



**WELCOME**  
Day One  
22 July 2020

**Charleston Defense Industry Association  
54th Small Business and Industry Outreach  
Initiative Virtual Symposium**



**Welcome**  
**Ms. Heather Walker**  
**President, CDCA**



# Introductions

Mr. Pete Van  
Chair, CDCA Small Business Committee

Today's presentations and previous CDCA/SBIOI presentations can be found at

<https://www.public.navy.mil/navwar/Atlantic/Pages/ForIndustry.aspx>



## Day 1 — Wednesday 22 July 2020

|       |   |   |
|-------|---|---|
| 10:00 | Welcome   | Ms. Heather Walker, CDCA President  |
| 10:10 | Introductions   | Mr. Pete Van, Chair, CDCA Small Business Committee                          |
| 10:15 | NIWC LANT work acceptance and opportunities                                       | CAPT Wesley Sanders, NIWC LANT Commanding Officer                           |
| 10:45 | Q&A Session   |   |
| 10:55 | PEO EIS new structure and impact to NIWC LANT                                     | Mr. Patrick Fitzgerald, SSTM — NIWC LANT Enterprise Systems Department Head |
| 11:25 | DC2H Division challenges and contract strategies                                  | Ms. Teri-Lee Holland — Data Center and Cloud Hosting Div. Head              |
| 11:40 | MPT&E Division overview, current projects & opportunities                         | Mr. Mark Krause — Manpower, Personnel, Training & Edu. Division Head        |
| 11:55 | EBS Division future customer base and contract strategies                         | Mr. James Barr — Enterprise Business Systems Division Head                  |
| 12:10 | IS Division customer base and contract strategies                                 | Mr. Brett Huffman — Infrastructure Systems Division Head                    |
| 12:25 | Industry Forecast Report: Expeditionary Warfare/Enterprise Systems/Non-Department | Ms. Ericka Smoak — NIWC Atlantic, Contracts Pre Award Manager Division 222  |
| 12:45 | Q&A Session   |   |



# Naval Information Warfare Center Atlantic

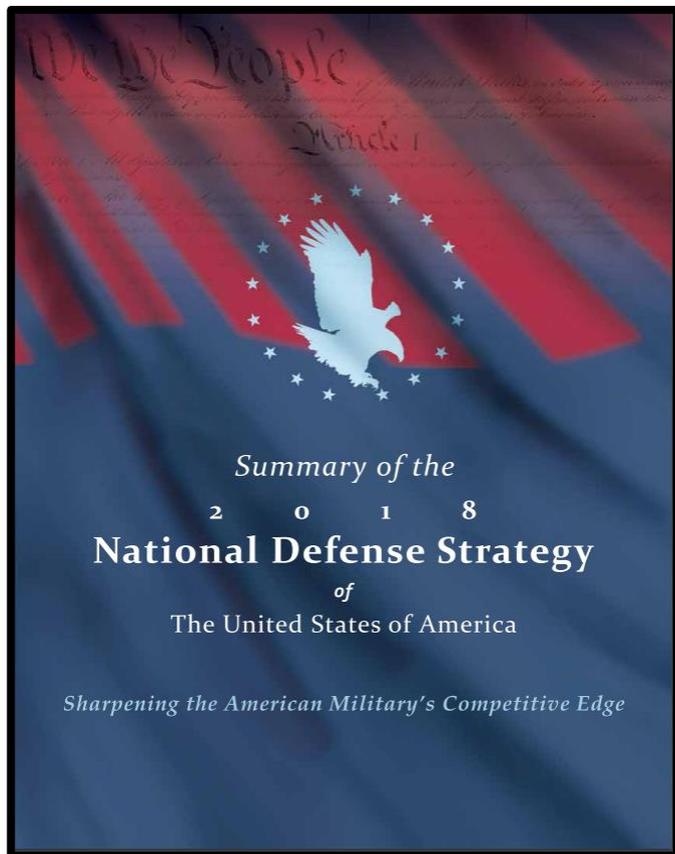
## Work Acceptance and Opportunities

Charleston Defense Industry Association  
**54<sup>th</sup> Small Business and Industry  
Outreach Initiative Symposium**

Virtual Event  
22 July 2020

**CAPT Wesley Sanders**  
NIWC Atlantic  
Commanding Officer

# National Defense Strategy



- **Build a More Lethal Force**
- **Strengthen Alliances and Attract New Partners**
- **Reform the Department for Greater Performance and Affordability**

**“America’s military has no preordained right to victory on the battlefield.”**

National Defense Strategy

# Supporting the National Defense Strategy

A DECISION FOR MAINTAINING



**CNO FRAGO**

Mission One for every Sailor – active and reserve, uniformed and civilian – is the operational readiness of today's Navy. Our Nation expects a ready Navy – ready to fight today – and our commitment to the training, maintenance, and modernization that will also ensure a Navy ready for tomorrow. We will deliver this Navy.

**WARFIGHTING**

End State: A Navy that is ready to win across the full range of military operations. We must have a Fleet that is manned, trained, equipped, integrated, and ready to meet requirements of our senior leaders at any time. Alongside the Marine Corps, the Navy will deliver decisive Integrated American Naval Power.

**WARFIGHTERS**

End State: A Navy that is world-class. We will recruit, educate, train and retain America's most talented men and women. Our people – uniformed and civilian Sailors – are our asymmetric advantage.

**FUTURE NAVY**

End State: A Navy that is fully prepared to fight and win. Our Navy will be equipped with the right capabilities and numbers to meet the challenges of a complex and competitive maritime environment. We will look at what is required to operate forward, build the Fleet to match, and train together until we achieve integrated combat power across the force.

"I am confident that we will maximize the Navy we have today while delivering the Navy that our nation will rely upon tomorrow. We will do so with **urgency**. Our fleet will be a potent, formidable force that competes around the world every day, deterring those who would challenge us while reassuring our Allies and partners. Joining with the Marine Corps, we will deliver decisive **Integrated American Naval Power** when called. As we focus on the future, we will value and celebrate our heritage. Our Core Values of **Honor, Courage, and Commitment** and our attributes of **Integrity, Accountability, Initiative, and Toughness** will always guide us. They underpin who we are as members of the profession of arms: united by our common oath, dedicated to our special standards of ethics and character, and constantly honing our unique expertise in the art and science of naval warfare."

— Adm. Mike Gilday  
Chief of Naval Operations



Mission One for every Sailor – uniformed and civilian, active and reserve – is the operational readiness of today's Navy.

We rely on industry to help the Navy be ready to fight today and develop the capabilities for tomorrow's high-end fight.

# Accelerated Acquisition



**“Every person matters,  
every day matters and  
every dollar matters.”**

James F. Geurts, ASN (RDA)

**Deliver Lethal Capacity - Increase Agility - Drive Affordability  
Build Workforce to Compete and Win**



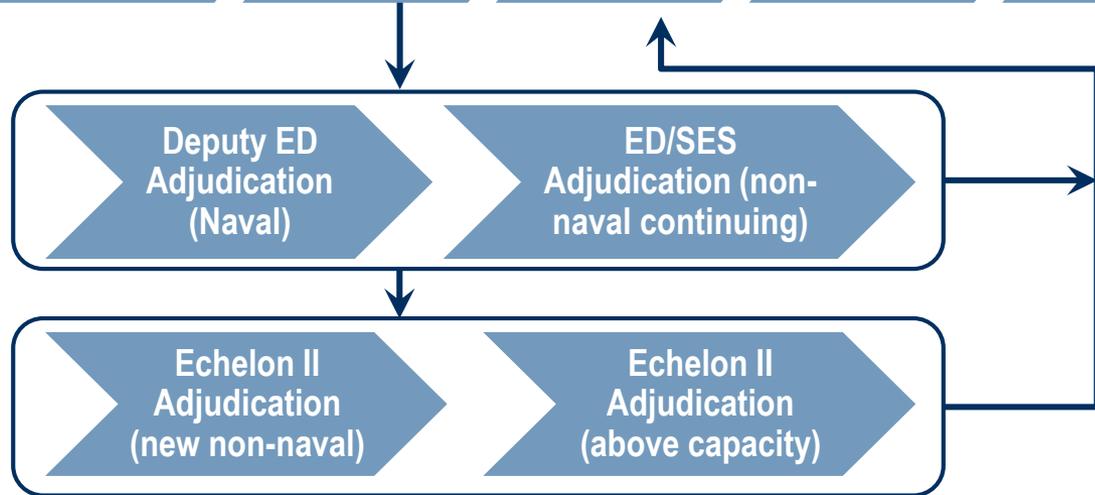
# Integrated Workflow Process

Tool-based records for execution and total awareness



## New Work - Any, all or specific work efforts:

- Not currently accepted by the Command
- And/or not being executed in the Command
- And/or not being executed by the group submitting the work effort for review



- Monthly Work Acceptance Meetings
- Quarterly resource planning events
- Annual review and re-assessment of all work efforts.

Automation in Work Acceptance and Resource Planning  
50% reduction in manual processing efforts

# Technology Focus Areas (TFAs)

Technology Strategy and TFA analysis drives work acceptance and lab/facility infrastructure allocations and tools.



