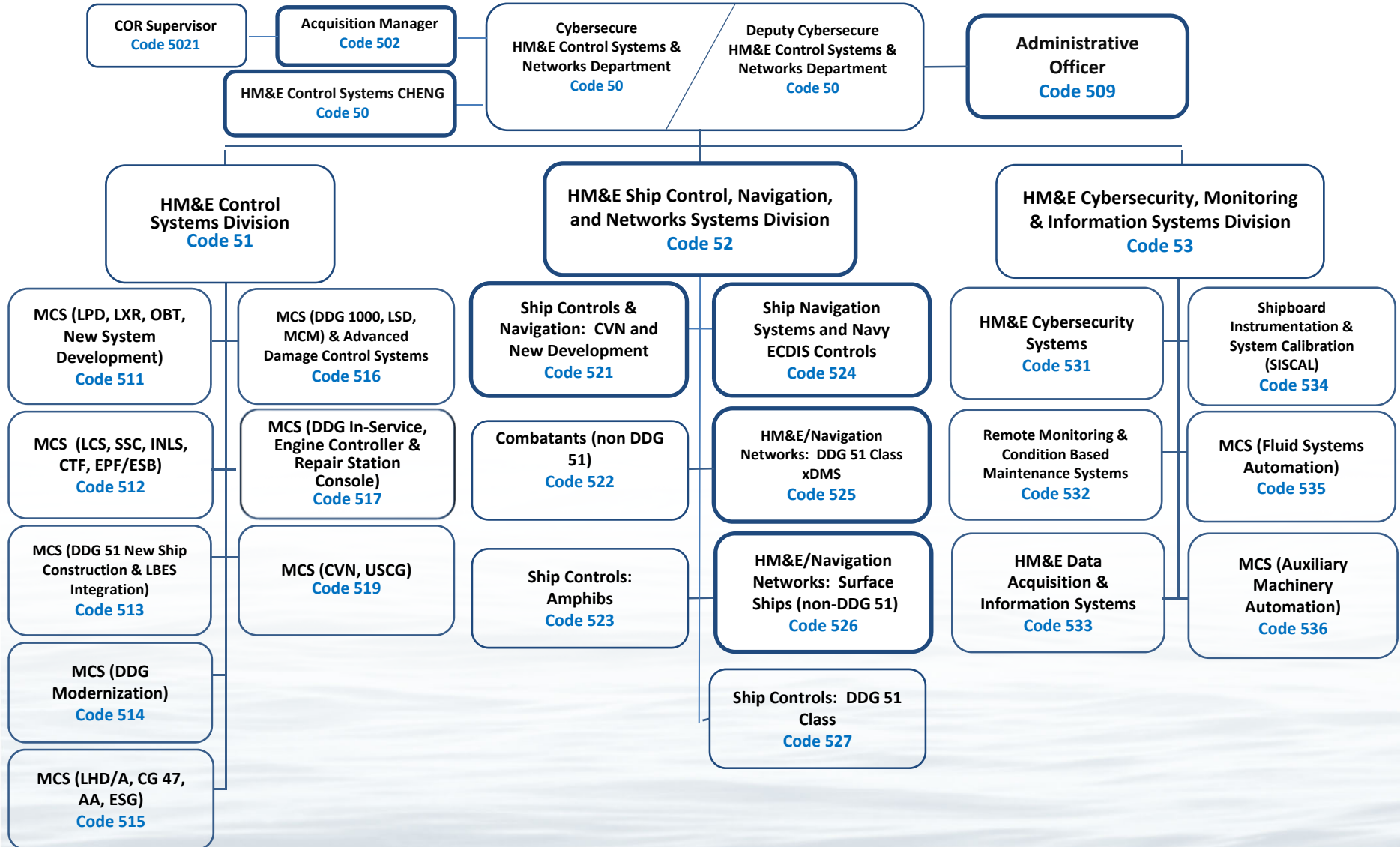
The Cybersecure Machinery Controls Systems & Networks Department is the principal provider of life cycle management (LCM) and full spectrum engineering support for cybersecure surface ship machinery information, sensors and control systems; mission-critical networks; steering and integrated bridge/navigation 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 – Code 50 Organizational Chart



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DISTRIBUTION STATEMENT A: Approved for public release: distribution unlimited.



Department 50 Anticipated Competitive Contract Requirements

Brief Description	Acquisition Strategy	ROM	Anticipated Announcement Date (FY/QTR)	Requiring Technical Code
LCS Freedom variant in-service engineering and life cycle support for C5I system	Sole Source	> \$7M - < \$93M	FY22 Q2	51
Ship Control System and Machinery Controls System Engineering Services Support for LCS Freedom variant	Sole Source	> \$7M - < \$93M	FY22 Q1	52
Navy-EDICS and Control System OEM Hardware	Sole Source	> \$7M - < \$93M	FY22 Q1	52
Ship Control System and Machinery Controls System Hardware	Sole Source	> \$7M - < \$93M	FY22 Q2	52
Machinery and Ship Control System Automation Hardware	Sole Source	> \$7M - < \$93M	FY22 Q2	51
Controls and Monitoring Engineering Services	Full/Open Competition	> \$7M - < \$93M	FY22 Q2	51



