



Welcome

CDCA's

69th Strategic Business and Industry Outreach Initiative
(SBIOI)

October 23-24, 2024



Mr. Gary Jaffe

President

CDCA

Welcome & Opening Remarks



Please stand for the Pledge of Allegiance



I pledge allegiance to the Flag
of the United States of America
and to the Republic for which it stands,
one Nation under God, indivisible,
with liberty and justice for all.

CDCA Officers



Gary Jaffe
President



Peter Woodhull
Vice President



Matthew King
Treasurer



Pete Van de Meulebroecke
Secretary



Jared Mathey
5th Executive Chair

CDCA Board of Directors



Camila Anderson



Gabriel Bell



Chris Cannavaro



Bambi Hoyt



Maura Keenan



Melissa Priola



Ron Ravelo



Sallie Sweeney

CDCA Events Committee

SBIOI Chairs



Camila Anderson



Pete Van de Meulebroecke



Chris Cannavaro

We hope you enjoy today's program.
Questions/suggestions may be directed to: sbioi@charlestdca.org

CDCA Staff



Paula Callahan
Executive Director



Sarah Matullo
Administrative Coordinator

CDCA's Why



*Engaging the defense community
through meaningful collaboration
to strengthen national security
and global stability.*



Nominating Committee Overview

The Nominating Committee is a newly formed committee chartered by the CDCA BOD in 2023 and led by the 5th EC. It aims to serve as an informational resource for any, and all, CDCA Members interested in pursuing a position on the Board to better understand eligibility requirements, roles, responsibilities, expectations and time commitments.

Vision: *Establish and maintain an informed talent acquisition pipeline of BOD candidates to advance the interests of the CDCA.*

Mission: *Identify, engage, educate, and encourage potential Board of Director (BOD) candidates to seek leadership positions within the CDCA.*

Chair: Jared Mathey – 5th EC

✉ jmathey@industechology.com, 636-448-4860

Co-Chair: Paula Callahan – ED

✉ Paula@charlestdca.org, 843-714-8782

Committee Members:

Claire Allen

✉ Claire.Allen@mantech.com, 843-934-6231

Lori Benson

✉ lbenson@rmcweb.com, 703-593-3213

Beth Meredith

✉ Beth.Meredith@us.kbr.com, 843-647- 9382

Beth Robertson

✉ elizabeth.robertson@libertyba.com, 843-697-6032

Mike Teeple

✉ teeple_michael@bah.com, 843-566-2892



Engage the Nominating Committee

Anytime (Before 10/31)

- **Reach out directly** to one or more of the Nominating Committee members
- **Email Nominating Committee functional mailbox:** nominating@charlestdca.org

Today (10/23)

- Nominating Committee members will be available during the **SBIOI Networking Social** to answer questions and discuss BOD opportunities - *Look for the leis!*

Share House, 23 Ann Street, Charleston, SC 29403

Wednesday, 10/23, 4:00 – 6:00 PM

Register to attend:

<https://www.eventbrite.com/e/sbioi-networking-social-with-afcea-cdca-wid-tickets-1012867252217?aff=CDCAwebsite>



Tomorrow (10/24)

- Nominating Committee will be hosting an **Open House from 8:00 – 8:30 AM**

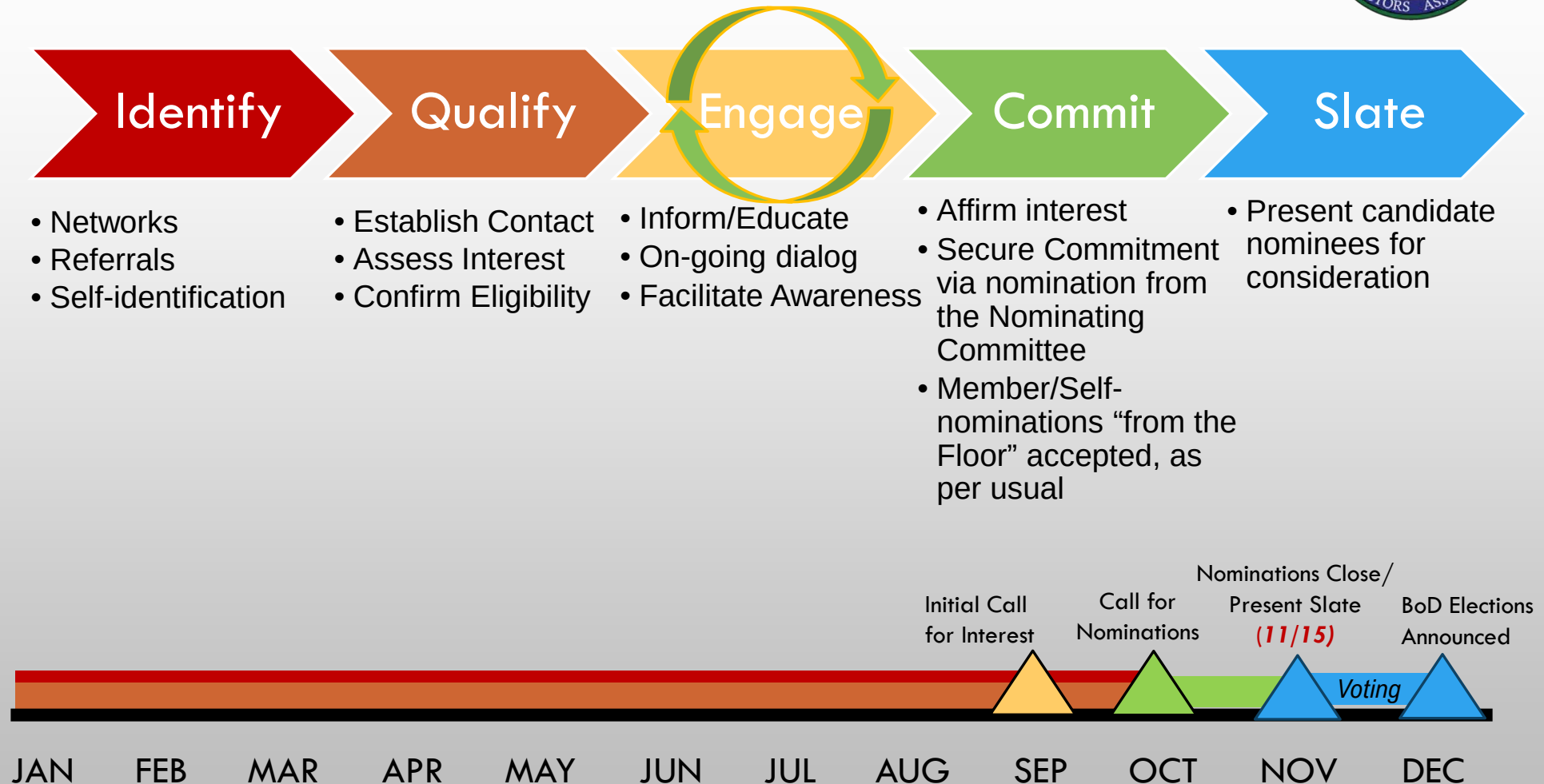
Trident Technical College, Building 920, Wells Fargo Room

Coffee, juice and pastries provided

- Visit the **Nominating Committee Table** in the lobby during breaks throughout Day 2 of SBIOI



Slating Process & Timeline



Candidates seeking nomination by the Nominating Committee must engage NLT 11/01/24
Member/Self-nominations from the floor must be submitted NLT 11/15/24

Just a few reasons to

JOIN US

- Find and network with partners of any socio-economic status in our membership listings
- Identify important industry activities on our Community Events List
- Search through news and engagements through our Links and Business Resources



Why Join the CDCA?

The CDCA is the premier advocate for the Defense contractor industry.

The CDCA mission is to advocate for, preserve, strengthen and grow the Defense industry through partnership and collaboration with stakeholders and our community. The CDCA supports the Defense community at large and represents the defense community with the government agencies in the Lowcountry. We seek to provide liaison through effective communication avenues and represent the Defense contractor community in forums with these government agencies.

Membership in the CDCA enables each Defense contractor the opportunity to support the Defense community. CDCA also provides input on issues and initiatives to the broader community in areas such as education, small business mentoring, and Congressional liaison. The CDCA works with the Charleston Metro Chamber of Commerce and other similar organizations to fill an important need to speak with one trusted voice for the Defense-related industry of the regional business community.

Government/Military*	Individual*	Not for Profit (status verification required)	Small Business (Fiscal year revenue < 16.5 mil)	Corporate	Platinum
FREE!	\$250.00	\$350.00	\$500.00	\$1,000.00	\$2,500.00
Receive CDCA Member Alert emails	Receive CDCA Member Alert emails	Designated POCs to receive emails	Designated POCs to receive emails	Designated POCs to receive emails	Designated POCs to receive emails
Complimentary attendance to SBIOI	Complimentary attendance to SBIOI	Complimentary attendance to SBIOI for 2 employees	Complimentary attendance to SBIOI for 2 employees	Complimentary attendance to SBIOI for 5 employees	Complimentary attendance to SBIOI for all employees
Member Name, Email & Phone Number in the Member Index	Member Name, Email & Phone Number in the Member Index	All Company info and logo on CDCA Website	All Company info and logo on Member Index	All Company info and logo on Member Index	All Company info and logo on Member Index and Homepage
Complimentary attendance to annual CDCA Eastern Defense Summit	\$25 Discount for annual CDCA Eastern Defense Summit registration	\$50 Discount per attendee registration for annual CDCA Eastern Defense Summit	\$50 Discount per attendee registration for annual CDCA Eastern Defense Summit	\$75 Discount per attendee registration for annual CDCA Eastern Defense Summit	\$100 Discount per attendee registration for annual CDCA Eastern Defense Summit
* Available to active-duty military and civilian government employees. Not applicable to contractors. Applicants must use .gov or .mil email addresses to qualify.	* Individual Memberships are non-transferrable	Discounted Sponsorship rate for Eastern Defense Summit	Discounted Sponsorship rate for Eastern Defense Summit	Discounted Sponsorship rate for Eastern Defense Summit	Eligible for \$1000 Summit Sponsorship discount (Gold Sponsorship or higher)
			Eligible for Contracts Industry Council	Eligible for Contracts Industry Council	Eligible for Contracts Industry Council
				Eligible to sit on Board of Directors	Eligible to sit on Board of Directors
				Eligible to apply for Summer Intern Program	Eligible to apply for Summer Intern Program
				Eligible to vote (BOD Elections, Bylaws, etc.)	Eligible to vote (BOD Elections, Bylaws, etc.)
				Company logo displayed on member slideshow at SBIOI and Summit	Company Logo Displayed on member slideshow at SBIOI and Summit
					Eligible to share Company Spotlight at an SBIOI

Please Note:

All members are eligible to:

- Receive login for each POC to access the Member Page and Member Index
- Volunteer and Co-Chair on Committees

All designated POCs:

- Are added to the CDCA email distribution list
(POCs distribute info to rest of company if Not for Profit level or higher)

[Click here for more CDCA Membership information!](#)

Company Logo displayed on member slideshow in lobby at SBIOIs

Do you...

- Enjoy being creative and brainstorming with others?
- Enjoy seeing your work in action?
- Want to make a difference in our defense community/industry and learn more about it?
- Want to gain leadership experience?
- Want to make new business contacts?

See our “Committee” tab for a description of committees with contact information.

https://charlestandca.org/page/committees_overview





Facebook:

/CharlestonDCA



LinkedIn:

Charleston Defense Contractors Association



Twitter:

@CharlestonDCA



Instagram:

@CharlestonDCA



YouTube:

Charleston Defense Contractors Association



Let's Get Social!

Follow our pages on social media, where we share information on all our upcoming events and highlight industry partners and our sponsors. Also, be sure to tag us in any photos you share on your own social media pages during our events.





EASTERN DEFENSE SUMMIT

The Eastern Defense Summit, formerly known as the annual CDCA Defense Summit, is one of the largest defense-focused events on the East Coast, bringing more than 2,000 government, military, academia, and industry leaders together to better understand and address today's challenges and threats within our defense industry. The summit's theme, **"Collaborating on actionable solutions for our nation's pacing threats"** highlights the growing strategic threats to the United States and highlights the necessity to envision near-term solutions to such challenges.