<https://wiki.spawar.navy.mil/confluence/display/SSCACOG/NIWC+Atlantic+Technology+Strategy>



**Artificial Intelligence:** Provide warfighters with analytics-driven, data-informed, and technology-empowered capabilities to drive decision advantages and optimal mission outcomes. (Rob Keisler)



**Assured Communications:** Addresses the demand for resilient, and sometimes covert, wired and wireless communications in degraded and/or denied environments. (Ann Rideout)



**Cloud Computing:** IT modernization and digital transformation for resilient infrastructure, platform and software services. (Kathryn Murphy/Ann Rideout)



**Cybersecurity:** Provides protection from unauthorized use of and/or defends electronic data, hardware, software from disruption or of the services they provide (Erick Fry)



**DevSecOps:** Refers to replacing siloed Development, Security and Operations to create multidisciplinary teams that collaborate with shared and efficient practices and tools. (Kathryn Murphy)



**Mobility:** Provide Wireless Technology and enterprise access for the warfighter to engage with a mobile environment and applications, anytime, anyplace (Ann Rideout)



**Model-Based Systems Engineering (MBSE):** Technologies used to support the development, management and application of virtual constructs of varying fidelity across the spectrum of systems engineering. (David Smoak)



**On-Demand Manufacturing:** Produce products and/or components, when or as they are required at the point of use, using additive and/or traditional manufacturing methods. (Steve Lariviere)

TFA Champion

# Protecting Information Networks Across DOD

## Technology Focus Areas

- ✓ Artificial Intelligence
- ✓ Assured Communications
- ✓ Cloud Computing
- ✓ Cybersecurity
- ✓ DevSecOps
- Mobility
- MBSE
- On-Demand Manufacturing

The NIWC CSSP is positioned to defend the future terrain of the DOD

**The NIWC Atlantic CSSP actively defends and ensures protected assets are secure and resilient against persistent and adaptive threats and provides capabilities and expertise that are integral to DoD's current and future cyber efforts**

## Cybersecurity Service Provider (CSSP) IPT



- U.S. Cyber Command-accredited CSSP providing 24x7 service
- Leads and sustains a comprehensive engineering, IT, and cyber operations program in support of DOD agencies
- Protects and monitors networks, information systems, products, and services for DOD information network through five mission areas: Identify, Protect, Detect, Respond, and Recover.
- Provides command and control to enable defensive cyber operations and internal defensive measures
- Performs CSSP services for MHS GENESIS EHR and Med-COI network at Naval Military Treatment Facilities
- The NIWC Atlantic CSSP actively defends and ensures protected assets are secure and resilient against persistent and adaptive threats and provides capabilities and expertise that are integral to DoD's current and future cyber efforts.

# Optimizing USCG Readiness

## Technology Focus Areas

- Artificial Intelligence
- ✓ Assured Communications
- ✓ Cloud Computing
- ✓ Cybersecurity
- ✓ DevSecOps
- ✓ Mobility
- MBSE
- On-Demand Manufacturing

Delivering the latest technology and advanced capabilities ensuring an optimum state of readiness in support of USCG missions.

**NIWC Atlantic provides large & small scale program management, technical, logistics, sustainment, integration, installation, modernization and upgrade services.**

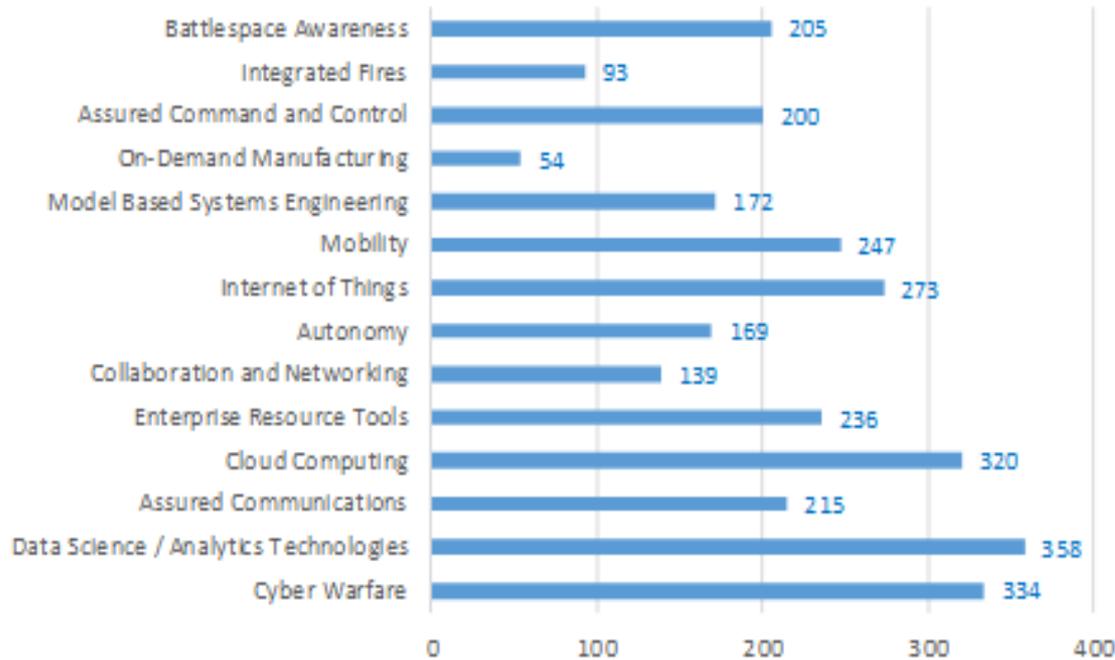
Fleet C4I and Readiness Department

## United States Coast Guard IPT

- Engineer, design, and integrate the Mobile User Objective System in support of afloat and ashore fleet platforms
- Engineer and field IT enterprise infrastructure and knowledge mgmt. services for the USCG IT environment in support of afloat and ashore fleet platforms
- Systems administration and software engineering for the National Response Center
- Support C4I capabilities, technical support, program mgmt. and systems engineering for the acquisition of Fast Response Cutters and Polar Security Cutters
- Manage and execute major C4I system upgrades on newly constructed National Security Cutters to include system recapitalization for end of life equipment issues
- Install C4ISR infrastructure to support the hosting and operations of the ScanEagle Small Unmanned Aircraft System onboard NSCs



## Members by Technology Area

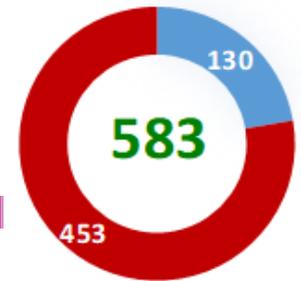


## Members

6 Jul 2020

■ Traditional

■ Nontraditional



## Up Coming Events

- FY20 3rd VID 18-20 August
- 1st Q Industry Day 13-15 Oct
- Annual Joint Hot Wash Event 19 Oct (3 day event at ATI)

## Points of Contact

To become a member of the IWRP consortium go to <https://www.theiwrp.org>

### NIWC Atlantic

- **Jee Youn Fickling**- IWRP Program Manager
  - [lila.fickling@navy.mil](mailto:lila.fickling@navy.mil)
- **Lisa Rosenbaum** – Agreement Officer
  - [lisa.rosenbaum@navy.mil](mailto:lisa.rosenbaum@navy.mil)

### NIWC Pacific

- **Vince Squitieri** – IWRP IPT Lead
  - [vincent.squitieri@navy.mil](mailto:vincent.squitieri@navy.mil)
- **Sharon Pritchard** – Agreement Officer
  - [sharon.pritchard@navy.mil](mailto:sharon.pritchard@navy.mil)



<https://www.secnav.navy.mil/agility/Pages/default.aspx>

## NavalX serves as DON workforce "super-connector," focused on scaling non-traditional agility methods across the DON workforce.

The approach is to connect to pockets of excellence to capture and scale the methodologies being employed, increasing awareness of cross-DoD and external successes, lessons learned, and subject matter experts.



### Palmetto Tech Bridge AT CHARLESTON, SC

The Carolinas offer a unique blend of state-of-the-art industry, entrepreneurial spirit, American historical significance and proud maritime military tradition. The region is home to the Naval Information Warfare Center (NIWC) Atlantic with a respected 58-year presence in the Palmetto State. NIWC Atlantic is charged with meeting our nation's demands for uninterrupted vigilance, fail-safe cybersecurity, adaptive response and engineering excellence. On a daily basis, NIWC Atlantic delivers secure, integrated and innovative technology solutions in support of our nation's top defense priorities.

The Palmetto Tech Bridge is the next step in the continuing evolution of NIWC Atlantic's engagement with leading academic research institutions, world-class industry partners, renowned federal labs and forward-thinking state organizations. With the utilization of diverse, off-base facilities across South Carolina, the Palmetto Tech Bridge



### Mid-Atlantic Tech Bridge

AT NORFOLK, VA

The Mid-Atlantic Tech Bridge (MATB) is the first of what we believe will be many Tech Bridges to formally tie the Operational Navy to the Science and Technology capabilities for the Navy and Marine Corps.

Commander 2nd Fleet, in partnership with the Naval Information Warfare Center Atlantic Hampton Roads Detachment, Naval Surface Warfare Center Dahlgren Division Damneck Activity and Naval Surface Warfare Center Carderock Division Norfolk Detachment, will connect

## Points of Contact

<https://www.secnav.navy.mil/agility/Pages/default.aspx>

### Palmetto Tech Bridge

- Mr. Michael Merriken
- Director Palmetto Tech Bridge
- Michael.Merriken@navy.mil

### Mid-Atlantic Tech Bridge

- Mr. Mark Wilde
- NIWC Atlantic Lead
- mark.wilde@navy.mil

Naval Information  
Warfare Center



ATLANTIC

# Serve our Nation by delivering information warfare solutions that protect national security. WIN THE INFORMATION WAR.



*NIWC Atlantic is part of the Naval Research & Development Establishment (NR&DE)*

Web: <https://www.public.navy.mil/navwar/Atlantic> Facebook: <https://www.facebook.com/NavalInformationWarfareSystemsCommand>

Twitter: <https://twitter.com/navwarHQ> Instagram: <https://www.instagram.com/spawarhq/> LinkedIn: <https://www.linkedin.com/company/spawar/>

Glassdoor: <https://www.glassdoor.com/Overview/Working-at-SPAWAR-Systems-Center-Atlantic-EI-IE638508.11,41.htm>

Employment opportunities: <https://www.usajobs.gov/> NIWC Atlantic Small Business: <https://www.public.navy.mil/navwar/Atlantic/Pages/ForIndustry.aspx>

NAVWAR Contract Directorate Office: <https://e-commerce.sscno.nmci.navy.mil>



# Naval Information Warfare Center Atlantic

## PEO EIS New Structure and Impact to NIWC Atlantic

Charleston Defense Industry Association  
**54<sup>th</sup> Small Business and Industry  
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Virtual Event  
22 July 2020

**Mr. Patrick Fitzgerald, SSTM**  
NIWC Atlantic  
Enterprise Systems Department Head

# Enterprise Systems Department

## ES Department

FY20: ~500 FTEs

44 Programs / Projects

- Provide engineering, logistics, and PM support solutions for Manpower, Logistics, and Business challenges
- Provide automation through development and deployment of modern software-intensive solutions
- Networks and Satellite Communication Gateways
- Hosting for software application and services including private and commercial Cloud services

## ▼ Enterprise Systems Divisions

Rapidly identify and implement affordable Enterprise IT services & solutions by promoting innovation, developing personnel, and forming strategic partnerships across NIWC Atlantic and with our customers.