Department 50 Contractor Listing – Active Contracts

<u>Contractor Name (A - Z)</u>	
Alutiiq, LLC	Lyme Computer Systems, Inc.
Amee Bay, LLC	McKean Defense
American Systems Corporation	Naval Automation Group
Continental Tide Defense Systems	NDI Engineering Company
Delphinus Engineering, Inc.	Northrop Grumman Systems Corporation
EHS Technologies Corporation	Oceaneering International Engineering Services Company
Epsilon Systems Solutions, Inc.	Prism Maritime LLC
Fairmount Automation Inc.	QED, Systems Inc.
General Dynamics Information Technology, Inc.	Raytheon Company
General Dynamics Mission Systems	Research and Development Solution Inc.
GET Engineering Corp.	Rockwell Automation Company
Green Expert Technology Inc.	Rocky Research
Gryphon Technologies L.C.	Science Applications International Corporation
Huntington Ingalls Industries Inc.	Serco, Inc.
L3 Technologies LLC	Staco Energy Products Company
Leidos Engineering Company	TDI Technologies Inc.
Life Cycle Engineering, Inc.	The GBS Group
Life Cycle Engineering, Inc.	Transtecs Corporation
LPI Technical Services	



NAVAL SURFACE WARFARE CENTER PHILADELPHIA DIVISION

THANK YOU!

DISTRIB

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unlimited.



NSWC Philadelphia Industry Day

Small Business Office

Presented by:

Gerald Furey

Small Business Professional

-20 Oct 2021-



Small Business Back to Basics

- Small Business Metrics
- Know the Players
- Know Their Roles
- Know Your Role
- Tie It Together

Small Business – The First Option



NSWC Performance thru 24 Sep 2021

	Proposed	Goal	Actual	
Overall Obs	\$ 770 M		\$ 757.5 M	
Small Business	385.0 M	50%	338.3 M	44.67 %
SDB	46.2 M	6 %	47.0 M	6.21 %
SDVOSB	7.7 M	1 %	3.2 M	.42 %
WOSB	16.1 M	2.1 %	19.9 M	2.63 %
HZ	6.9 M	0.9 %	9.0 M	1.19 %

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The Small Business Team

- *Small Business Professional – Gerald Furey*
 - Employee of Contracting Activity
 - Not Aligned with Contracting Team
 - Direct Report to Commanding Officer
- *Procurement Center Representative – Michael Massello*
 - Employee of Small Business Administration
 - Covers Numerous Agencies – both DoD and Civilian
 - More Geographically Aligned (Virtual TBD)

Small Business – The First Option



The Small Business Team

Small Business Professional

- introduction to agency/technical code
- sources sought synopses
- market research/acquisition strategy
- liaison with Code 02 (pre and post award)
- Seaport Ombudsman
- payment issues
- subcontracting utilization
- CPARS (OTSB)

"I'm from the Government and I'm here to help."

President Ronald Reagan
12 Aug 1986

Small Business – The First Option



The Small Business Team

Procurement Center Representative

Duties Outlined at FAR 19.402

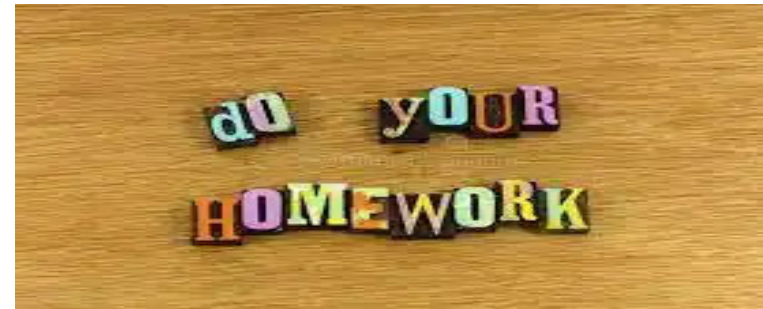
- Acquisition Strategy Review
- Introduce Sources to Agency
- Interact with Chief of Contracting Activity
- Review Process for SB compliance

Small Business – The First Option



Know Your Role

1. Know what the Agency Buys
(Technical Code)
2. The more specific in identifying
opportunities the better
3. Where do you fit in (Sub/Prime)?
(may be dictated by relevant past
performance)
4. Small Business Professionals are
appropriately titled.



A capability briefing is much more productive when homework is done at home.

Small Business – The First Option



How You Can Help

- Provide the SBP responses to "sources sought" announcements.
- Provide relevant information ASAP if disagree with advertised acquisition strategy.
- Realize that Small Business is an "Office of One."



Small Business – The First Option



Be 'In the Know'

1. Know your competitors.
 - a. To see where you fit
 - b. Potential teaming
2. Know the rules.
3. Know what you are looking for.
4. Small Business Office usually last to know.

The logo for ITK. It consists of the letters "ITK." in a bold, white, sans-serif font, centered on a solid black square background.

Small Business – The First Option



Tie It Together



- Establish relationships
- Trust
- Common goal

Small Business – The First Option



The Small Business Team

Naval Surface Warfare Center

Small Business Professional

Gerald Furey

gerald.furey@navy.mil

Small Business Administration

Procurement Center Representative

Mike Massello

michael.massello@sba.gov

Small Business – The First Option



Common Goal



Increase Small
Business
Participation

Small Business – The First Option