The Eastern Defense Summit serves as a mechanism for defense industry leaders to collaborate on innovative solutions to enhance interoperability across defense assets. By presenting exhibits, technology demonstrations, keynote addresses, innovation spotlights, and high energy tech exchanges, the Summit provides an opportunity for all representatives to form workforce partnerships that result in a national defense tactical edge no foreign adversary can match.

Registration is open! Early Bird Rate ends tomorrow!

REGISTRATION FEES: General Registration:

\$550 – Early Bird (register *before* October 25, 2024)

\$675 – Advanced (register *between* October 25, 2024 and December 9, 2024)

\$775 – On-Site (register *on or after* December 10, 2024)

*** CDCA Members receive a discount**

**** Government & Media receive a complimentary registration**

***** Sponsorships and volunteer opportunities come with a complimentary registration, so be sure to check them out.**

Go to <http://www.easterndefensesummit.com> for more information



EASTERN DEFENSE SUMMIT



SAVE THE DATE

December 11-12, 2024
Charleston Area Convention Center
Charleston, SC

To register visit: easterndefensesummit.com

Interested in sponsoring? e-mail us at
sponsors@charlestondca.org

For more info



Do you...

- Want to make a difference?
- Enjoy supporting a volunteer organization?
- Want to help make the 2024 Eastern Defense Summit a success?
- Want to make new business contacts?
- Like to get a complimentary registration to attend the Eastern Defense Summit?

Sign up today to volunteer at the



December 11-12, 2024

https://charlestdca.org/page/committees_overview



2024 EASTERN DEFENSE SUMMIT SPONSORS

Thank you to those who have already signed up to Sponsor at the 2024 Eastern Defense Summit.

Email: sponsors@charlestdca.org or go to <http://www.easterndefensesummit.com> for more information on sponsoring.

Titanium Sponsors:

- GitLab
- Leidos
- SAIC
- Scientific Research Corporation

Silver Sponsor:

- IWRP
- Miller Wilson Consulting
- Modus21
- Nova Power Solutions
- Sentinel Blue

Dessert Break Sponsor:

- American Systems

Gold Sponsors:

- Booz Allen Hamilton
- Deltek
- DLH
- KBR
- M.C. Dean
- MFGS, Inc.
- Obsidian Solutions Group
- Sentar
- SteelCloud
- WR Systems

Breakout Panel Sponsors:

- Atlas Technologies
- ServiceNow



2024 EASTERN DEFENSE SUMMIT SPONSORS

Thank you to those who have already signed up to Sponsor at the 2024 Eastern Defense Summit.

Email: sponsors@charlestdca.org or go to <http://www.easterndefensesummit.com> for more information on sponsoring.

Mobile App Sponsor:

- Davis Defense Group

Coffee & Tea Sponsors:

- Engineering Services Network
- Red River Technology

Notepad Sponsor:

- Systems Technology Forum

Keynote Sponsor:

- Atlas Technologies
- Leidos

WiFi Sponsor:

- Resource Management Concepts

Networking Reception Sponsor:

- ManTech

Attendee Lanyard Sponsor:

- Akima

Meet the Leadership Social:

- BAE Systems

Speaker Reception Bar Sponsor:

- Guidehouse

Networking Reception Bar Sponsor:

- CGI Federal
- TVAR Solutions Group



December 11-12, 2024

These Sponsorship Opportunities are still available:

Email: sponsors@charlestdca.org

or go to

<https://www.easterndefensesummit.com>

for more information on sponsoring.

- Gold Sponsorship
- Speaker Reception Sponsor
- Parking Sponsor
- Registration Sponsor
- Aisle Signs Sponsor
- Media Lounge Sponsor
- Collaboration Space Sponsor
- Silver Sponsorship
- Swag Bag Sponsor (stadium bags)
- Main Stage Sponsor
- Lunch Sponsor
- Hand Sanitizer Sponsor
- Dessert Break Sponsor
- Keynote Speaker Sponsor
- Breakout Panel Sponsor
- Networking Lounge Sponsor
- Q&A Sponsor
- Exhibit Hall Stage Sponsor
- Hydration Station Sponsor



FOLLOW THE 2024 EASTERN DEFENSE SUMMIT ON SOCIAL MEDIA



Facebook:
[/CDCADefenseSummit](https://www.facebook.com/CDCADefenseSummit)



LinkedIn:
[cdca-defense-summit/](https://www.linkedin.com/company/cdca-defense-summit/)

Contracts Industry Council (CIC)

Industry Representatives



Purpose: To increase the degree of integration and quality of the business partnership between Naval Information Warfare Center, Atlantic (NIWC Atlantic) and Industry.

Call for CIC Nominations
will go out in
November 2024

Turnover Date	Sponsor	Size	Representative	Company
January 2025	CDCA	Small	Ed Cheron	LATG
January 2025	CDCA	Small	Mark Miller	Chugach
June 2025	CDCA	Large	Tad Walls	BAH
January 2026	CDCA	Small	Peter Woodhull	Modus 21
June 2026	NCMA	Small	Jessica Fletcher	Atlas Tech
January 2027	CDCA	Small	Lori Benson	RMC
June 2027	CDCA	Small	Lisa Perkins	Fathom 4
Industry Team Leader	Special Member	Large	Manny Lovgren	ORBIS

Learn more about the “CIC” on the CDCA website:

https://charlestandca.org/page/benefits_cic



Ms. Camila Anderson

Chair

CDCA SBIOI

Events & Engagements Committee

Thank You



**SBIOI
Sponsors!**

Hydration Station Sponsor:



Lanyard Sponsor:



Q&A Sponsor:



BANK OF AMERICA

Registration Sponsor:





Thank You

**SBIOI
Exhibitors!**

- Bank of America
- Biorn Group Cyber
- CDCA Nominating Committee
- Corporate Information Technologies
- H&H Talent Solutions
- IWRP Consortium
- S4 Systems
- SMPL-C



Remember to stop by the
Take One Table
in the lobby!

SBIOI Q&A Application

Sponsored by:



Access via browser @ www.vevox.com or download the mobile app!!!

69th CDCA SBIOI

Session ID:

173-124-771





WE WOULD LOVE
TO HEAR FROM YOU

Please complete our survey on the Q&A App,
Sponsored by *Bank of America*, via:
www.vevox.com or mobile app

Your feedback will help us provide you
the best experience possible.

Please submit your survey by 3:00 pm on the last day of the
SBIOI (24 Oct) for a chance to win a \$50 gift card from the
CDCA!

Congratulations!

Previous Survey Gift Card Winners:

66th SBIOI:

Susan Lewis, Skylla

67th SBIOI:

Kathryn Cox, Linchpin Solutions

68th SBIOI:

Rick Martier, Joint Tactics and Technologies

69th CDCA SBIOI
Session ID:
173-124-771



Today's Presentations will be posted!



NIWC Atlantic Briefs: <https://www.niwcatlantic.navy.mil/for-industry/>

All Other Briefs: https://charlestondca.org/page/events_sbioi_69





Save the Date
for the next

CDCA SBIOI

70th SBIOI: March 11-12, 2025

71st SBIOI: July 15-16, 2025

72nd SBIOI: October 15-16, 2025

SBIOI Networking Events:

March 11, 2025

July 15, 2025

October 15, 2025

CDCA'S 69th SBIOI AGENDA Day 1

Day 1: Wednesday, 23 Oct 2024

- 08:30 Mr. Gary Jaffe, President, Charleston Defense Contractors Association
"CDCA Welcome and Opening Remarks"
- 08:45 Camila Anderson, Chair, CDCA Events Committee
"Introduction of Agenda and Speakers"
- 08:50 Platinum Company Spotlight: American Systems Corporation
- 08:55 CAPT G. Reed Koepp II, Joint Base Charleston Deputy Commander and Naval Support Activity Charleston Commander
"Introduction and Command Update"
- 09:25 Q&A Session
- 09:35 Platinum Company Spotlight: Booz Allen Hamilton
- 09:40 Coffee & Networking Break
- 09:55 Greg Lancaster, SSTM Fleet C4I & Readiness Department Head, NIWC Atlantic
Travis Tillman, Deputy 100's Deputy Department Head, NIWC Atlantic
John Thompson, Battle Space Awareness (PMW 120) Division Head, NIWC Atlantic
Jeff Sweeney, IA & Navy Cyber Security (PMW 130) Division Head, NIWC Atlantic
John Meade for Chris Purdy, Navy Afloat Network and C2 Application (PMW 150/160) Division Head, NIWC Atlantic
Robert James, Navy Afloat Transport & Navigation (PMW 170) Division Head, NIWC Atlantic
Sheela Casper, 2.0 Lead, C4I 100s/Science & Technology Department, NIWC Atlantic
- 11:20 Q&A Session
- 11:30 Lunch
- 12:30 Mr. Ryan Bellack, Deputy for USCG C5ISC Infrastructure Services Division (ISD)
- 1:00 Q&A Session
- 1:10 Platinum Company Spotlight: HII Mission Technologies
- 1:15 Ms. Sasha Pascual, Program Manager [supporting Acquisition Planning Services], NIWC Atlantic
"Pitch Jam / Prize Challenges update"
- 1:30 Platinum Company Spotlight: MLT Systems
- 1:35 Mr. Matthew Romero, Customer Advocate, Naval Surface Warfare Center, Crane Division, NAVSEA
Ms. Kaylee Diamond, Deputy for Small Business, Naval Surface Warfare Center, Crane Division, NAVSEA
- 2:05 Q&A Session
- 2:15 Mr. Pete Van de Meulebroecke, Co-Chair, CDCA Events & Engagements SBIOI Committee
"Closing Remarks and Announcements"
- 2:30 PEO C4I PMW 100's Department Speed Networking (1.5 hrs) - *Separate registration and pre-registration required by 4 pm on 11 Oct*
- 4:00 – 6:00 PM Networking Event hosted by AFCEA Lowcountry, CDCA and WID Palmetto (pre-registration required)
Location: Share House, 23 Ann Street, Charleston, SC

CDCA'S 69th SBIOI AGENDA Day 2

Day 2: Thursday, 24 Oct 2024

- 08:30 Ms. Camila Anderson, Chair, CDCA Events & Engagements SBIOI Committee
"Introduction of Agenda and Speakers"
- 08:35 Platinum Company Spotlight: S4 Systems
- 08:40 Mr. Greg Hays, SSTM, Rapid Prototyping and Experimentation, NIWC Atlantic
"Command Update"
- 09:10 Q&A Session
- 09:20 Platinum Company Spotlight: Scientific Research Corporation
- 09:25 Coffee & Networking Break
- 09:40 Kevin Gerald, Deputy 700's/FIRD
Martina Jackson, Foreign Military Sales/Air Integration/USCG (PMW 740) Division Head, NIWC Atlantic
Mark Held, Surface Ship Integration (PMW 750/760) Division Head, NIWC Atlantic
James Landreth, Submarine Integration (PMW 770) Division Head, NIWC Atlantic
Kevin Gerald for Mark Luther, Shore C4I Integration (PMW 790) Division Head, NIWC Atlantic
Jeffrey Creson for Linda Reynolds, Fleet Installations and Response Division Head, NIWC Atlantic
Todd Rollins, 2.0 Lead, C4I 700s/FIRD, NIWC Atlantic
- 11:20 Q&A Session
- 11:30 Lunch
- 12:30 Mr. Lee Stubbs, Chief Technology Officer, Fleet C4I and Readiness Department, NIWC Atlantic
Mr. Matt Blair, Chief Engineer, Fleet C4I & Readiness Department, NIWC Atlantic
- 1:10 Q&A Session
- 1:20 Platinum Company Spotlight: WR Systems
- 1:25 Tammi Jackson-Griffin, Interior Communications Unclassified Video Program Manager, NAVSEA 05H5
- 1:55 Q&A Session
- 2:05 Coffee & Networking Break
- 2:15 Mr. John O'Connor, Deputy Director, Office of Small Business Programs (OSBP), NIWC Atlantic (15 min)
- 2:30 Mr. Steve Harnig, NIWC Atlantic 2.0 Contracts Competency Director, NIWC Atlantic
"NIWC Contracts and CIC Update"
Mr. Todd Rollins, Fleet C4I 700s & Readiness, NIWC Atlantic
Ms. Erica Smoak, Expeditionary Warfare/Enterprise Systems/Non-Department, NIWC Atlantic
Mr. Adam Solivan, Shore C2ISR & Integration, NIWC Atlantic
Ms. Sheela Casper, C4I 100s/Science & Technology Department, NIWC Atlantic
Mr. Giancarlo Dumenigo, Agreements Officer, NIWC Atlantic
- 2:40 Q&A Session
- 2:50 Mr. Pete Van de Meulebroecke, Co-Chair, CDCA Events & Engagements SBIOI Committee
"Closing Remarks and Announcements"
- 3:00 PEO C4I PMW 700's Department Speed Networking (1.5 hr) - Separate registration and pre-registration required by 4 pm on 11 Oct

Company Spotlight



American Systems

We know what's at stake.®



AMERICAN SYSTEMS Overview





Corporate Overview

About Us...