- Data Center & Cloud Hosting Services (DC2HS) Division
- Manpower, Personnel, Training & Education (MPT&E) Division
- Enterprise Business Systems (EBS) Division
- Infrastructure Systems (IS) Division

### Major Sponsors

#### PEO MLB

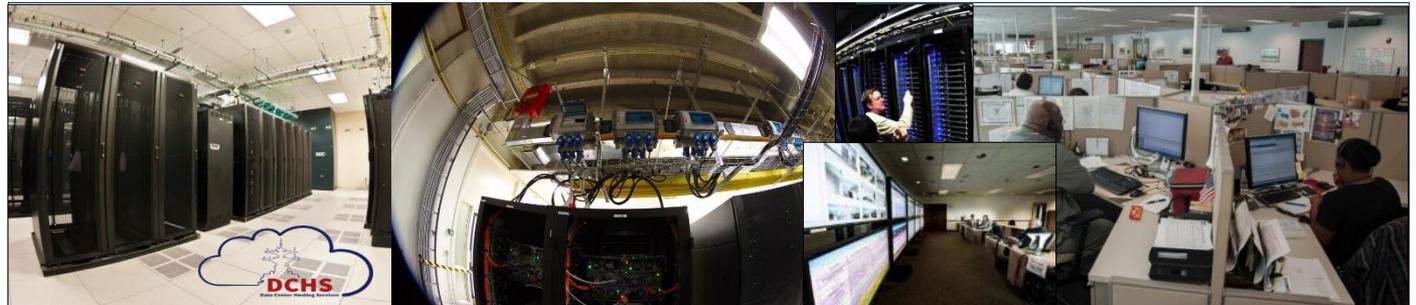
- PMW 220 PMW 250
- PMM 230 PMS 444
- PMW 240

#### PEO Digital

- PMW 205 PMW 280
- PMW 260 PMW 290
- PMW 270

#### ▪ NAVSEA

- DISA
- Numerous small DON projects



# Changes

## ▼ Enterprise Systems Department

- New Division Heads
  - Infrastructure Systems: Brett Huffman (selected)
  - DC2HS: Teri-Lee Holland (selected)

## ▼ General

- IWRP – highly successful, ceiling and ordering period increased
  - \$400M increase to \$500M, 2 years increase to 5 year PoP
- PEO EIS – disestablished
- PEO Manpower, Logistics and Business Solutions (MLB) and PEO Digital & Enterprise Services (Digital) established
- Acting with urgency (time to capability) key focus area

# Enterprise Systems Department

**ENTERPRISE SYSTEMS DEPARTMENT**  
Patrick Fitzgerald  
01B40

**Deputy**  
Brian Ratliff

PEO Digital Technical Director – **Andrew Tash**  
PEO Digital Deputy Technical Director – **Bradley Punch**

Total FTE ~ 1,300  
GOV/MIL ~ 525  
CTR ~ 800

**Data Center and Cloud Hosting Services (DC2HS) Division**  
**Teri-Lee Holland**

**Operations Manager**  
**Robert Thornton**

Cloud Technologies and Services IPT  
**Keith Boaman**

Hosting and Infrastructure Services IPT  
**Tim Bootle**

**Manpower, Personnel, Training and Education (MPT&E) Systems Division**  
**Mark Krause**

Sea Warrior IPT  
**Raymond Terminie**

PMW 250 Systems IPT  
**John Fraser (Acting)**

**Enterprise Business Systems (EBS) Division**  
**James Barr**

Acquisition, Logistics, and Personnel Systems IPT  
**Daniel Cohen**

NAVSEA Business Systems IPT  
**Jim Barr (Acting)**

Navy Enterprise Business Systems (NEBS) IPT  
**Jim Barr (Acting)**

Naval & Federal Networks & Systems (NFNS) IPT  
**Christina LaRussa-Martin**

**Infrastructure Systems (IS) Division**  
**M. Brett Huffman**

Satellite Communications IPT  
**Brett Huffman (Acting)**

DISA Enterprise Services IPT  
**Alfred Frazier**

Special Networks IPT  
**Charleen Shirley**

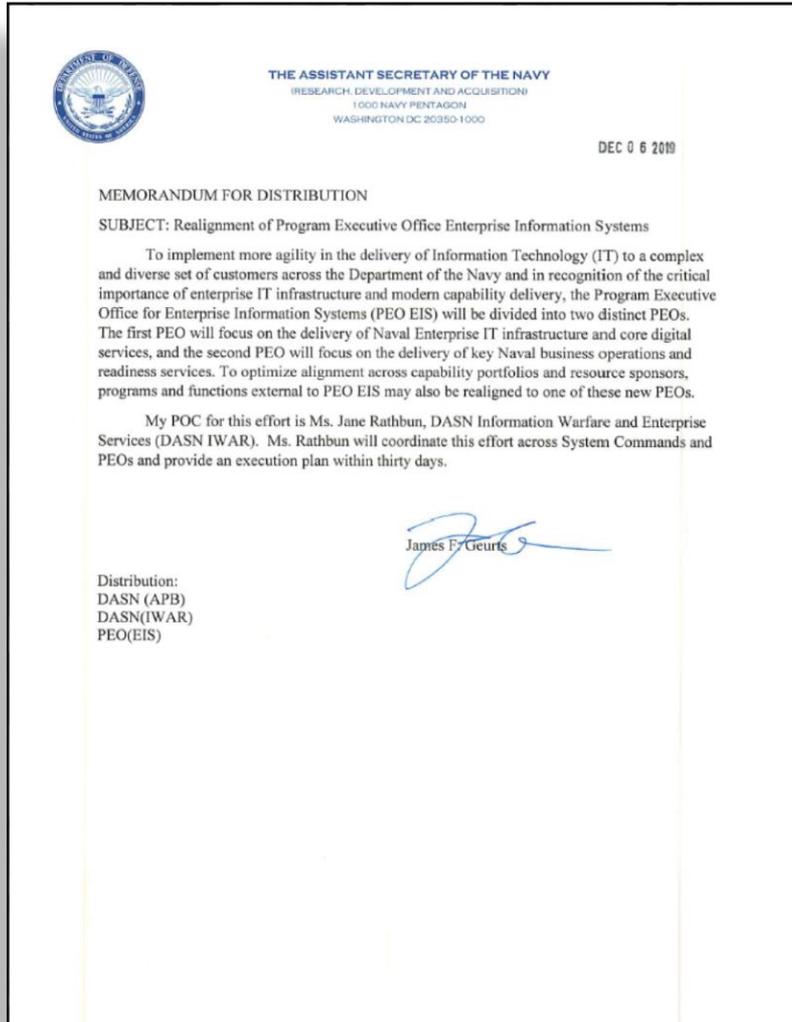
# Enterprise Systems Department Thrust Areas

- ▼ Enterprise Networks
  - Vision: Partner with PMW 205 to improve the performance & affordability of NGEN
- ▼ Software Development (DevSecOps)
  - Vision: Drive cultural change to embrace DevSecOps across NIWC Atlantic & our customers
    - Partnering with Expeditionary Dept., 5.0, PEO MLB, & PEO Digital to change IT delivery culture
- ▼ Cloud & Data Center Services
  - Vision: Enable a hybrid cloud solution for the Navy, including:
    - Ruthless automation enabling workforce shift to value-added enterprise services and engineering support
    - Digital Core Services offerings
    - Improved stakeholder engagement and partnership
- ▼ Mobility & Mobile Application Design
  - Vision: Enable access to information on any device, anywhere, including:
    - Improved user experience, resiliency, operational capabilities, & ability to leverage talent
    - Enable Classified and U//FOUO mobility solutions; explore 5G

We must respond to challenges and opportunities with urgency as our  
new operational standard

# PEO EIS Realignment

- ▼ ASN RDA Memo dated 6 December 2019
  - ASN Directed and DASN Coordinated
  - Increase responsiveness to a complex stakeholder community and better manage a diverse portfolio
  - Transform PEOs into a modern service delivery construct



# PEO EIS Realignment

“To implement more agility in the delivery of IT to a complex and diverse set of customers across the Department of the Navy, and in recognition of the critical importance of enterprise IT infrastructure and modern capability delivery, PEO EIS will be disestablished and two new PEOs will be established.”

ASN (RD&A) James Geurts

## PEO Digital and Enterprise Services

- Naval Enterprise Networks (PMW 205)
- Special Networks and Intelligence Mission Applications (PMW 260)
- Navy Commercial Cloud Services (PMW 270)
- DON SAP Networks (PMW 280)
- Enterprise IT Strategic Sourcing (PMW 290)

## PEO Manpower, Logistics, and Business Solutions

- Navy Enterprise Business Solutions (PMW 220)
- Global Combat Support Systems-MC (PMW 230)
- Sea Warrior Program (PMW 240)
- Enterprise Systems and Services (PMW 250)
- Navy Maritime Maintenance Enterprise Solutions – Technical Refresh (PMS 444)

# Lines of Effort (LOEs)

- ▼ LOE 1 PEO EIS Split (Internal)
  - Status: DONE
  - Customer Service Construct ISO of Digital Transformation
    - Digital and Enterprise Services
    - Manpower, Logistics, and Business Solutions
- ▼ LOE 2 Alignment of Capabilities (DASN/ASN Level)
  - Status: in progress
  - Optimize alignment of capability portfolio and resource sponsors
- ▼ LOE 3 Capability Wholeness (DASN/ASN Level)
  - Status: in progress
  - Identify gaps in services and assess for future alignment