- We are a Federal Government contractor, formed in 1975, delivering a diverse array of services to *Strategic Business Areas* Through *Strategic Offerings* and *Strategic Solutions*
- 1,580+ Employee Owners (ESOP Company), 2023 Revenue \$450M
- Active Small Business Partner with Dedicated Corporate Small Business Advocate
 - Current SBA Mentor Protégé participant
 - Commitment to Small Business Contracting Goals. 40% of our current active vendor database is small business including: SDB (10%); WOSB (15%); HUBZone (2%); VOSB (20%); and SDVSOB (10%)

Strategic Offerings

- Program Mission Support
- Engineering and Analysis
- Information Technology
- Test and Evaluation
- Training



Corporate Overview (cont.)

Contract Vehicles

- GSA: Alliant 2; Human Capital and Training Solutions (HCaTS), OASIS Pools 1, 3, and 4; Multiple Award Schedule
- IDIQs: Navy Seaport-NXG; Army ITES-3
- Agile Contracting Services: SBIR Phase III; OTAs, Section 874 ESOP-owned Sole Source

Awards



Strategic Business Areas



Certifications



ISO 9001:2015 certified for specific technical and management processes



ISO 27001:2013 certified Information Security Management System program



ISO 20000-1:2018 certified Service Management System program





Service Approach to Delivery

Information Technology

- Enterprise Architecture
- Systems Integration, Application & Mobile Development
- Cloud Computing
- Call Centers, Service Desk, and End User Services
- Information and Data Management
- IT Service Management
- Cyber Services/Information Security

Program Mission Support

- Program Management
- Configuration Management (CM)
- Technology Insertion and Management
- Lifecycle Management
- Engineering Support
- Test and Trial Support
- Financial Management

Engineering & Analysis

- Systems Design and Development
- New Technology Development and Insertion
- Operational Analysis and Support
- Reverse Engineering/Forensic Analysis
- Research and Analysis

Test & Evaluation

- Independent Verification and Validation (IV&V)
- Operational Test & Evaluation (OT&E)
- Test Policy and Oversight
- Developmental Test & Evaluation (DT&E)
- Interoperability/Penetration Testing

Training

- Classroom/On-Site
- Modeling and Simulation (M&S)
- Computer-Based Training (CBT)
- Virtual Training
- Over-The-Shoulder/OJT
- Instructional Systems Design (ISD)



Small Business Supplier Diversity Program

- **Small Business Program rated “Very Good” by DCMA.**
 - In FY2023, nearly 50% of our sourcing was awarded to small businesses.
 - Dedicated SBLO to assist, guide, and mentor small businesses
 - Outreach activities including matchmaking, networking events, capability briefings, and mentor-protégé programs
- **Small Business Awards**
 - GSA Mentor of the Year Award
 - SECAF Small Business Partner of the Year Award
 - Military Friendly® Top 10 Supplier Diversity Program Award

Small Business Supplier Diversity Partner Network Application:

<https://AmericanSystems.com/Supplier-Diversity>



“Collaborating with small and diverse businesses is a vital element of the strategic solutioning AMERICAN SYSTEMS provides our federal government customers. Our Small Business Partner Program establishes a solid foundation to continuously improve our sourcing, procurement, and teaming processes while nurturing existing relationships and developing new ones across the small business community. AMERICAN SYSTEMS stands strong in our engagement, support, and partnerships with qualified small businesses to enhance our capabilities. We look forward to the continuous expansion of our small business network.”

We know what's at stake.®



Questions?

Alison Gonzalez, alison.gonzalez@americansystems.com

Amanda Madison, amanda.madison@americansystems.com

Anthony Prause, anthony.prause@americansystems.com

Mike Schutte, michael.schutte@americansystems.com

Hezekiah White, hezekiah.white@americansystems.com





CAPT Reed Koepp

Joint Base Charleston Deputy Commander
and
Naval Support Activity Charleston Commander



WE ARE the DoD's Premier Power Projection Platform

Strategic Impact

70% of Shipments Originate From Our Seaports

Military Sealift and Logistics Hub

Defense Contractors Activity & Local Economy

Global Airlift Operations

Naval Nuclear Power
Training Command

Naval Information Warfare Center

50% of Wartime Reserve of Naval Mines

Questions?

Company Spotlight



Booz Allen Hamilton

**Booz
Allen®**

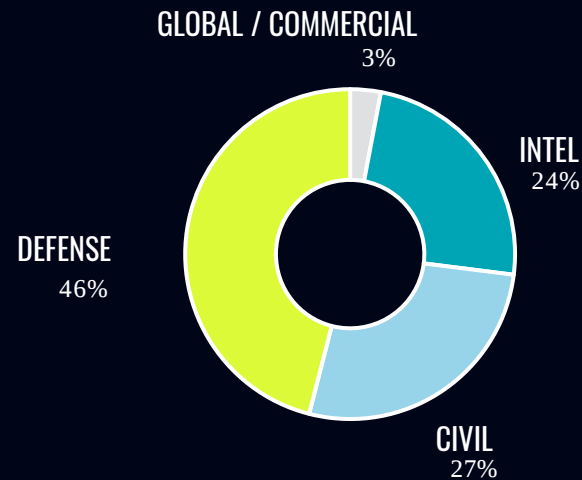


CHARLESTON OPERATIONS SPOTLIGHT

OCTOBER 2024
SBI01

BOOZ ALLEN CORPORATE OVERVIEW

We bring bold thinking and a desire to be the best in our work in consulting, analytics, digital solutions, engineering, and cyber and with industries ranging from defense to health, energy, and international development.



34,500+
NUMBER OF EMPLOYEES
As of 01 Oct 2024

Founded in 1914

Headquartered in McLean, VA

SINGLE P&L

World Class Expertise



CHARLESTON OPERATIONS

Remount Road



- Approx 100,000 sq ft facility space in Charleston
- Expanding lab, integration, and warehouse space within footprint

Bankton Circle

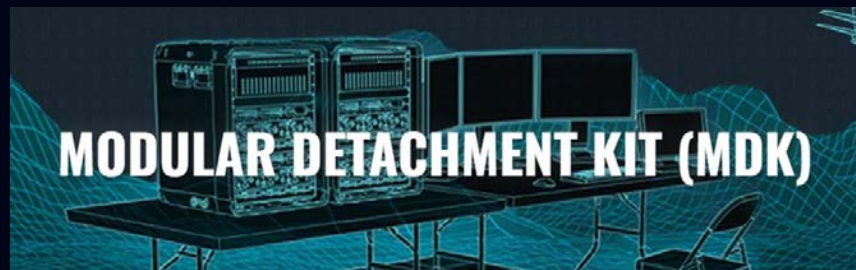


Clements Ferry Road



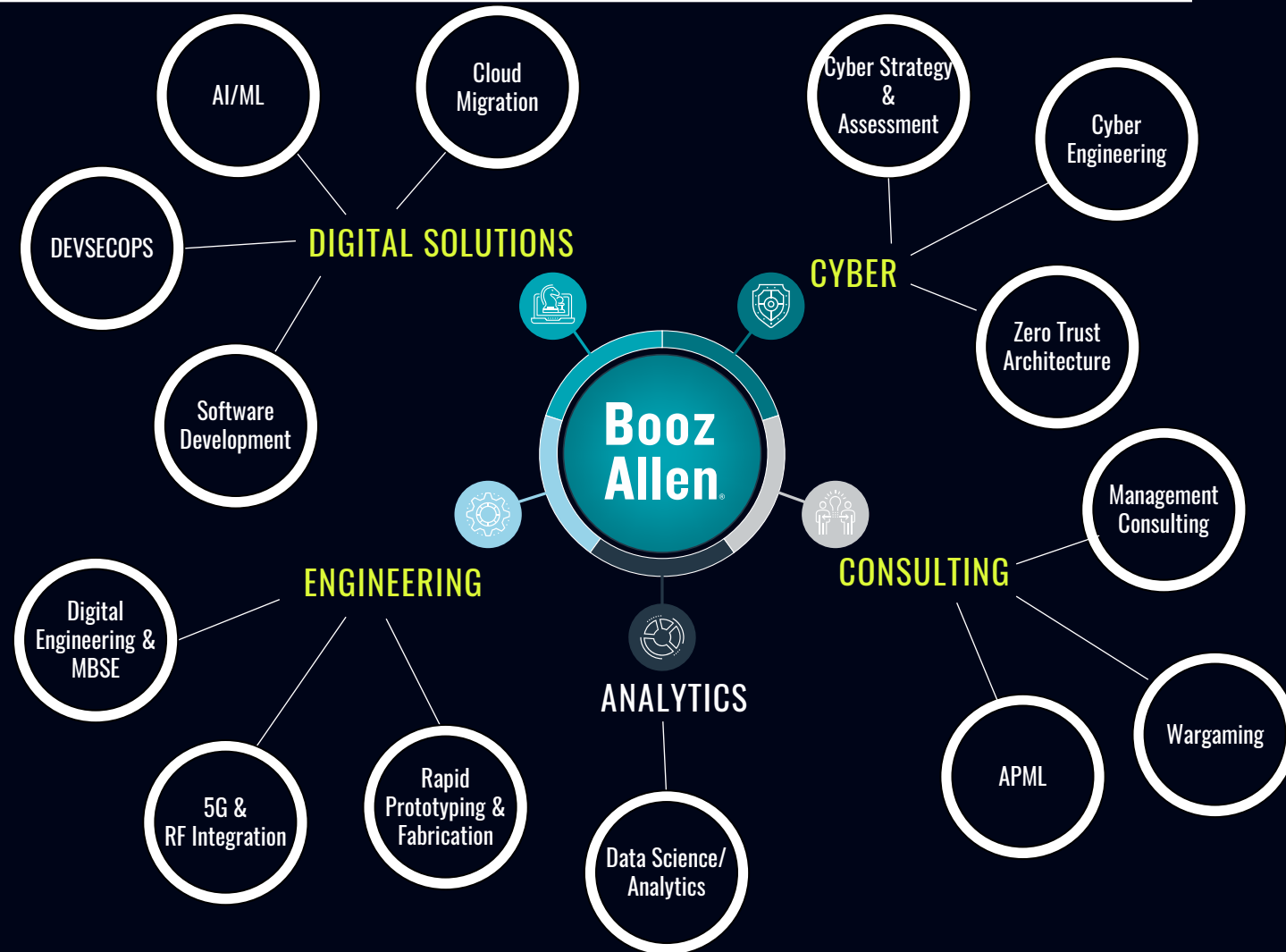
INVESTING IN THE MISSION

CHARLESTON OPERATIONS



Booz Allen's Modular Detachment Kit (MDK) revolutionizes tactical command and control (C2), offering unprecedented multidomain integration by seamlessly fusing sensor and datalink information. Bridging the technological gap, MDK introduces a modular, tailored mobile approach that provides warfighters with a clear understanding of the battlespace.