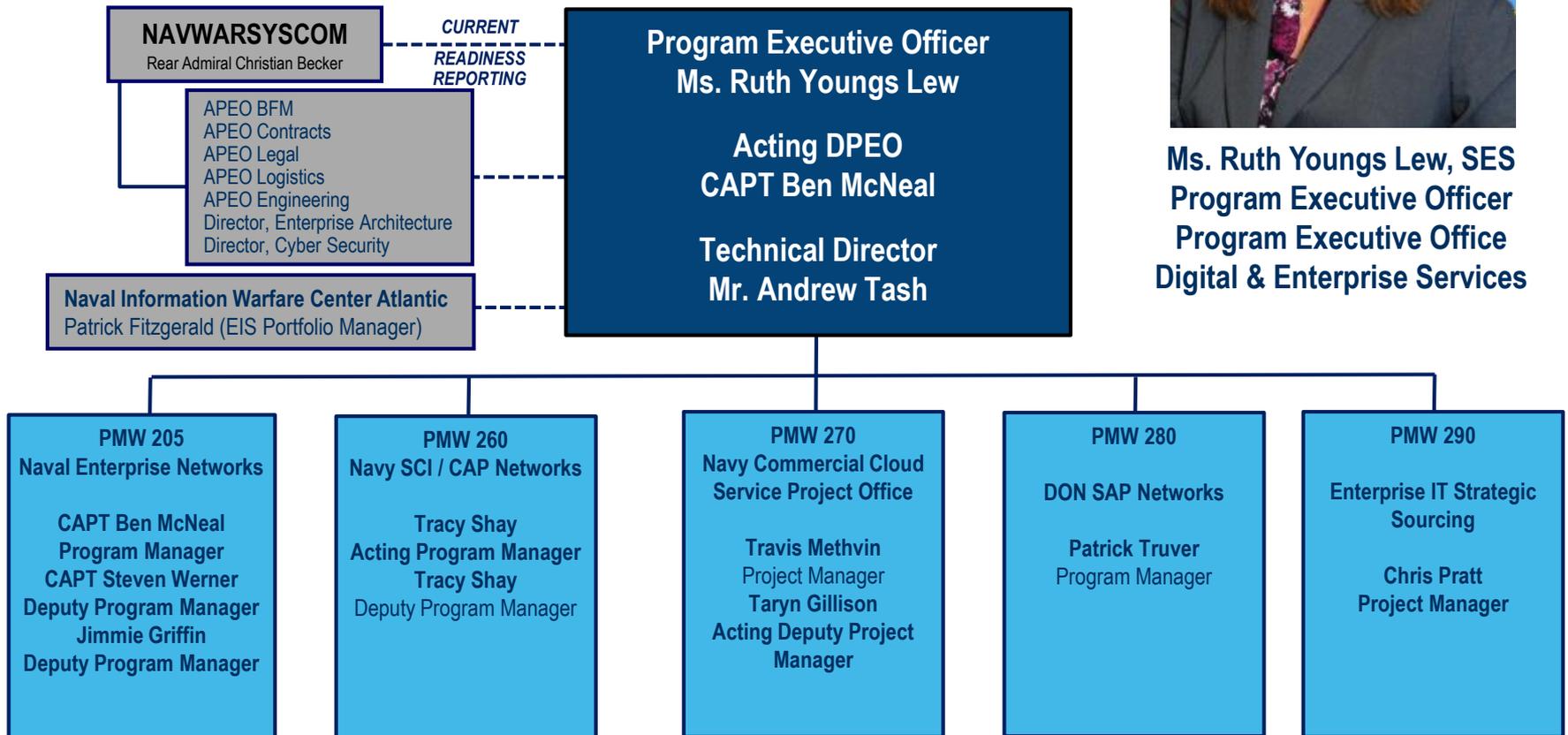


# PEO DIGITAL

PROGRAM EXECUTIVE OFFICE DIGITAL & ENTERPRISE SERVICES



**Ms. Ruth Youngs Lew, SES  
Program Executive Officer  
Program Executive Office  
Digital & Enterprise Services**

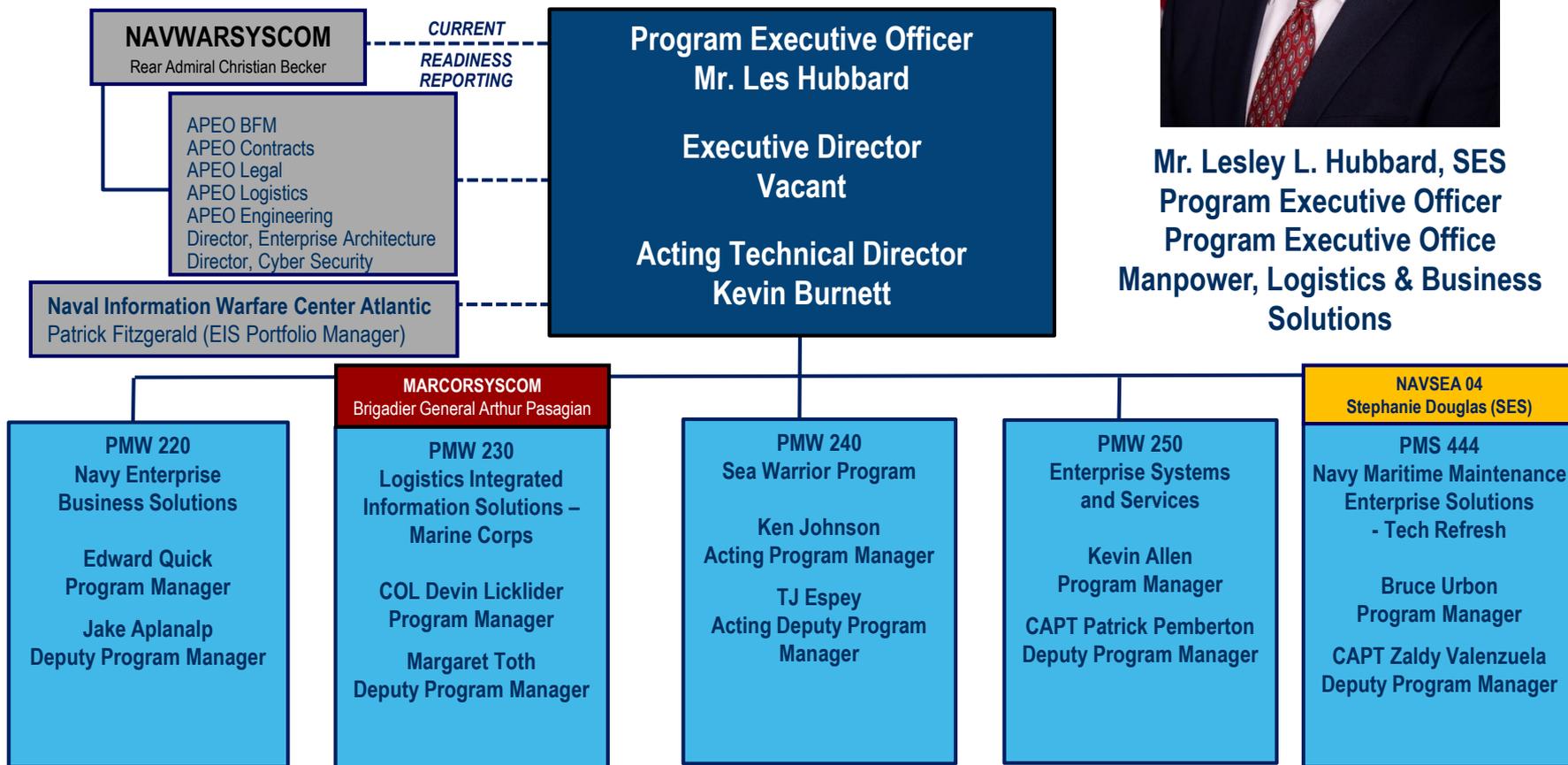


# PEO MLB

PROGRAM EXECUTIVE OFFICE MANPOWER, LOGISTICS & BUSINESS SOLUTIONS



**Mr. Lesley L. Hubbard, SES**  
**Program Executive Officer**  
**Program Executive Office**  
**Manpower, Logistics & Business**  
**Solutions**





# Naval Information Warfare Center Atlantic

## Data Center and Cloud Hosting Services (DC2HS) Division **Challenges and Contract Strategies**

Charleston Defense Industry Association  
**54<sup>th</sup> Small Business and Industry  
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**Ms. Teri-Lee Holland**  
NIWC Atlantic  
Data Center and Cloud Hosting Services  
(DC2HS) Division Head

# Data Center and Cloud Hosting Services (DC2HS) Division



## Description:

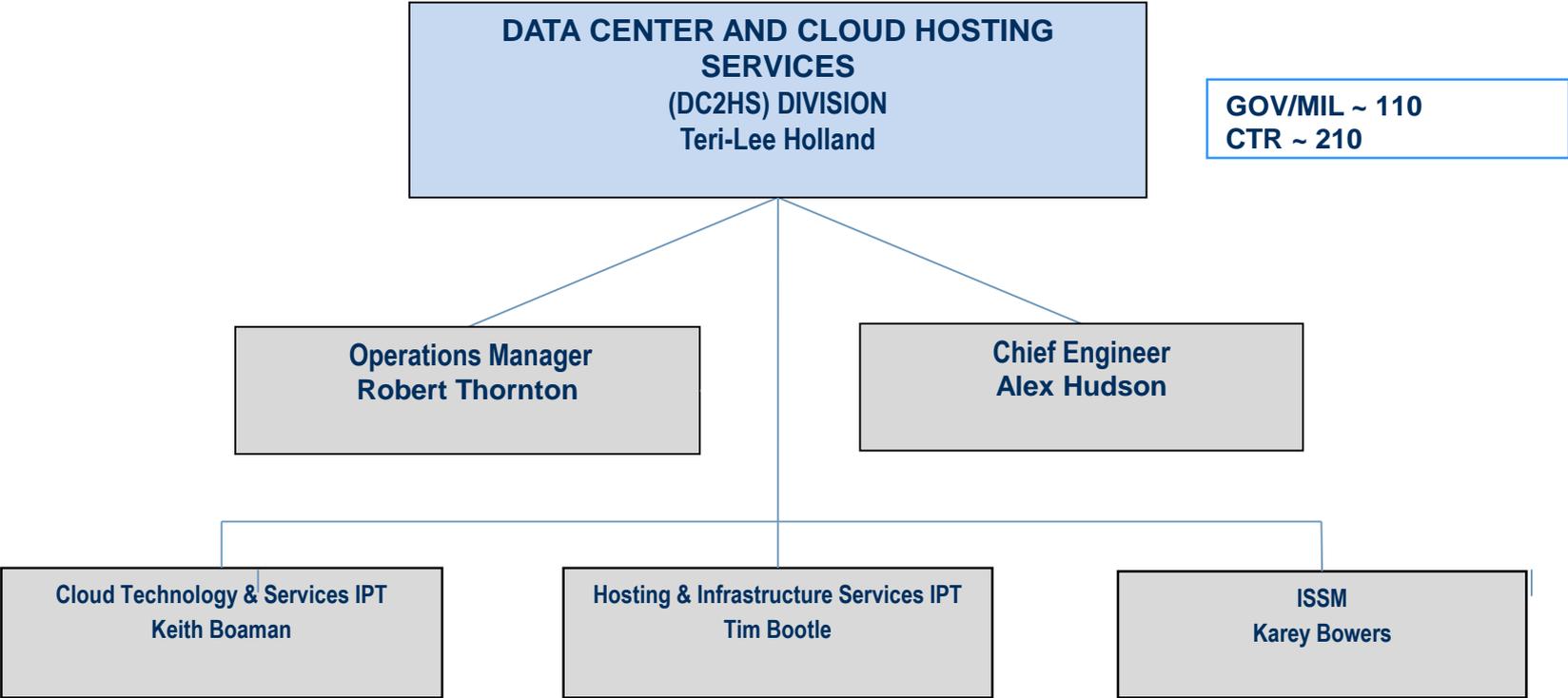
Provides infrastructure hosting and managed services to support Department of the Defense strategic and operational objectives. We develop modernization initiatives to create more secure and commercial-ready systems. For all of the environments we provide services for, we also provide Enterprise Engineering, as well as required supporting services (database, A&A, cybersecurity, audit readiness, etc.)