Coalition and Joint Interoperability
Tactical- to Theater-Level Visualization
Expandable, Open Architecture



INVESTING IN THE MISSION – AT A GLANCE

ARTIFICIAL INTELLIGENCE



\$1B

of AI Work

The largest provider of public sector AI services today. Source: Bloomberg Government



150+

AI Projects

Existing cross-market portfolio captured through early-mover advantage



\$800M

CDAO

Lead Solutions Integrator for the Chief Digital and Artificial Intelligence Office Joint Warfighting Operations Mission Initiative



500+

AI/ML Practitioners

4,000+ Data Scientists



63

Patents

Patents in AI, Machine Learning, and Deep Learning generated from our AI research



83,830

Data Science Hours Volunteered

Via pro bono work and the Data Science Bowl, the largest data science for social good competition in the world

EASTERN DEFENSE SUMMIT – VISIT BOOTH 509 FOR MORE DISCUSSIONS!



Booz | Allen | Hamilton®

EASTERN DEFENSE SUMMIT

SCHEDULE OF EVENTS

DEC 11-12, 2024 - BOOTH 509



Booz
Allen®

LOGWERX

MDK

Booz Allen Modular Detachment Kit

THANK YOU CDCA!

Booz | Allen | Hamilton

Johnathan Allin, PMP

Senior Associate

1141 Remount Road Suite 300A

North Charleston, SC 29406



Coffee & Networking Break

Next session begins
at 9:55 am





Naval Information Warfare Center Atlantic Fleet C4I and Readiness Department

69th Strategic Business Industry Outreach
Initiative (SBIOI) Symposium

23 October 2024

Mr. Greg Lancaster, SSTM
Fleet C4I and Readiness Department Head

Mr. Travis Tillman
Fleet C4I and Readiness
Deputy Department Head (100s)

Mr. Kevin Gerald
Fleet C4I and Readiness
Deputy Department Head (700s)



FLEET C4I & READINESS DEPARTMENT
Department Head
Gregory Lancaster, SSTM

FY24: 1,488.5 Gov/Mil FTEs
180 Programs / Projects
FY24 TOA: \$1.667B

Deputy Department Head 100s
Travis Tillman

Deputy Department Head 700s, 01CA2
Kevin Gerald

Battle Space Awareness Division (PMW 120) John Thompson	IA & Navy Cyber Security Division (PMW 130) Jeff Sweeney	Navy Afloat Network & C2 Applications Div. (PMW 150/160) Chris Purdy	Navy Afloat Transport & Navigation Division (PMW 170) Robert James	Foreign Military Sales/Air Integration/USCG Division (PMW 740) Martina Jackson	Surface Ship Integration Division (PMW 750/760) Mark Held	Submarine Integration Division (PMW 770) James Landreth	Shore C4I Integration Division (PMW 790) Mark Luther
Afloat Signals Exploitation Patrick Kistner	Navy Cyber Scott Bell	Tactical Networks SW Support Sabrina Keys	Afloat Transport Systems, Britt Lowery	NAVAIR FMS Barbara Clothier	Surface New Construction George Oakley	Submarine CWITT & SWFTS Modernization Michael Smith	Naval Messaging Laura Prause
Distributed Common Ground System-Navy (DCGS-N) Guy Miller	Network Security Wesley Hilderbrand	CANES Engineering Chris Thornley	Software Defined Radio, Michael F Johnson	TacMobile Jim Hadley	Large Deck New Construction Joe Nitz	Afloat Submarine C4I Krista Carter	Tactical Shore Systems Sharetta Maynor
Integrated Undersea Surveillance System (IUSS) Michael Glover	Crypto and Key Management Michael Johnson, Jr	TACNET Deployment Michael Aselin	Position, Navigation, & Timing (PNT) Jared Judy	US Coast Guard John White	Interior Communications Randy Freeman	Shore Submarine C4I John Aller	Unified Cap. Voice Solutions Kevin Thorpe
	Multi Level Security Engineering (MLSE) Sonja McKelvey	Naval C2 John Meade	PNT ISEA Brandon Solis	C4I Foreign Military Sales Laura Sheridan		Submarine Software and Tools Development Tanashia Scott	Secure Voice Solutions Wayne Lathrop
			Radio Communications Tim Logan				
			DISA SATCOM Astles, Mallory D				

Department Program Manager– George Spellman
Deputy Department Program Manager– Ray Chappell

PMW 130/150/740/USCG Meagan Haga	PMW 750/ 760/ 770 Ray Bocook
PMW 120/ 160/ 790 Ray Bocook (Acting)	PMW 790 Ray Chappell
PMW 170/ 770/ FIR Div Stuart Shoup	

Fleet Installations and Response Division – Linda Reynolds
FIO Execution Manager – Dean L'Hoste

Fleet Support Office James Frankhouser	Submarine Mod. C4I Brian Toth
Surface Mod. Unit Level Ryan Jones	Shore Modernization Jeffrey Creson
Surface Mod. Force Level Greg Florence	

Blue = CHS
Red = Tidewater
Green = Other

Fleet C4I and Readiness Department

Vision: To Deliver a Fleet Focused Information Warfare Advantage

Mission: We engineer, test and evaluate, install, and sustain Command, Control, Communications, Computers, & Intelligence (C4I) systems that give our Fleet an information advantage over our adversaries.

Major Sponsors

PEO C4I

- PMW 120
- PMW 130
- PMW 150
- PMW 160
- PMW 170
- PMW 740
- PMW 750/760
- PMW 770
- PMW 790

FRD

NAVSEA
NAVAIR
USCG
Fleet Cyber
Numbered Fleets

Carrier Underway Experience



- ▼ 13 riders from across NAVWAR – targeted Senior Leadership at NIWC Atlantic, PEO MLB, and PEO Digital
- ▼ Embarked recent - COD Flight Off
- ▼ Experienced life on board including Carrier Flight Operations, Underway Fuel Replenishment, MK 15 Phalanx CIWS Test Fire, Meals, Berthing, etc.
- ▼ Lots of time for tours, system demos, and sailor direct feedback about NAVWAR systems



Department Priorities

Vision: To Deliver a Fleet Focused Information Warfare Advantage

▼ Speed to Capability

- Modular Capability Upgrades
- Continuous Capability Delivery
- Smart Risk-Taking
- Increase Fleet Operational Availability (A_o)

▼ Quality On-Target Delivery

- DevSecOps
- Cyber Resilient
- Constantly Innovating
- Designed for Installation and Sustainment

▼ Fleet Centered Design

- Focus on needs of Sailor/Fleet
- Sailor Self Sufficiency
- Interoperable



100s

FLEET C4I & READINESS DEPARTMENT
Department Head
Gregory Lancaster, SSTM

FY24: 1,488.5 Gov/Mil FTEs
180 Programs / Projects
FY24 TOA: \$1.667B

Deputy Department Head 100s
Travis Tillman

Deputy Department Head 700s, 01CA2
Kevin Gerald

Battle Space Awareness Division (PMW 120) John Thompson	IA & Navy Cyber Security Division (PMW 130) Jeff Sweeney	Navy Afloat Network & C2 Applications Div. (PMW 150/160) Chris Purdy	Navy Afloat Transport & Navigation Division (PMW 170) Robert James	Foreign Military Sales/Air Integration/USCG Division (PMW 740) Martina Jackson	Surface Ship Integration Division (PMW 750/760) Mark Held	Submarine Integration Division (PMW 770) James Landreth	Shore C4I Integration Division (PMW 790) Mark Luther
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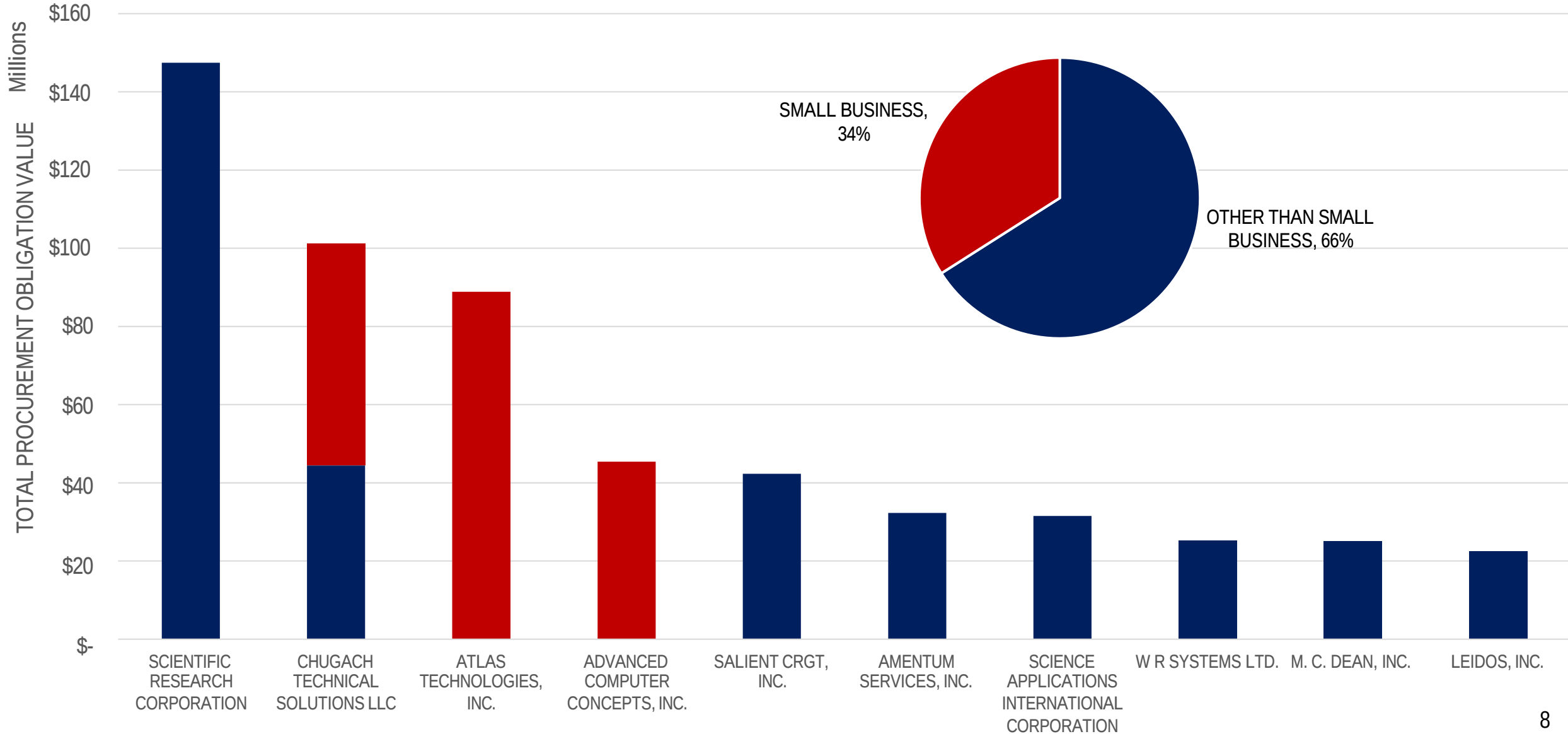
Fleet Support Office James Frankhouser	Submarine Mod. C4I Brian Toth
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Blue = CHS
Red = Tidewater
Green = Other