## Operational Relevance:

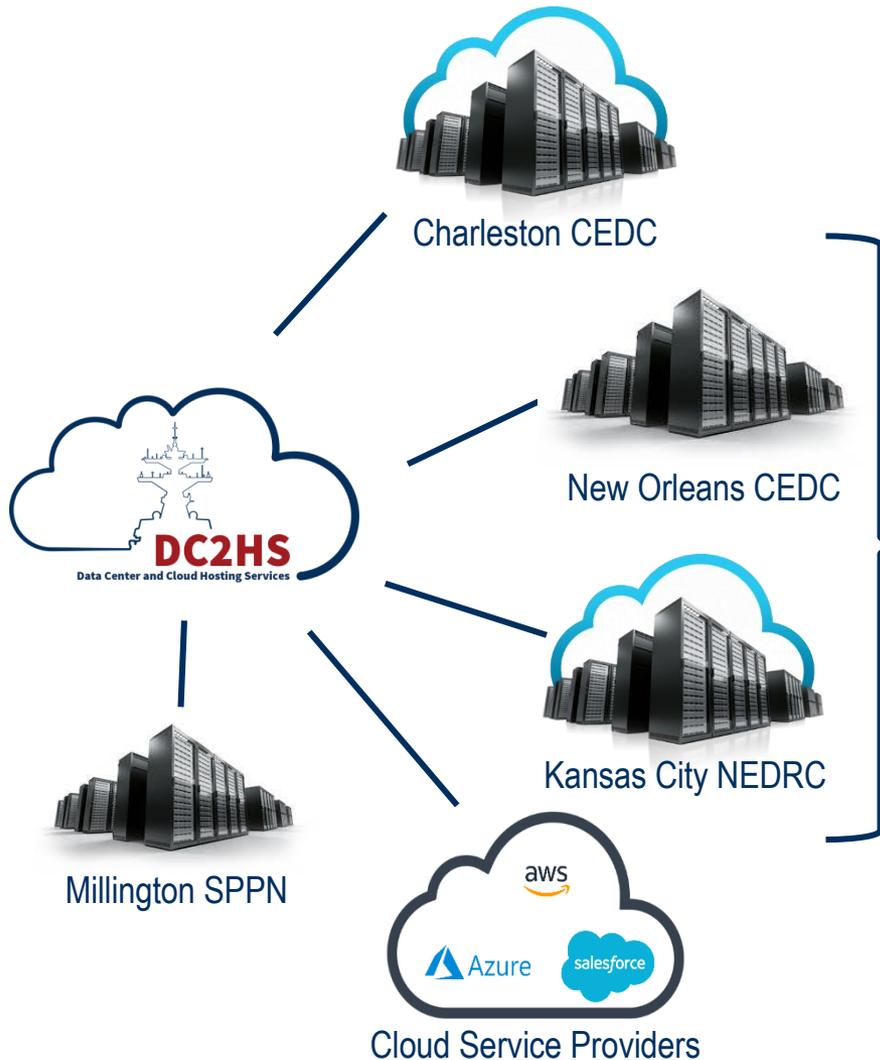
Service provider responsible for sustaining and modernizing infrastructure and hosting services for DOD, with a focus on NAVAL, business systems. Utilize a service management framework to operate:

- Two of the designated CEDCs within NIWC Atlantic with supporting services and engineering activities
- NEDRC for all Enterprise DR Hosting
- Millington Data Center (MDC) in support of BUPERS, NPPC, NRC activities
- Commercial Cloud Environments for the DON DDCIO by providing Navy Cloud Access Point (CAP), Cloud Brokerage (TCB), and AWS Hosted Shared Services for cloud customers
- Support modernization of infrastructure and new capabilities based on changing technologies utilizing a Core Engineering Team

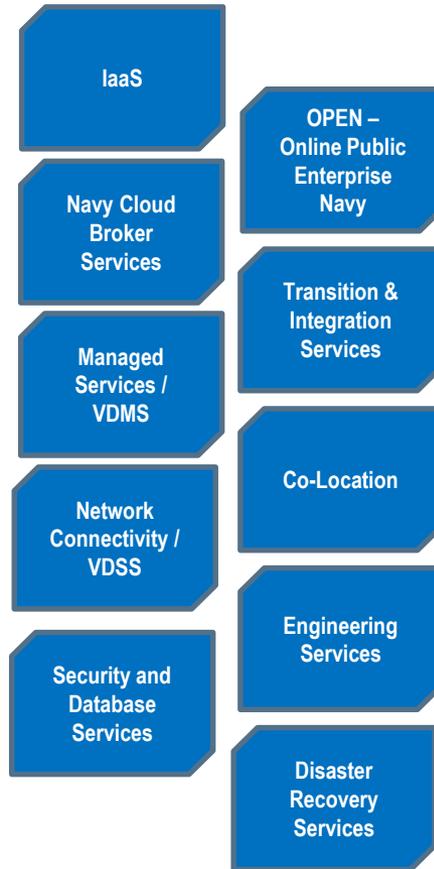
# DC2HS Division



# DC2HS Division Overview



## Services



## Rates

| Data Center and Cloud Hosting Services (DC2HS) |         |                        |           |       |         |       |
|--|---------|------------------------|-----------|-------|---------|-------|
| FY 2020 Rates                                  |         |                        |           |       |         |       |
| Line   | Service | Description            | Frequency | Unit  | Rate    | Notes |
| 1.0  | 1.0     | DC2HS Hosting Services | VM        | Month | \$11.17 |       |
| 1.1  | 1.1     | DC2HS-CPUs-AM2         | VM        | Month | \$6.25  |       |
| 1.2  | 1.2     | DC2HS-CPUs-AM3         | VM        | Month | \$6.25  |       |
| 1.3  | 1.3     | DC2HS-CPUs-AM4         | VM        | Month | \$6.25  |       |
| 1.4  | 1.4     | DC2HS-CPUs-AM5         | VM        | Month | \$6.25  |       |
| 1.5  | 1.5     | DC2HS-CPUs-AM6         | VM        | Month | \$6.25  |       |
| 1.6  | 1.6     | DC2HS-CPUs-AM7         | VM        | Month | \$6.25  |       |
| 1.7  | 1.7     | DC2HS-CPUs-AM8         | VM        | Month | \$6.25  |       |
| 1.8  | 1.8     | DC2HS-CPUs-AM9         | VM        | Month | \$6.25  |       |
| 1.9  | 1.9     | DC2HS-CPUs-AM10        | VM        | Month | \$6.25  |       |
| 2.0  | 2.0     | DC2HS-CPUs-AM11        | VM        | Month | \$6.25  |       |
| 2.1  | 2.1     | DC2HS-CPUs-AM12        | VM        | Month | \$6.25  |       |
| 2.2  | 2.2     | DC2HS-CPUs-AM13        | VM        | Month | \$6.25  |       |
| 2.3  | 2.3     | DC2HS-CPUs-AM14        | VM        | Month | \$6.25  |       |
| 2.4  | 2.4     | DC2HS-CPUs-AM15        | VM        | Month | \$6.25  |       |
| 2.5  | 2.5     | DC2HS-CPUs-AM16        | VM        | Month | \$6.25  |       |
| 2.6  | 2.6     | DC2HS-CPUs-AM17        | VM        | Month | \$6.25  |       |
| 2.7  | 2.7     | DC2HS-CPUs-AM18        | VM        | Month | \$6.25  |       |
| 2.8  | 2.8     | DC2HS-CPUs-AM19        | VM        | Month | \$6.25  |       |
| 2.9  | 2.9     | DC2HS-CPUs-AM20        | VM        | Month | \$6.25  |       |
| 3.0  | 3.0     | DC2HS-CPUs-AM21        | VM        | Month | \$6.25  |       |
| 3.1  | 3.1     | DC2HS-CPUs-AM22        | VM        | Month | \$6.25  |       |
| 3.2  | 3.2     | DC2HS-CPUs-AM23        | VM        | Month | \$6.25  |       |
| 3.3  | 3.3     | DC2HS-CPUs-AM24        | VM        | Month | \$6.25  |       |
| 3.4  | 3.4     | DC2HS-CPUs-AM25        | VM        | Month | \$6.25  |       |
| 3.5  | 3.5     | DC2HS-CPUs-AM26        | VM        | Month | \$6.25  |       |
| 3.6  | 3.6     | DC2HS-CPUs-AM27        | VM        | Month | \$6.25  |       |
| 3.7  | 3.7     | DC2HS-CPUs-AM28        | VM        | Month | \$6.25  |       |
| 3.8  | 3.8     | DC2HS-CPUs-AM29        | VM        | Month | \$6.25  |       |
| 3.9  | 3.9     | DC2HS-CPUs-AM30        | VM        | Month | \$6.25  |       |
| 4.0  | 4.0     | DC2HS-CPUs-AM31        | VM        | Month | \$6.25  |       |
| 4.1  | 4.1     | DC2HS-CPUs-AM32        | VM        | Month | \$6.25  |       |
| 4.2  | 4.2     | DC2HS-CPUs-AM33        | VM        | Month | \$6.25  |       |
| 4.3  | 4.3     | DC2HS-CPUs-AM34        | VM        | Month | \$6.25  |       |
| 4.4  | 4.4     | DC2HS-CPUs-AM35        | VM        | Month | \$6.25  |       |
| 4.5  | 4.5     | DC2HS-CPUs-AM36        | VM        | Month | \$6.25  |       |
| 4.6  | 4.6     | DC2HS-CPUs-AM37        | VM        | Month | \$6.25  |       |
| 4.7  | 4.7     | DC2HS-CPUs-AM38        | VM        | Month | \$6.25  |       |
| 4.8  | 4.8     | DC2HS-CPUs-AM39        | VM        | Month | \$6.25  |       |
| 4.9  | 4.9     | DC2HS-CPUs-AM40        | VM        | Month | \$6.25  |       |
| 5.0  | 5.0     | DC2HS-CPUs-AM41        | VM        | Month | \$6.25  |       |
| 5.1  | 5.1     | DC2HS-CPUs-AM42        | VM        | Month | \$6.25  |       |
| 5.2  | 5.2     | DC2HS-CPUs-AM43        | VM        | Month | \$6.25  |       |
| 5.3  | 5.3     | DC2HS-CPUs-AM44        | VM        | Month | \$6.25  |       |
| 5.4  | 5.4     | DC2HS-CPUs-AM45        | VM        | Month | \$6.25  |       |
| 5.5  | 5.5     | DC2HS-CPUs-AM46        | VM        | Month | \$6.25  |       |
| 5.6  | 5.6     | DC2HS-CPUs-AM47        | VM        | Month | \$6.25  |       |
| 5.7  | 5.7     | DC2HS-CPUs-AM48        | VM        | Month | \$6.25  |       |
| 5.8  | 5.8     | DC2HS-CPUs-AM49        | VM        | Month | \$6.25  |       |
| 5.9  | 5.9     | DC2HS-CPUs-AM50        | VM        | Month | \$6.25  |       |
| 6.0  | 6.0     | DC2HS-CPUs-AM51        | VM        | Month | \$6.25  |       |
| 6.1  | 6.1     | DC2HS-CPUs-AM52        | VM        | Month | \$6.25  |       |
| 6.2  | 6.2     | DC2HS-CPUs-AM53        | VM        | Month | \$6.25  |       |
| 6.3  | 6.3     | DC2HS-CPUs-AM54        | VM        | Month | \$6.25  |       |
| 6.4  | 6.4     | DC2HS-CPUs-AM55        | VM        | Month | \$6.25  |       |
| 6.5  | 6.5     | DC2HS-CPUs-AM56        | VM        | Month | \$6.25  |       |
| 6.6  | 6.6     | DC2HS-CPUs-AM57        | VM        | Month | \$6.25  |       |
| 6.7  | 6.7     | DC2HS-CPUs-AM58        | VM        | Month | \$6.25  |       |
| 6.8  | 6.8     | DC2HS-CPUs-AM59        | VM        | Month | \$6.25  |       |
| 6.9  | 6.9     | DC2HS-CPUs-AM60        | VM        | Month | \$6.25  |       |
| 7.0  | 7.0     | DC2HS-CPUs-AM61        | VM        | Month | \$6.25  |       |
| 7.1  | 7.1     | DC2HS-CPUs-AM62        | VM        | Month | \$6.25  |       |
| 7.2  | 7.2     | DC2HS-CPUs-AM63        | VM        | Month | \$6.25  |       |
| 7.3  | 7.3     | DC2HS-CPUs-AM64        | VM        | Month | \$6.25  |       |
| 7.4  | 7.4     | DC2HS-CPUs-AM65        | VM        | Month | \$6.25  |       |
| 7.5  | 7.5     | DC2HS-CPUs-AM66        | VM        | Month | \$6.25  |       |
| 7.6  | 7.6     | DC2HS-CPUs-AM67        | VM        | Month | \$6.25  |       |
| 7.7  | 7.7     | DC2HS-CPUs-AM68        | VM        | Month | \$6.25  |       |
| 7.8  | 7.8     | DC2HS-CPUs-AM69        | VM        | Month | \$6.25  |       |
| 7.9  | 7.9     | DC2HS-CPUs-AM70        | VM        | Month | \$6.25  |       |
| 8.0  | 8.0     | DC2HS-CPUs-AM71        | VM        | Month | \$6.25  |       |
| 8.1  | 8.1     | DC2HS-CPUs-AM72        | VM        | Month | \$6.25  |       |
| 8.2  | 8.2     | DC2HS-CPUs-AM73        | VM        | Month | \$6.25  |       |
| 8.3  | 8.3     | DC2HS-CPUs-AM74        | VM        | Month | \$6.25  |       |
| 8.4  | 8.4     | DC2HS-CPUs-AM75        | VM        | Month | \$6.25  |       |
| 8.5  | 8.5     | DC2HS-CPUs-AM76        | VM        | Month | \$6.25  |       |
| 8.6  | 8.6     | DC2HS-CPUs-AM77        | VM        | Month | \$6.25  |       |
| 8.7  | 8.7     | DC2HS-CPUs-AM78        | VM        | Month | \$6.25  |       |
| 8.8  | 8.8     | DC2HS-CPUs-AM79        | VM        | Month | \$6.25  |       |
| 8.9  | 8.9     | DC2HS-CPUs-AM80        | VM        | Month | \$6.25  |       |
| 8.10   | 8.10    | DC2HS-CPUs-AM81        | VM        | Month | \$6.25  |       |
| 8.11   | 8.11    | DC2HS-CPUs-AM82        | VM        | Month | \$6.25  |       |
| 8.12   | 8.12    | DC2HS-CPUs-AM83        | VM        | Month | \$6.25  |       |
| 8.13   | 8.13    | DC2HS-CPUs-AM84        | VM        | Month | \$6.25  |       |
| 8.14   | 8.14    | DC2HS-CPUs-AM85        | VM        | Month | \$6.25  |       |
| 8.15   | 8.15    | DC2HS-CPUs-AM86        | VM        | Month | \$6.25  |       |
| 8.16   | 8.16    | DC2HS-CPUs-AM87        | VM        | Month | \$6.25  |       |
| 8.17   | 8.17    | DC2HS-CPUs-AM88        | VM        | Month | \$6.25  |       |
| 8.18   | 8.18    | DC2HS-CPUs-AM89        | VM        | Month | \$6.25  |       |
| 8.19   | 8.19    | DC2HS-CPUs-AM90        | VM        | Month | \$6.25  |       |
| 8.20   | 8.20    | DC2HS-CPUs-AM91        | VM        | Month | \$6.25  |       |
| 8.21   | 8.21    | DC2HS-CPUs-AM92        | VM        | Month | \$6.25  |       |
| 8.22   | 8.22    | DC2HS-CPUs-AM93        | VM        | Month | \$6.25  |       |
| 8.23   | 8.23    | DC2HS-CPUs-AM94        | VM        | Month | \$6.25  |       |
| 8.24   | 8.24    | DC2HS-CPUs-AM95        | VM        | Month | \$6.25  |       |
| 8.25   | 8.25    | DC2HS-CPUs-AM96        | VM        | Month | \$6.25  |       |
| 8.26   | 8.26    | DC2HS-CPUs-AM97        | VM        | Month | \$6.25  |       |
| 8.27   | 8.27    | DC2HS-CPUs-AM98        | VM        | Month | \$6.25  |       |
| 8.28   | 8.28    | DC2HS-CPUs-AM99        | VM        | Month | \$6.25  |       |
| 8.29   | 8.29    | DC2HS-CPUs-AM100       | VM        | Month | \$6.25  |       |

# Hosting Environments and Customers



Charleston CEDC



New Orleans CEDC



Millington SPPN



Kansas City NEDRC



Cloud Service Providers

**Hosting Footprint**

---

**CHAS**  
Systems: 120  
Instances: 2244

**NOLA**  
Systems: 75  
Instances: 1757

**CSP (AWS & Azure)**  
Systems: 69  
Instances: 1280

**264 total systems    5281 total instances**



# DC2HS Division Current Challenges

## 1. RMF Process Automation and Continuous Monitoring

How do we make it easier for SCA and NAO to review our status?

## 2. Maximize cloud offerings while minimizing supporting resources

How do we take advantage of approved cloud offerings without increases manpower?

## 3. Hybrid Cloud Implementation and Legacy Data Center Automation

How do we build off of #2 above and implement similar approach?

## 4. Mission Owner Collaboration on Cloud Adoption, as used by DON

How do we close the gap between CSP Offerings and DON policies, to accelerate Mission Owner cloud adoption?

# DC2HS Division Contract Strategy

- 1. Large Contract cancelled in late June for us to redefine emerging requirements and focus on innovation to address challenges**
- 2. Evaluate proposed tool solutions aligned to DOD > Navy policies for implementation roadblocks**
- 3. Collaborate with industry partners on similar issues and problems**
  - a) We are facing the same issues that industry partners are dealing with; ex: cloud consumption and chargebacks
  - b) Reach industry partners that have solutions that can be implemented



# Naval Information Warfare Center Atlantic

## Manpower, Personnel, Training and Education Division Overview, Current Projects & Opportunities

Charleston Defense Industry Association  
**54<sup>th</sup> Small Business and Industry  
Outreach Initiative Symposium**

Virtual Event  
22 July 2020

**Mr. Mark Krause**  
NIWC Atlantic  
Manpower, Personnel, Training and  
Education (MPT&E)  
Division Head



# Manpower, Personnel, Training & Education (MPT&E) Division



## Description:

Provides engineering, cybersecurity, logistics, testing, and program management support across the System Development Life Cycle to Navy and MyNavy HR programs within PEO Manpower, Logistics, and Business Solutions (MLB) and OPNAV N1. Major Customers include PMW 240, PMW 250, and OPNAV N1.