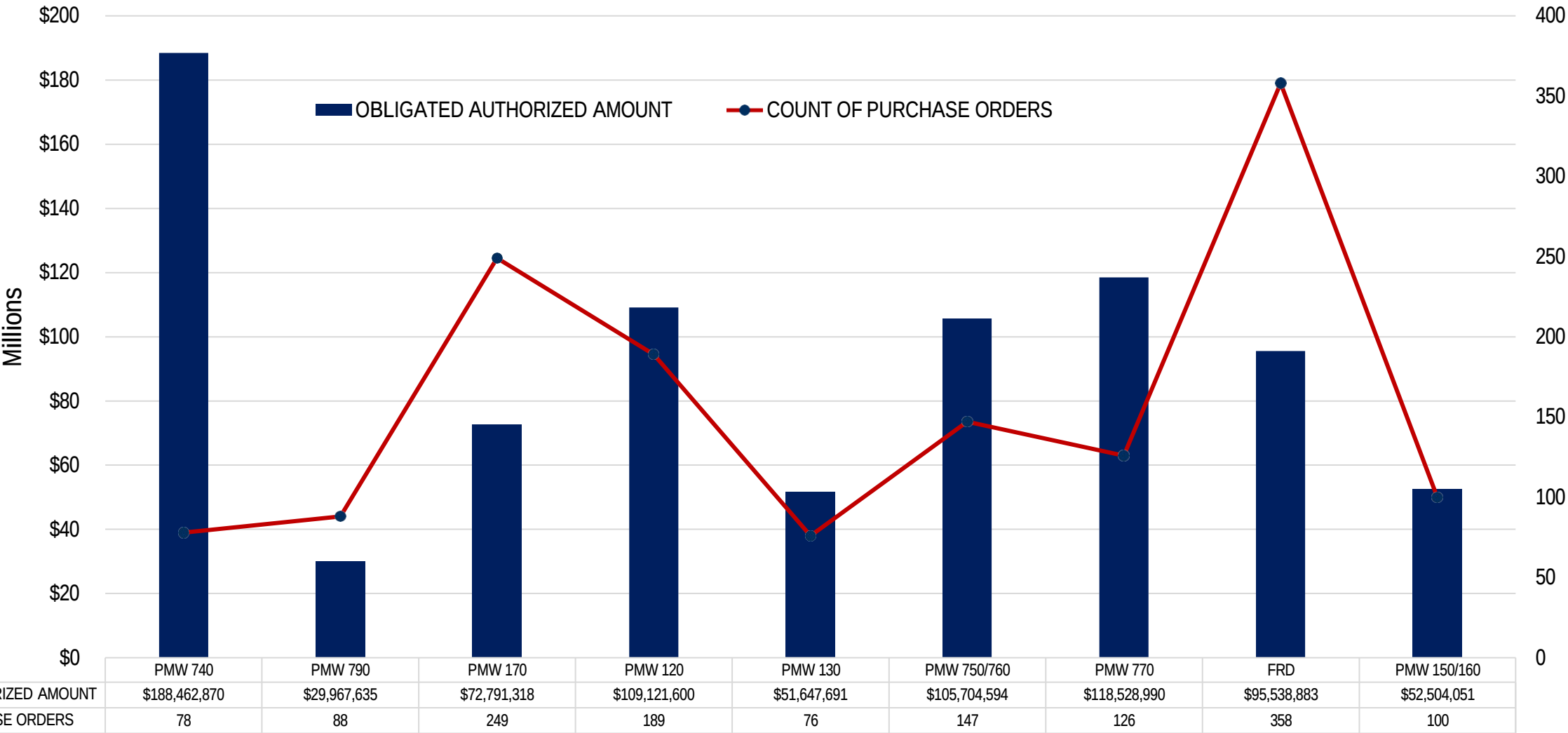
“100” Deputy background – Travis Tillman

- ▼ Born in Charleston, raised on 29412
- ▼ BSEE from The Citadel
- ▼ Married 25 years, with two sons which both have at least one degree from Clemson
- ▼ Entered Civil Service July 1995 with NIWC LANT predecessor NISE East
- ▼ Majority of career working Ships “Newcon” as a Project engineer, project lead and finally as an embedded IPM for PMW 760 before moving up the org within NIWC LANT with 2 stops as Div Head prior to becoming the “700s” deputy in May 2018
- ▼ Transitioned to “100s” deputy in March 2024

FY24 FC4I Top 10 Industry Partners by Ceiling Funded/Obligated (NIWC LANT-N65236 Issued Awards Only)



FY24 FC4I Funded/Obligated by Division (NIWC LANT-N65236 Issued Only)





PMW120

Battlespace Awareness Division Overview

▼ What We Do

- Deliver intelligence and information operations data, products and services that provide Information Warfare solutions for the Fleet.

▼ Major Systems

- PMW 120
 - Distributed Common Ground System – Navy (DCGS-N)
 - Ship's Signal Exploitation Equipment (SSEE)
 - Cryptologic Carry-On Program (CCOP)
 - Automatic Identification System (AIS)
 - Joint Tactical Terminal – Maritime (JTT-M)
 - Integrated Communications and Data System (ICADS)
- PMS 485
 - Integrated Undersea Surveillance System (IUSS)

Support includes Intelligence Surveillance Reconnaissance /Information Operations (ISR/IO) systems, engineering services and direct support to the Fleet.



FY24 TOA: \$170M

Primary Customers

- PEO C4I PMW 120
- Fleet Readiness Directorate (FRD)
- NAVSEA & PEOs
- PMS 485 Maritime Surveillance Systems

Upcoming Contract Development Efforts (1 of 3)

▼ Distributed Common Ground Station (DCGS-N) Test and Evaluation and Cybersecurity Support

- Test & Evaluation (T&E) and Cybersecurity services for development, production, site acceptance testing, installation, and sustainment support to the Navy Acquisition Category (ACAT) and Software Acquisition Pathway (SwAP) Distributed Common Ground System – Navy (DCGS-N) Family of Systems (FoS) and other Program Manager Warfare (PMW) 120 programs in support of the Battlespace Awareness (BA) Division at the Naval Information Warfare Center Atlantic (NIWC Atlantic).

- Acquisition Strategy
 - Seaport NxGen - Unrestricted
- Solicitation/PID#
 - N65236-23-RFPREQ-LSUBP00022-0154
- RFP Estimated: Q1 FY25
- Estimated ROM: >=\$10M,<\$50M
- Contract award planned for: Q2 FY25
- Classification: TS
- Location of performance:
 - Contractor facilities
 - Government facilities in the following states/countries:
 - Charleston
 - San Diego

Upcoming Contract Development Efforts (2 of 3)

▼ ISR/IO Integrated Logistics Support (ILS) and Configuration Management (CM)

- Integrated Logistics Support (ILS), Software Support Activity (SSA), and Configuration Management (CM) for development, production, installation, and sustainment support for the Navy Acquisition Category (ACAT), Software Acquisition Pathway (SwAP), and Abbreviated Acquisition Programs (AAP) Battlespace Awareness (BA) Division programs at Naval Information Warfare Center (NIWC) Atlantic.
- NIWC Atlantic requires ILS and CM services to support PMW 120, PMW 740 (FMS), and NAVSEA customers. Services are required for the following ISR/IO programs: Ship's Signal Exploitation Equipment (SSEE) Family of Systems (FoS), (Spectral as the next SSEE Increment), Cryptologic Carry-On Program (CCOP), SSEE Ship New Construction (SCN), Foreign Military Sales (FMS) United Kingdom (UK)/New Zealand (NZ), Distributed Common Ground System – Navy (DCGS-N) FoS, Intelligence Carry-On Program (ICOP), Joint Tactical Terminal - Maritime (JTT-M), Automatic Identification System (AIS), Maritime Domain Awareness (MDA), and Integrated Communications and Data System (ICADS).

- Acquisition Strategy
 - Seaport NxGen - SBSA
- Solicitation/PID#
 - N65236-23-RFPREQ-LSUBP00022-0003
- RFP Estimated: **Q2 FY25**
- Estimated ROM: **>=\$50M,<\$100M**
- Contract award planned for:
Q3 FY25
- Classification: TS/SCI access
- Location of performance:
 - Contractor facilities
 - Government facilities in the following states/countries:
 - Charleston

Upcoming Contract Development Efforts (3 of 3)

▼ ISR/IO and ICADS Engineering and Technical Support

- Engineering and technical services are required for the ISR, IO, and Electromagnetic Maneuver Warfare (EMW) systems in support of the software and hardware components of the following Navy ACAT, Software Acquisition Pathway (SwAP), and AAP programs: Integrated Communications and Data System (ICADS), Ship's Signal Exploitation Equipment (SSEE) (IO/ISR) Family of Systems (FoS), Cryptologic Carry-On Program (CCOP), Distributed Common Ground System – Navy (DCGS-N) FoS, Intelligence Carry-On Program (ICOP), Joint Tactical Terminal - Maritime (JTT-M), and Automatic Identification System, (AIS).
- Engineering & technical services include cybersecurity, engineering & technical support, intermediate level repair facility, fleet maintenance engineering support, distance support, on-site support, maintenance & operator training, deployment grooms, software engineering, integration, test & evaluation, and equipment & material procurement support.

- Acquisition Strategy
 - Seaport NxGen - TBD
- Solicitation/PID#
 - N65236-24-RFPREQ-LSUBP00022-0217
- RFP Estimated: Q4 FY25
- Estimated ROM: >=\$50M,<\$100M
- Contract award planned for: Q1 FY26
- Classification: TS/SCI access
- Location of performance:
 - Contractor facilities
 - Government facilities in the following states/countries:
 - Charleston

Battlespace Awareness Division — Future Opportunities & Needs

▼ Future Opportunities/Growth

- Cybersecurity Compliance to include Risk Management Framework (RMF)
- Innovation for Electromagnetic Maneuver Warfare (EMW), Automation, and Cyber Exploitation
- Intelligence Community Data Flows
- Data Analytics for System Health & Status
- Artificial Intelligence & Machine Learning (AI/ML)
- Antenna Technology

▼ Where Industry Can Help

- Technology
 - Emerging EMW technologies for SIGINT, Multi-INT, & IMINT
 - Remote System Health & Status Tools
- Solutions
 - Gov't Cloud Security
 - Data Flow in limited bandwidth environment
- Professionals
 - Gov't Cloud experience on all enclaves
 - Cyber accreditation using RMF
 - Experienced SIGINT, Multi-INT, & IMINT In-Service Engineering Activity (ISEA) professionals for Afloat Platforms

PMW 130

Cybersecurity Division Overview

▼ What We Do

- Rapidly deliver cybersecurity products and services to ensure continued protection of Navy and joint information, tele-communications and information systems.

▼ Major Systems

- Network Security: Computer Network Defense (CND), Platform Boundary Defense (PBD), Sharkcage
- Serial Crypto
- Key Management Infrastructure (KMI)
- Public Key Infrastructure (PKI)
- Tool Development

Support includes products and services to ensure strong authentication, data integrity, confidentiality, non-repudiation and availability of network resources and information.



FY24 TOA: \$124.7M

Primary Customers:

- PEO C4I PMW 130
- Fleet Readiness Directorate (FRD)
- Fleet Cyber Command (FCC) / Tenth Fleet (C10F)
- National Security Agency (NSA)
- United States Cyber Command (USCC)
- Navy Cyber Warfare Development Group (NCWDG)

Cybersecurity Division

Future Opportunities & Needs

▼ Future Opportunities/Growth

- Cyber Warfare Capabilities IPT
 - Computer Network Operations Capability Development
 - Model Based Systems Engineering (MBSE)
 - Assessment & Authorization (A&A)
 - Artificial Intelligence and Data Analytics in Intrusion Prevention and Detection Systems
 - Software/Tool Development
 - Analysis and Development of Enterprise Data Strategies
 - Network Engineering, Architecture, Requirements Analysis and Systems Engineering in support of Cyberspace Operations
 - DevSecOps and Continuous Integration/Continuous Development for Higher Than Secret pipeline developers

▼ Where Industry can Help

- Match and deliver the Navy's demand for new technologies and equipment.
- Ensure the growth and health of technical knowledge and skills.
- Improve planning and communication. Keep lines of communication open, deliver on time.

Cybersecurity Division

Future Opportunities & Needs (cont.)

▼ Future Opportunities/Growth

- Multi-Level Security Engineering (MLSE) IPT
 - Cross Domain Solution (CDS) Analysis of Alternatives (AoA)
 - CDS Requirements Analysis
 - CDS Domain Information (CDI) Flow Development
 - CDS Assessment and Authorization (A&A)
 - Site Based Security Assessments (SBSAs)
 - Lab-Based Security Assessments (LBSAs)
 - Mandatory Access Control (MAC) and Discretionary Access Control (DAC) Analysis

▼ Where Industry can Help

- Match and deliver the Navy's demand for Cross Domain Solution (CDS) technologies and equipment.
- Ensure the growth and health of technical knowledge and skills in CDS.