## Operational Relevance:

Sustaining and modernizing Navy and MyNavy Human Resources (HR) legacy software systems with a focus on MyNavy HR Transformation to migrate over 200 legacy systems to a modern COTS solution and architecture. Consolidation of over 90 Navy Help Desks (Navy Enterprise Service Desk), modernization of the Navy's POM/PR process, and development of OPNAV enterprise business solutions.

Total Gov't ~200  
Total Contractors ~500

**MPT&E Division Head**  
Mark Krause

Sea Warrior PMW 240 IPT  
Ray Terminie

Enterprise Systems and Services PMW 250 IPT  
John Fraser (A)

# MPT&E Division

## Sea Warrior PMW 240 IPT



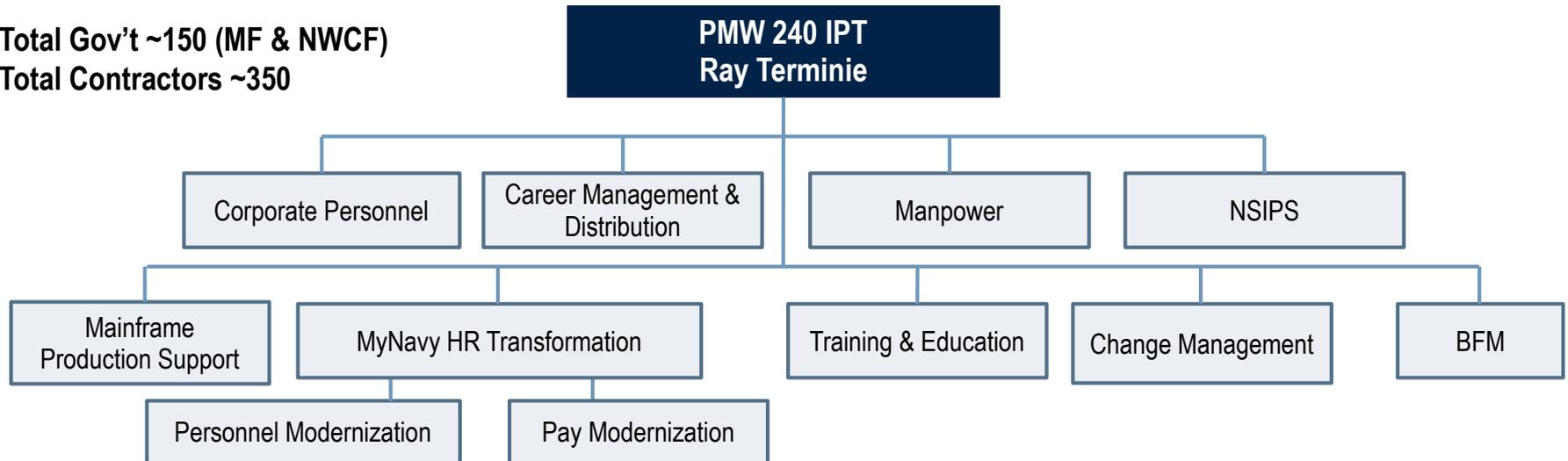
### Description:

The PMW 240 IPT provides support to PMW 240 for MyNavy HR transformation and legacy systems. Support includes sustainment, transformation, and modernization of more than 40 MyNavy HR systems that support the Sailor through career and life events.

### Operational Relevance:

Enables improved service delivery to our Sailors, their families, and the Fleet.

Total Gov't ~150 (MF & NWCF)  
Total Contractors ~350



# MPT&E Division

## Enterprise Systems & Services PMW 250 IPT



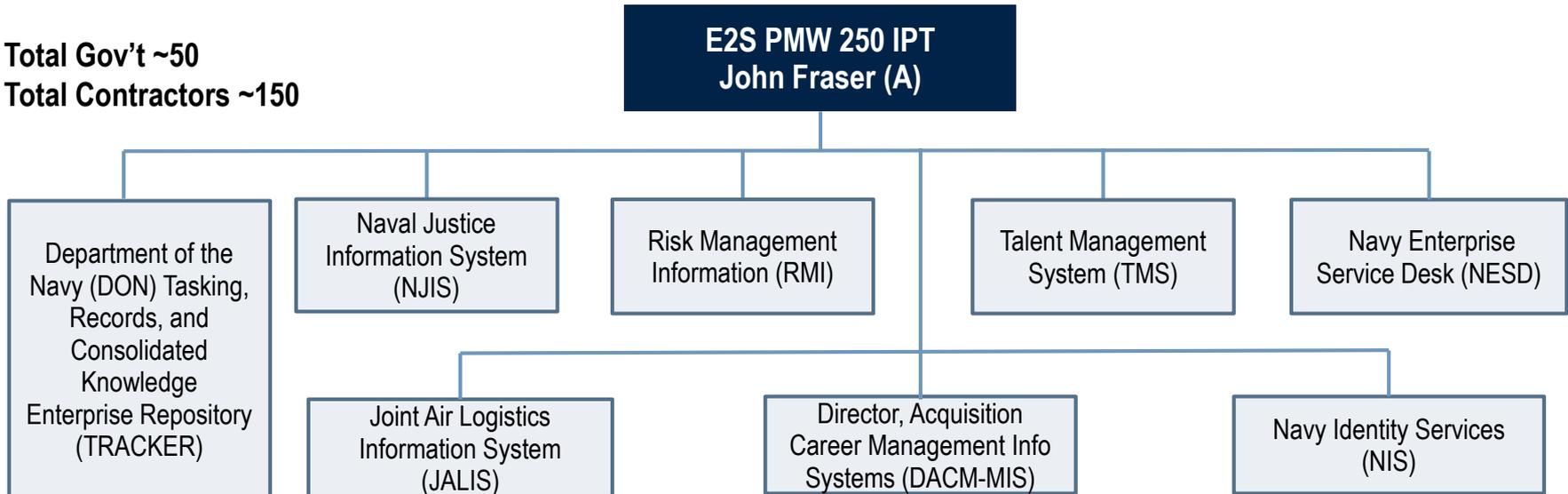
### Description:

The Enterprise Systems & Services PMW 250 IPT provides system/software engineering, systems security engineering, RMF, acquisition and full life cycle support.

### Operational Relevance:

Work is aligned with NAVWAR Core Mission Areas, directly supports Naval Forces in Information Dominance achievement and are planned for Naval operations.

Total Gov't ~50  
Total Contractors ~150



# MPT&E Division

## FY21 New Work/Opportunities

### ▼ **FAIT / FLINT: Fleet Architecture Integration Tool / Force Level Integration Tool**

- Modernization of the Navy's POM/PR Budget Planning and Execution Process
- Modeling, Artificial Intelligence, War Gaming, Innovative Data Architectures and Algorithms
- PMW 250 (NAVWAR) and NIWC Atlantic OTA/IWRP contracts will be competed this Fall
- Looking at options to acquire MBSE support via NIWC Atlantic or NAVWAR contracts

### ▼ **JAG / JAD CMS: Judge Advocate General / Judge Advocate Division Case Management System**

- Selection of a new COTS leveraging NIWC Atlantic OASIS Rapid SW Development Environment
- PMW 250 (NAVWAR) and OASIS related NIWC Atlantic contracts will be competed in FY21
- Looking at options to acquire MBSE support via NIWC Atlantic or NAVWAR contracts

### ▼ **DACM-MIS — Director, Acquisition Career Management Information Systems**

- DACM-MIS contracts expire in FY21 and follow on contracts will be competed by PMW 250 (NAVWAR)
- NIWC Atlantic footprint still being negotiated with the DACM Office in ASN RD&A

- ▼ NESD / ISC: Navy Enterprise Service Desk / Integrated Service Center
  - Consolidation of over 90 Navy Help Desks and modernize Navy Help Desks (NOLA and Charleston)
  - Developing contract strategy/competitions for two NIWC Atlantic contract awards in Summer 2021
    - Outsource Help Desk personnel in New Orleans and Charleston at contractor sites
    - Develop innovative and modern Help Desk technologies to maximize cost savings
- ▼ N1 HR Transformation
  - Modernization of the Navy's pay, personnel (NP2) and HR applications
  - Several OTA/IWRP pilots underway with to explore new technologies
    - Secure Cloud Computing Environment (Best way to transition to AWS)
    - Better Authoritative Data Environment (ADE 3.0) technologies and solutions
    - Afloat Integrated Learning Environment (Better ways to move Training apps to afloat environments)
  - Potential for new contracting competitions to support NP2 and Pilot follow-ons



# Naval Information Warfare Center Atlantic

## Enterprise Business Systems (EBS) Division Future Customer Base and Contract Strategies

Charleston Defense Industry Association  
**54<sup>th</sup> Small Business and Industry  
Outreach Initiative Symposium**

Virtual Event  
22 July 2020

**Mr. James Barr**  
NIWC Atlantic  
Enterprise Business Systems (EBS)  
Division Head

# Enterprise Business Solutions Division



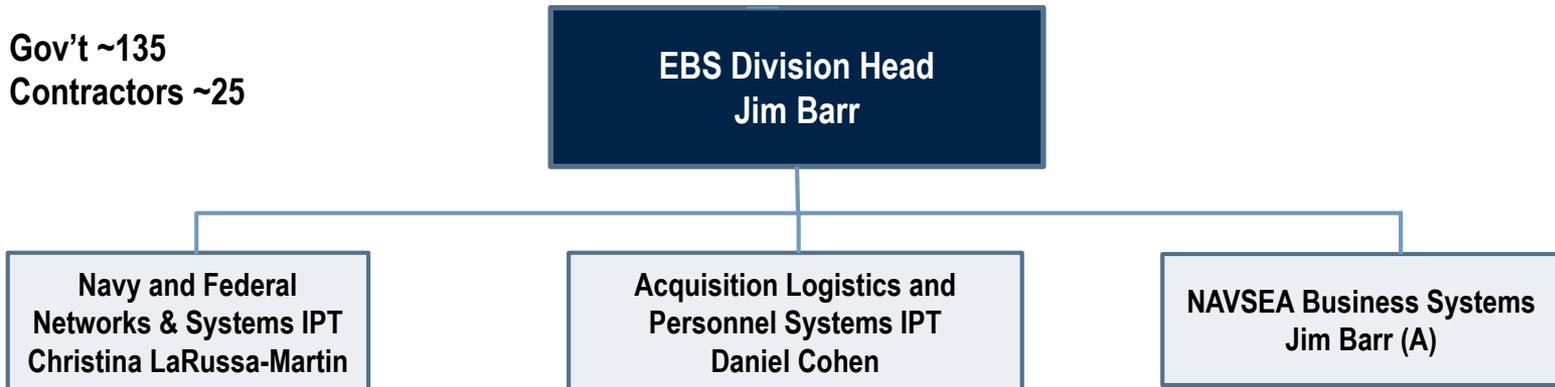
**Description:**

Provides engineering, cybersecurity & program management support across the System Development Life Cycle to deliver enterprise systems to support the Navy, DoD, & Air National Guard.