PMW 150 & 160 Navy Afloat Networks and Command & Control Applications Division Overview

▼ What We Do

- Rapidly deliver integrated wide area, local area networking and foundation computing systems, products and services to naval warfighters. Deliver operational and tactical command and control capabilities and software applications by integrating real-time and near real-time representations of tactical situations and providing targeting support.

▼ Major Systems

- | | |
|---|---|
| ▪ Consolidated Afloat Network Enterprise Services (CANES) | ▪ Common PC Operating System Environment (COMPOSE) |
| ▪ Automated Digital Network System (ADNS) | ▪ Operation Rolling Tide (ORT) |
| ▪ Combined Enterprise Regional Information Exchange System-Maritime (CENTRIX-M) | ▪ Agile Core Services (ACS) |
| ▪ Integrated Shipboard Network System (ISNS) | ▪ Project Overmatch (Cloud Environment support) |
| | ▪ Defense Readiness Reporting System – Afloat (DRRS-Afloat) |
| | ▪ Global C2 System – Maritime and Global C2 System – (GCCS-M) |



FY24 TOA: \$83M Primary Customers

- PEO C4I PMW 160
- PEO C4I PMW 150
- NAVSEA PMS 505
- US Fleet Forces Command
- Fleet Readiness Directorate (FRD)

- Theatre Battle Management Core System (TBMCS)
- Joint Automated Deep Operations Coordination System (JADOCS)
- Tactical Data Links 11, 16, and 22
- Link Monitoring & Management Tool (LMMT)
- Multi-Data Link Management System (MDLMS)

Note: Tasking will include Naval Surface/Shore, Submarine, Military Sealift Command (MSC) and U.S. Coast Guard (USCG) platforms

Support includes delivering effective, robust and cost-efficient networks for Navy tactical forces.

Navy Afloat Networks and Command & Control Applications Division

Future Opportunities & Needs

▼ Future Opportunities/Growth

- DevSecOps CI/CD pipeline
- AI/ML
- Containerization deployment and CI/CD
- Enhanced Distance Support
- Proactive Automation, Integration, Installation, and Sustainment of COTS and GOTS
- Cybersecurity Compliance to include Risk Management Framework (RMF) and Rapid Assess and Incorporate Software Engineering (RAISE 2.0)
- Software Defined Networking (SDN)
- Systems Management

▼ Where Industry can Help

- Innovation beyond current tasks at hand, be willing to lead the government/ industry team into new technology areas
- Mission focused, credentialed, cleared professionals that are flexible on work location

▼ What We Do

- Rapidly deliver assured and resilient Communications and Position, Navigation and Timing (PNT) solutions and services, tailored to enhance information warfare capabilities in maritime contexts. Provide Subject Matter Experts (SMEs), test and acquisition support for waveforms being developed for use within the battlefield.

▼ Major Systems

- Navy Multiband Terminal (NMT)
- Global Broadcast System (GBS)
- Commercial Broadband Satellite Program (CBSP)
- Digital Modular Radio (DMR)
- Battle Force Tactical Network (BFTN)
- GPS-based Positioning, Navigation and Timing Service (GPNTS)
- DISA Teleports/Gateways
- Inertial Navigation Systems (INS)
- Alternatives to GPS in a Denied Environment
- Network Tactical Common Data Link (NTCDL)
- Next Generation Tactical Communications
- Joint Tactical Networking Center (JTNC) Joint Communications Marketplace



FY24 TOA: \$233M

Primary Customers

- PEO C4I PMW 170
- Fleet Readiness Directorate
- PEO Missiles and Space
- PEO IWS 6
- PEO SUBS
- PEO Space
- DISA Teleport Program Office (TPO)
- DISA Airborne Intelligence Surveillance and Recognizance (AISR)
- JTNC
- ONR (Inter-NIWC Teaming)
- SOCOM PEO-C4 (Inter-NIWC Teaming)
- USMC – PM COM SYS

Support includes Mission Critical Communication engineering services and support to the Fleet

Navy Afloat Transport and Navigation Division (PMW 170)

Future Opportunities & Needs

▼ Future Opportunities/Growth

- Radio Communications
 - Radio communication systems ISEA technical support (distance support, test, repair, etc.)
 - Modernizing HF/VHF/UHF Surface/Subsurface/Shore
 - Improved Assured Communications
- Satellite Communications
 - Continued shore modem installations
 - Future Modem development/testing/integrations
- Software Defined Radio Systems
 - Assured Communications – Layer1 Resilience
 - Distributed/Orchestrated Comms
 - Electronic Warfare – C5ISR
 - Resilient, Software-defined Networking – Layer2/3 Resilience
- PNT
 - Navigation Collaboration and Systems of Systems
 - Model-Based System Engineering
 - Virtualization Lab Efforts

▼ Where Industry can Help

- Match and deliver the Navy's demand for new technologies and equipment.
- Ensure the growth and health of technical knowledge and skills.
- Improve planning and communication. Keep lines of communication open, deliver on time.

Upcoming Contract Development Efforts (1 of 3)

▼ SATCOM CB-ISEA Support - Afloat Transport Systems (ATS IPT)

- This task encompasses providing Naval Warfare Information Center Atlantic (NIWC Atlantic) with services to support mission objectives. The Satellite Communication (SATCOM) Capability-Base (CB) In-Service Engineering Activity (ISEA) PWS provides deployment, logistics, system engineering, life cycle sustainment engineering, integration, and production support for Department of Defenses (DoD) and Navy qualified systems and subsystems to Government customers. TPWS covers Technical Sustainment Support (TSS), Sustainment Engineering (SE), Modernization Support (MS), Logistic Support (LS), and other SATCOM Technical Support Service.

- Acquisition Strategy
 - Seaport NxGen – SBSA
- Solicitation/PID#
 - N65236-24-RFPREQ – LSUBP00016-0100
- RFP Estimated: Q1 FY25
- Estimated ROM: >=\$50M, <\$100M
- Contract award planned for: Q3 FY25
- Classification: TS/SCI access
- Location of performance:
 - Contractor facilities
 - Government facilities in the following states/countries:
 - South Carolina
 - Norfolk, VA

Upcoming Contract Development Efforts (2 of 3)

▼ Maritime Position, Navigation and Timing (PNT) Systems In-Service Engineering and Technical Support Services (PNT ISEA IPT)

- This task encompasses providing the Position, Navigation, and Timing Engineering and In-Service Engineering Agent (ISEA) Integrated Product Teams with services to support U.S. Fleet and Coalition Partners comprehensive programmatic and technical support for In-Service and emerging Inertial Navigation Systems and Geospatial Information and Services. The range of engineering and technical support services is extremely broad and includes certifying US Navy surface and sub-surface Navigation Systems ready for use, providing system troubleshooting support services for all aspects of US Navy Navigation, originating and maintaining all aspects of logistic documentation, designing/fabricating/testing prototype or experimental navigation systems, testing new and evolving navigation technology, and assisting with ship alteration efforts where required.

- Acquisition Strategy
 - Seaport NxGen – TBD
- Solicitation/PID#
 - N65236-24-RFPREQ – LSUBP00016-0028
- RFP Estimated: Q2 FY25
- Estimated ROM: >=\$100M, <\$250M
- Contract award planned for: Q4 FY25
- Classification: TS/SCI access
- Location of performance:
 - Contractor facilities
 - Government facilities in the following states/countries:
 - South Carolina
 - Norfolk, VA

Upcoming Contract Development Efforts (3 of 3)

▼ Maritime Position, Navigation and Timing (PNT) Systems Cybersecurity, Software Testing, Digital Engineering and R&D Services (PNT ISEA IPT)

- This task encompasses providing the Position, Navigation, and Timing Engineering and In-Service Engineering Agent (ISEA) Integrated Product Teams with services to include cybersecurity functions to include network systems security and security compliance; Software Testing for Independent Verification & Validation (IV&V) purposes; Digital Engineering, and Research and Development to include researching new technologies and testing methodologies.

- Acquisition Strategy
 - Seaport NxGen – SBSA
- Solicitation/PID#
 - N65236-24-RFPREQ – LSUBP00016-0162
- RFP Estimated: Q2 FY25
- Estimated ROM: >=\$10M,<\$50M
- Contract award planned for: Q4 FY25
- Classification: TS/SCI access
- Location of performance:
 - Contractor facilities
 - Government facilities in the following states/countries:
 - South Carolina
 - Norfolk, VA



Questions?

Lunch On Your Own



Afternoon session
begins at 12:30 pm



Informational Briefing to CDCA SBIOI

Ryan Bellack
Deputy Chief, Infrastructure Services Division (ISD)
C5I Service Center
U.S. Coast Guard

October 23, 2024



C5I Service Center

Command, Control, Communications, Computers, Cyber and Intelligence (C5I) Service Center

- Technology focused
- Capabilities development, delivery and sustainment organization
- Emphasis on IT and OT Solutions
- Supports the Coast Guard's 11 statutory missions



C5ISC: Designed to Support the Mission

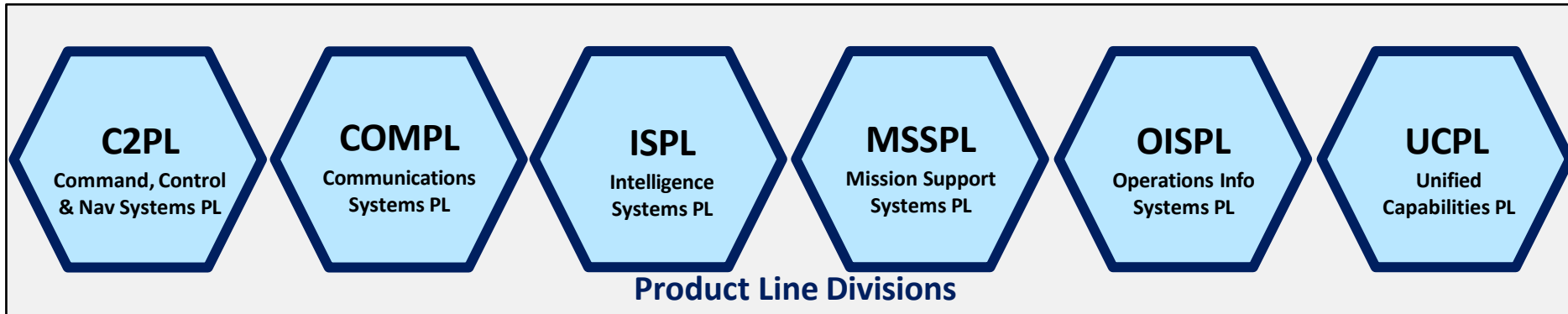


11 Statutory Missions

1. Ports, Waterways and Coastal Security	7. Defense Readiness
2. Drug Interdiction	8. Migrant Interdiction
3. Aids to Navigation	9. Marine Environmental Protection
4. Search and Rescue	10. Ice Operations
5. Living Marine Resources	11. Other Law Enforcement
6. Marine Safety	



C5I Service Center Organization



C5ISC Vendor Management Office Overview

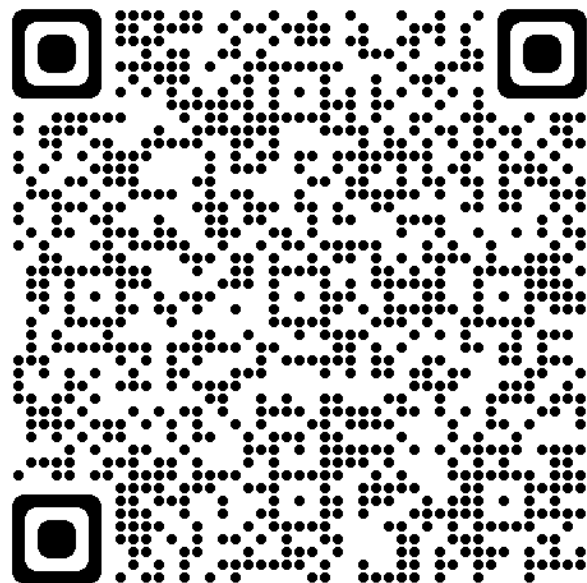
- Introductory virtual meetings to collect capabilities
- Maintain an optional library of vendor capabilities for C5ISC Market Research
- Match capabilities with PL/SSD missions and facilitate program/vendor meetings when requested
- Industry Events – Industry Days, Reverse Industry Days, acquisition specific events
- Standardize Contractor Performance Management Reviews (CPMRS)
- Improve C5ISC contractor performance reporting (CPARS evaluations)

Oversee development and management of strategic vendor partnerships and communications



C5ISC Vendor Management Office Contact

HQS-SMB-C5I-Vendor_Relations@uscg.mil



<https://www.dcms.uscg.mil/Our-Organization/Assistant-Commandant-for-C4IT-CG-6-/C5ISC/Vendor-Outreach/>



Infrastructure Services Division (ISD)

Mission

Provide and manage IT infrastructure to solve complex problems, enable mobility and cloud solutions, and ensure connectivity for operators to ensure mission readiness & execution. ISD supports an on-the-go workforce by ensuring that the data necessary for mission readiness and execution is accessible when and where it is needed.

Major Functions and Services

- Network Transport
- Network Security
- Identity, Credentialing, and Access Management
- Commercial Cloud and Data Fabric
- Software Factory
- Data Center Management
- Private Cloud and Server Hardware Management
- New Asset Acquisition Infrastructure Support



Division Chief:
CAPT Patrick Thompson

Division Deputy:
Mr. Ryan Bellack

ISD Branches:

- Network Transport Services
- Infrastructure Security Services
- Cloud and Data
- On-Prem Management Services
- Data Center Infrastructure
- Physical Infrastructure Services
- Acquisition Infrastructure Services





Questions?



Company Spotlight

A photograph of two stage spotlights mounted on a dark blue background. The spotlights are angled downwards, casting bright beams of light that converge towards the center of the frame. The beams create a gradient of light blue and white, highlighting the text below.

HII Mission Technologies



Mission Technologies Overview

Brian Lindgren
CDCA's 69th SBIOI Symposium
23 October 2024

HII Enterprise

Our Mission

To deliver the world's most powerful ships and all domain solutions in service of the nation, creating the advantage for our customers to protect peace and freedom around the world.

- **44,000 Professionals Worldwide**
- **Complementary Technologies**
- **Mission Focused**



NEWPORT NEWS SHIPBUILDING

"Always Good Ships"

- Sole designer, builder and refueler of U.S. Navy aircraft carriers and one of two providers of nuclear-powered submarines
- Designs, builds, maintains and inactivates the most advanced ships in the world
- 2,500 supplier businesses from across all 50 states

\$5.8B	revenue
25,000+	employees
550	acre shipyard
1,000+	master shipbuilders
800+	ships built

INGALLS SHIPBUILDING

"Their Mission. Our Purpose"

- Largest supplier of U.S. Navy surface combatants – has built nearly 70 percent of U.S. Navy surface combatants
- Only shipyard simultaneously building 4 classes of ships
- Comprehensive life-cycle services for CG 47, LPD 17 and LCS class ships

\$2.6B	revenue
11,500	employees
800	acre shipyard
Many	3 rd /4 th gen shipbuilders

MISSION TECHNOLOGIES

"Mission Ready. All Domain"

- Leading technology solutions partner, supporting all domains
- Well-positioned portfolio aligned with national defense priorities
- Strong expertise and positions in core capabilities
- Diverse capabilities and leading-edge technologies

\$2.4B	revenue
>7,000	employees
~50%	engineers/scientists
>35%	military veterans
50+	countries w/ employees/products

HII's History and Legacy

NEWPORT NEWS SHIPBUILDING

Since 1886, the ships built at Newport News Shipbuilding, like the American Shipbuilders who built them, have served our nation in peace and war, in times of adversity and times of abundance. HII's legacy of "Always Good Ships" includes the design, construction, overhaul and repair of hundreds of ships for the U.S. Navy and commercial customers.

Today, NNS, a division of HII, is the nation's sole designer, builder and refueler of nuclear-powered aircraft carriers and one of only two shipyards capable of designing and building nuclear-powered submarines, leveraging our unique expertise in nuclear propulsion, naval design and manufacturing. NNS provides fleet services for our ships worldwide.

INGALLS SHIPBUILDING

In 1938, Ingalls Shipbuilding Corporation was founded by Robert Ingersoll Ingalls Sr. (1882–1951), on the East Bank of the Pascagoula River in Mississippi. It started out building commercial ships until the 1950s, when Ingalls started bidding on Navy work.

Today, Ingalls Shipbuilding, a division of HII, has pioneered the development and production of technologically advanced, highly capable warships for the surface Navy fleet, U.S. Coast Guard, U.S. Marine Corps, and foreign and commercial customers.

On March 31, 2011, Huntington Ingalls Industries (HII) formed as an independent, publicly traded company when the two legacy shipyards joined forces to become the nation's largest shipbuilder.

The name derives from the founders of its shipbuilding divisions: Collis Potter Huntington, who founded Newport News Shipbuilding and Drydock Company, and Robert Ingersoll Ingalls Sr., who established Ingalls Shipbuilding.

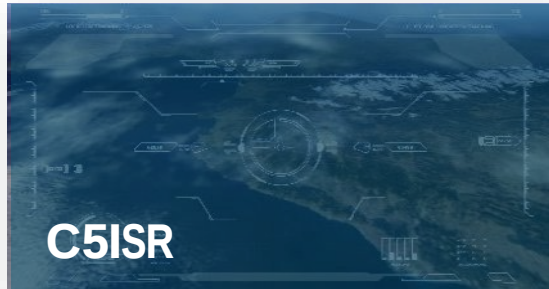


Mission Technologies

- In 2016, HII's portfolio expanded further with the establishment of a third division, Mission Technologies, which delivers technology solutions to civil, commercial, and defense customers both domestically and internationally.
- Mission Technologies develops integrated solutions that enable today's connected, all-domain force. Capabilities include C5ISR systems and operations; applying AI and machine learning to battlefield decisions; defensive and offensive cyberspace strategies and EW; unmanned autonomous systems; LVC solutions; fleet modernization; and critical nuclear operations.
- HII is evolving. Our updates honor and preserve HII's shipbuilding heritage as we enter a chapter of growth, encompassing both shipbuilding and defense technologies. This shift reflects the evolution of our customers as well, who look to HII to deliver critical capabilities to meet the challenges and opportunities of the future
- Today HII is a global, all-domain defense provider with a more than \$45B shipbuilding backlog and more than 44,000 employees. It is the largest industrial employer in both Virginia, where the company is headquartered, and in Mississippi. Mission Technologies is headquartered in McLean with more than 100 facilities worldwide.

Mission Technologies Business Groups

Capabilities Aligned to National Security Priorities



- C5ISR, AI to the Edge
- Multi-INT ISR Platforms
- Force Protection
- Automated PED/Resiliency
- Platform Integration
- Stratospheric



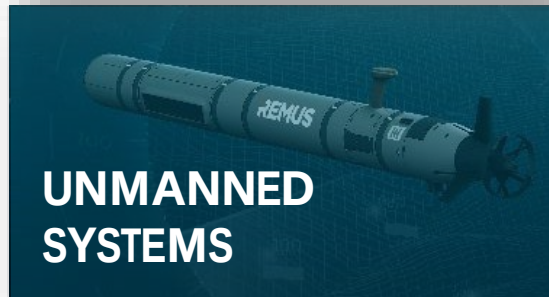
- High Fidelity Modeling and Simulation
- Integrated Live, Virtual, and Constructive (LVC) Training
- All Domain Training Solutions
- Systems Engineering & Integration



- Full Spectrum Cyber
- 5th Gen EW Peer Conflict
- War of Influence (IO/IW)
- Space Competition
- Electronic Warfare RDT&E
- Big Data & Analytics



- Disciplined Nuclear Operations
- World Class Supply Chain Mgmt
- Acclaimed Workforce Development Programs
- Test, Startup and Commissioning Expertise

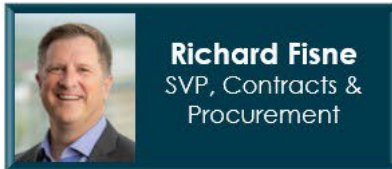


- Area Denial / Long Range
- Multi-vehicle, collaborative autonomy, sensor fusion and perception
- Distributed Operations



- Digital Engineering/MBSE
- Platform Modernization
- Lifecycle Sustainment
- Mission Resilient Logistics
- Operational Readiness
- Enterprise Twins

Leadership Team

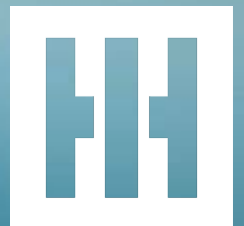




MISSION READY ALL DOMAIN

Brian Lindgren
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(843) 465-3481

MISSION TECHNOLOGIES
<https://hii.com/>



[HII.com](https://hii.com/)

BACKUP SLIDES

C5ISR

Delivering actionable intelligence across the globe at hyper speed through mission systems and operations, accelerating decision-making and exploiting foreign threat vulnerabilities.

Capabilities

- Sensors & Systems
- Platform Integration
- Spectrum Solutions
- Intelligence & Analysis
- Global Deployment & Sustainment
- Manned / Unmanned Platforms
- AI/ML Mission Systems
- Embedded Systems
- Multi-Domain Operations
- Networked Solutions



Notable Programs

- PRESS
- USAFE PMRO
- NIWC Pacific ISR
- JIOC-K
- JCETII
- Navy VLS UCEU
- COMSUBPAC C5ISR
- U.S. Army PACPED
- AIPES
- USN Minotaur
- USAFE Hydra CUAS

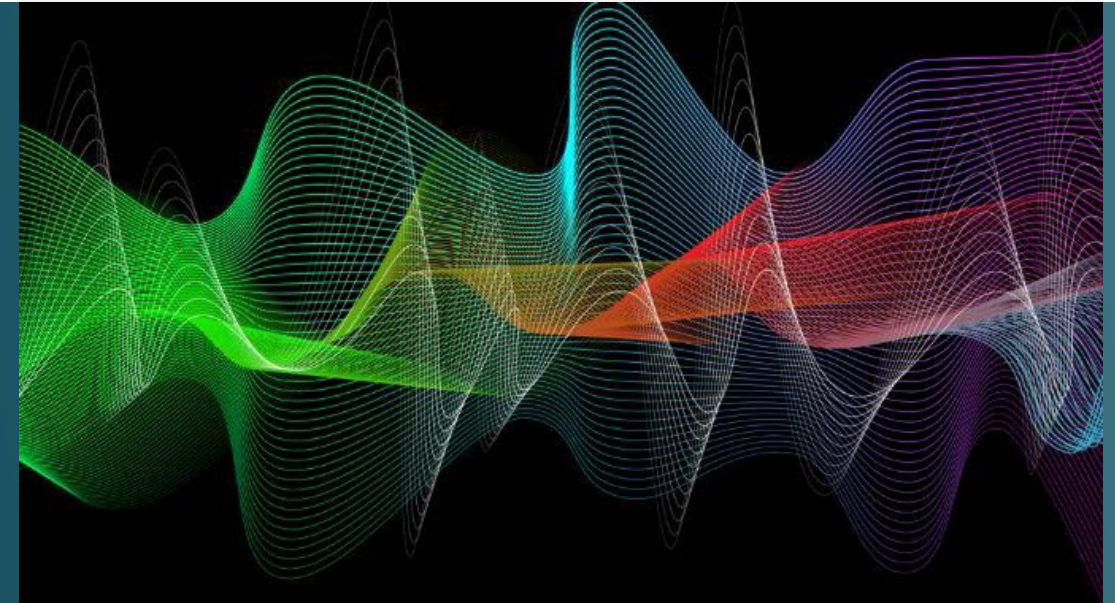


Cyber, EW & Space

Full-spectrum cyber, EW and space capabilities that address today's rapidly changing, multi-domain global security threats, and anticipate emerging threats.