**Operational Relevance:**

Enabling the Navy’s move toward business transparency and accountability across its major System Commands: NAVAIR, NAVWAR, NAVSUP, and NAVSEA, while significantly reducing costs.

Total Gov’t ~135  
Total Contractors ~25



# EBS Division Programs

## ▼ NMCI (PMW 205)

- Critical network Improvements/Increase capacity for Telework
- Supporting transition to new vendor; combining CONUS and OCONUS networks into single solution

## ▼ ePS

- Transitioning from PMW 220 to PMW 250

## ▼ Navy ERP

- Engineering support to PMW 220

## ▼ NMMES-TR

- Consolidating under NOBLE Family of Systems
- Logistics operational/intermediate/depot maintenance systems
- PMW MRO will be established under PEO MLB

# EBS Division Programs (cont'd)

## ▼ RDAIS (ASN/RD&A)

- Navy's pilot entry point into OASIS Agile DEVSECOPS
- PMW 250 and PEO MLB interested in use of OASIS and accredited software pipelines as a “best practice” for software development across their portfolios
- Tiger Team to advance Navy ATO processes under RMF

## ▼ Navy Inspector General NIGHTS Application

- Primarily cyber/ATO effort with potential to grow into Development/Sustainment

## ▼ SMART Aircraft

- Improves accuracy of tactical support data information to squadron maintenance techs

# EBS Division Programs (cont'd)

## ▼ Navy Cash

- Quality of life system deployed to afloat units
- Replaces manual cash processing

## ▼ Naval History & Heritage Command

- Public Web Portal – Development and Content Management of the NHHC public facing website, [www.history.navy.mil](http://www.history.navy.mil)
- KE eMU - Single, comprehensive collections management system and databases supporting 13-Navy Museums within AWS Gov Cloud



# Naval Information Warfare Center Atlantic

## Infrastructure Systems (IS) Division Customer Base and Contract Strategies

Charleston Defense Industry Association  
**54<sup>th</sup> Small Business and Industry  
Outreach Initiative Symposium**

Virtual Event  
22 July 2020

**Mr. Brett Huffman**  
NIWC Atlantic  
Infrastructure Systems (IS) Division Head

# Infrastructure Systems Division



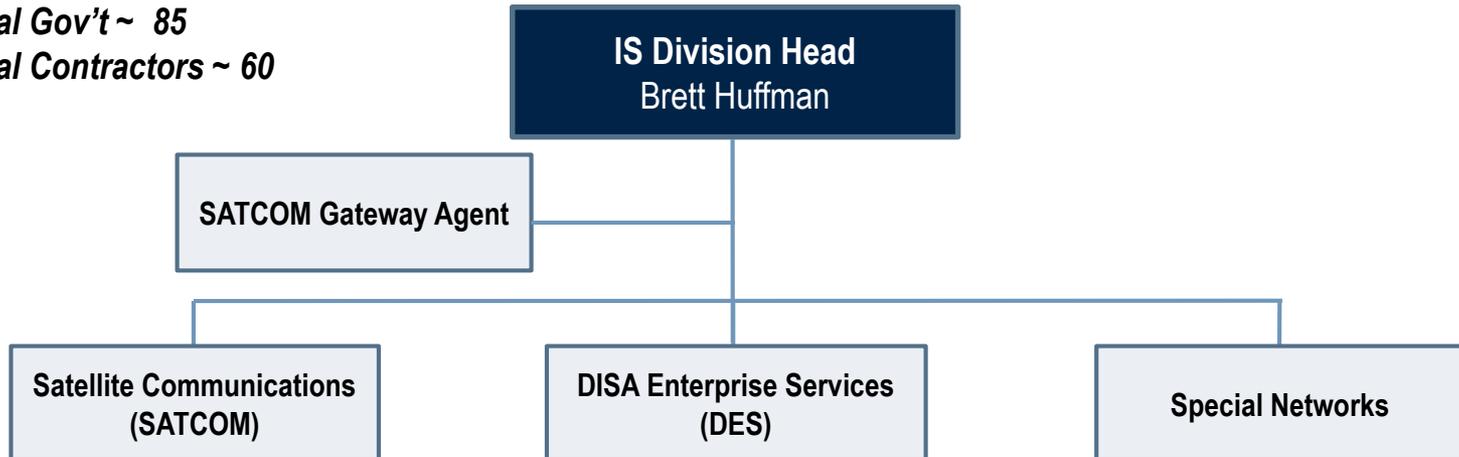
## Description:

The IS Division provides “Best in Class” engineering & program management to deliver increased capabilities while lowering costs across the DoD. Major customers include: Defense Information Systems Agency I3: Gateway Program Office, Teleport Program Office, Airborne Intelligence Surveillance Reconnaissance, Universal Gateways; Defense Intelligence Agency, US Army - Engineering Research & Development Center, PEO DES, NAVWAR PMWs (170, 790, 280), and NAVIFOR.

## Operational Relevance:

Provide systems engineering, acquisition, and life cycle support to Navy, DISA, and Joint Warfighters through the R&D, Test & Accreditation (T&A), production, fielding, and sustainment of Satellite Communications and Enterprise Systems infrastructure solutions

Total Gov't ~ 85  
Total Contractors ~ 60



# IS Division Contract Strategy

- ▼ Multiple contract service types
  - Engineering, integration, and sustainment
  - Aligned to Command Strategic Objectives, Tri-Chair DoD CIO/DISA/SPACEFORCE Gateway Optimization, and Resiliency Plan results to 2028, Competency Work Force demands
- ▼ Balance core work
  - Ensure maximum benefit to warfighter
- ▼ Ensure surge capacity
  - Ability to meet workforce demands
  - Recognized constraints, today and future, are planned.
- ▼ Enhance the work force
  - Partnering with industry
    - Diverse teams = Better products
  - Push solutions forward using tools and methodologies
    - MBSE, DevSecOps, virtual collaboration, etc



# Naval Information Warfare Center Atlantic

## Industry Forecast Report



# Naval Information Warfare Center Atlantic

## Expeditionary Warfare/ Enterprise Systems/Non-Department Division 222

Erica Smoak

# Expeditionary Warfare (ExW) Forecast

| Department  | PR Number  | Est Value        | Contract Vehicle | RFP Pending | General Description  |
|---|------------|------------------|------------------|-------------|--|
| Expeditionary Warfare -<br>Expeditionary Intelligence<br>Solutions        | 1300788737 | >=\$50M, <\$100M | Seaport NxG      | Dec- 2020   | C4ISR Sustainment  |
| Expeditionary Warfare -<br>Expeditionary Intelligence<br>Solutions        | 1300824611 | <\$5M            | Seaport NxG      | Oct-2020    | Technical Control and Analysis<br>Center General Services<br>Support |
| Expeditionary Warfare –<br>Expeditionary Enterprise<br>Systems & Services | 1300847485 | >=\$10M, <\$50M  | Seaport NxG      | Dec-2020    | Cloud Transition and<br>Modernization Technical<br>Support           |

# Enterprise Systems (ES) Forecast

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Nothing at this time

# Non-Department Forecast

| Department   | PR Number  | Est Value         | Contract Vehicle | RFP Pending | General Description  |
|--|------------|-------------------|------------------|-------------|--|
| 5.0 Competency - 5.0 Competency Division               | 1300822748 | >=\$100M, <\$250M | Seaport NxG      | Aug-2020    | Information Systems Security Support                                   |
| Office of the Command Information Officer - Command IT | 1300813336 | >=\$50M, <\$100M  | Seaport NxG      | Jul-2020    | Network Services, Operations and Engineering Support for NIWC Atlantic |
| Service Centers - 2.0 Service Center                   | 1300769704 | <\$5M             | Seaport NxG      | Dec-2020    | Inventory Accuracy & Assurance Support                                 |

Naval Information  
Warfare Center



ATLANTIC

# Serve our Nation by delivering information warfare solutions that protect national security. WIN THE INFORMATION WAR.



*NIWC Atlantic is part of the Naval Research & Development Establishment (NR&DE)*

Web: <https://www.public.navy.mil/navwar/Atlantic> Facebook: <https://www.facebook.com/NavalInformationWarfareSystemsCommand>

Twitter: <https://twitter.com/navwarHQ> Instagram: <https://www.instagram.com/spawarhq/> LinkedIn: <https://www.linkedin.com/company/spawar/>

Glassdoor: <https://www.glassdoor.com/Overview/Working-at-SPAWAR-Systems-Center-Atlantic-EI-IE638508.11,41.htm>

Employment opportunities: <https://www.usajobs.gov/> NIWC Atlantic Small Business: <https://www.public.navy.mil/navwar/Atlantic/Pages/ForIndustry.aspx>

NAVWAR Contract Directorate Office: <https://e-commerce.sscno.nmci.navy.mil>



# Q&A Session



# ***Thank you for attending Tune in tomorrow!***

Today's presentations and previous CDCA/SBIOI presentations can be found at

<https://www.public.navy.mil/navwar/Atlantic/Pages/ForIndustry.aspx>