Capabilities

- Vulnerability Analysis
- Reverse Engineering
- Full-Spectrum Cyber Ops
- Cybersecurity Standards & Guidance
- Cloud Engineering & Solutions
- Cellular/Mobile Internet of Things (IoT) Technologies
- Big Data
- Space Solutions
- Space-based Modeling & Simulation

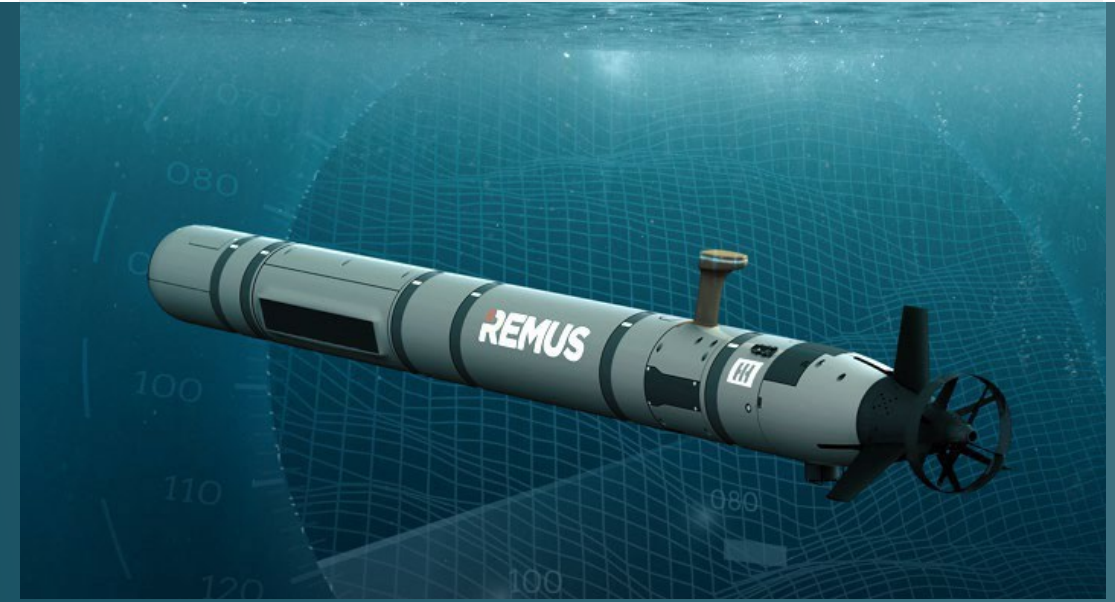


Notable Programs

- SABERHUNT
<https://hii.com/news/hii-cyber-threat-hunting-kit-saberhunt-2023/>
- USMC Combat Vehicle C4ISR Networking On The Move (NOTM) program at NIWC PAC
- HANGAR
- ELICSAR
- GABRIEL NIMBUS
- GVSC
- NASIC FME
- AFLCMC WWS Support Services

Unmanned Systems

World-leading autonomy and multi-domain autonomous systems making vast expanses of the earth accessible for defense, research and commerce.



Capabilities

- Unmanned Underwater Vehicles
- Design, Development, Production & Sustainment
- Advanced Autonomy Solutions
- Unmanned Surface Vessel Autonomy
- Engineering, Manufacturing & Support Services

Notable Programs

- REMUS UUVs (REMUS 100, REMUS 300, REMUS 600, REMUS 6000)
- U.S. Navy MK18 UUV and LBS-AUV
- Collect valuable data for a variety of applications
- Intelligent robotic platforms



LVC Solutions

Designing and executing enterprise simulation and network technologies to prepare warfighters for virtually every conceivable situation they may face in service to national defense and security.



Capabilities

- Enterprise Solutions
- Game-Based Training
- Integrated Networks
- Mixed Reality
- Modeling & Simulation
- Software Engineering

Notable Programs

- MAF DMO
- SBEDS
- NITE
- NCTE
- JTSE
- ANG/DTOC



Nuclear & Environmental

Leveraging HII's disciplined nuclear operations culture to safely manage and operate Department of Energy sites and execute complex environmental remediation.



Capabilities

- Simultaneous, complex nuclear project management
- Disciplined nuclear operations
- Environmental remediation

Notable Programs

- Savannah River Site M&O
- Los Alamos National Laboratory M&O
- Los Alamos National Laboratory Legacy Cleanup Contract
- Nevada National Security Site M&O



Fleet Sustainment

Everything to keep the world's most capable and resilient national security platforms mission ready: a holistic approach to lifecycle maritime defense systems on the sea, under the sea, and on the shore.



Capabilities

- Maritime Systems Maintenance
- “Find-Fix-Train” Sustainability Solutions
- Afloat & Shore Modernization
- Global Reach
- Industrial Fabrication and Manufacturing
- Engineering & Design Services
- Acquisition & In-Service Logistics
- Warehousing & Asset Management

Notable Programs

- NIWC Global Sea Enterprise Afloat/Shore
- NSWCC Alteration Installation & Integrated Product Support
- CEMAT / SEMAT
- ESU
- NAVELSG Asset Management
- NECC Combatant Craft Sustainment
- Army Watercraft Sustainment



Fleet Sustainment Overview

Number of Employees: Approx. 1,800

Primary Locations: Hampton Roads, VA; San Diego, CA; Bremerton, WA; Pearl Harbor, HI; Philadelphia, PA; Portsmouth, NH; Yokosuka and Sasebo, Japan.

Unique Facilities/Assets: Mix of customer and leased facilities throughout the globe where our customers have assets. Industrial warehousing, fabrication and office facilities in all major USN fleet concentration areas.

Customers: Core Navy with expansion into other DoD entities.

Core Services & Capabilities:

- Maritime Systems Maintenance
- “Find-Fix-Train” Sustainability Solutions
- Afloat and Shore Modernization
- Industrial Fabrication and Manufacturing
- Engineering and Design Services
- Acquisition and In-Service Logistics
- Warehousing and Asset Management
- Global Reach

Certifications:

- ISO 9001:2015
- CMMI ML 3
- Apprenticeship Program
- Agreement for Boat Repair (ABR) with NAVSEA and Army ACC
- DCAA-certified Purchasing System



Fleet Forces Command (TYCOMS)



Naval Sea Systems Command and Warfare Centers



Naval Information Warfare Systems Command



Army Watercraft Systems



U.S. Air Forces in Europe (USAFE)

Life-cycle sustainment leader for technology-enabled DOD platforms

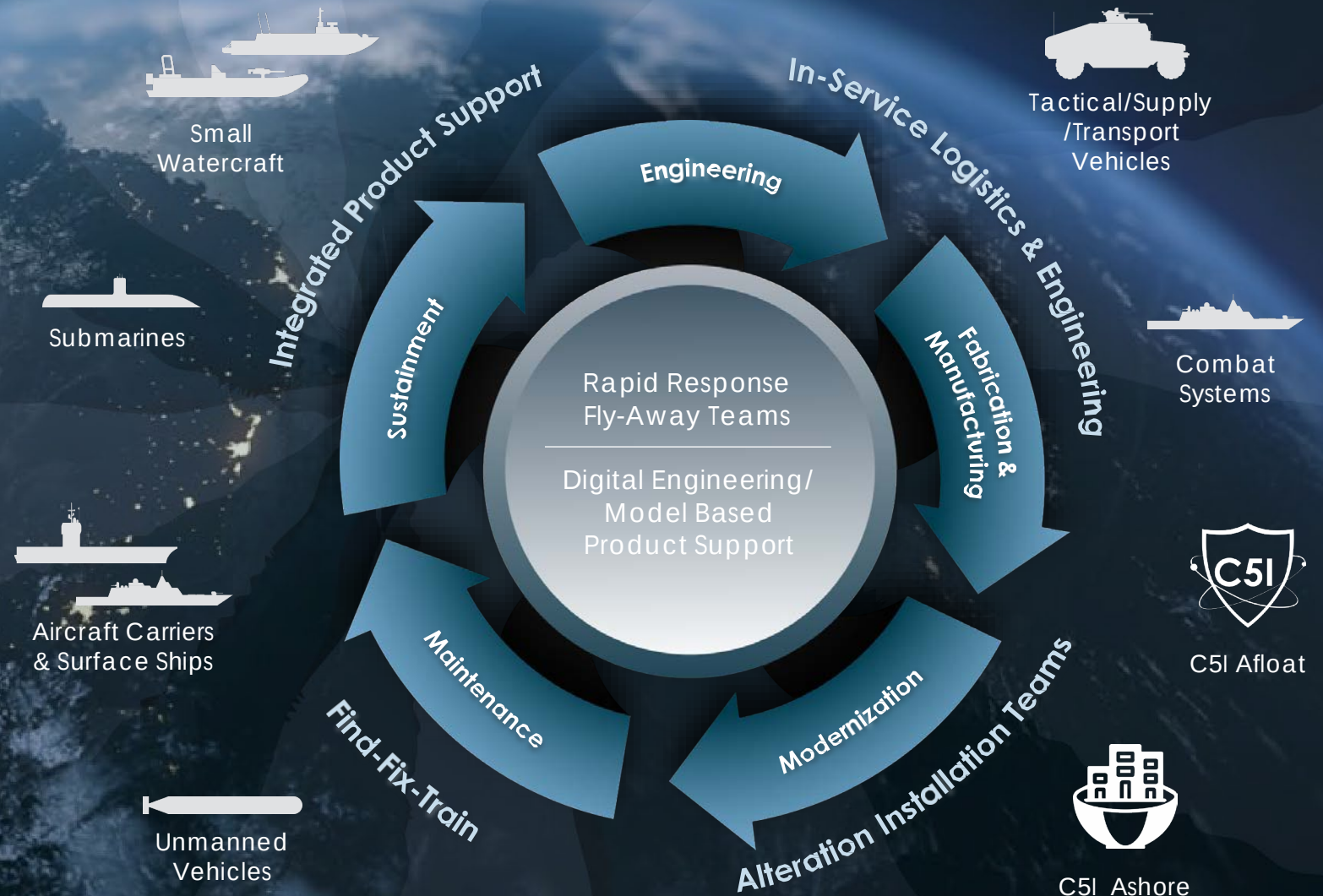




Platform Lifecycle Sustainment Leader

Delivering comprehensive life-cycle sustainment services to keep our national security platforms mission ready

For 40 years, the U.S. Navy has entrusted HII to maintain and modernize the fleet. With a holistic approach to life-cycle sustainment of maritime defense systems—from small watercraft to submarines, surface combatants and aircraft carriers—HII supports a high state of mission readiness





Lifecycle Sustainment Support Provider

177

Navy Ships

A Holistic Approach to
Lifecycle Engineering and
Maintenance on
74% of Navy Ships



21,500+
Sailors Trained

Global Reach

18 Countries
Around
The World

11 Private U.S.
Shipyards

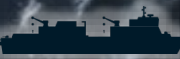
18 U.S.
States

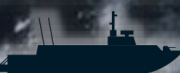
10 Naval
Shipyards

1 U.S.
Territory

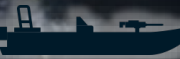
PLATFORMS, VEHICLES & MACHINERY WORKED ON IN 2022

14  Aircraft Carriers

19  Auxiliary Ships

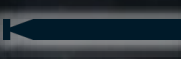
19  Army Vessels

129  Surface Ships

431  Small Boats

400  Tactical/Supply/
Transport Vehicles

34  Submarines

43  Unmanned Vessels

350+  Material Handling



Fleet Sustainment Locations

Geographic advantage: Major personnel and facility locations near all major Fleet concentrations
Adept at sending fly-away teams to support tasking wherever and whenever needed



Core Capability: Maintenance

- Assessment, maintenance, and repair for over 100 critical ship systems
- Full logistics services and material management to support shipboard work
- Global fly-away team support
- Watercraft technical and maintenance experts
- TYCOM maintenance and special program support
- Shipyard construction and in-service support
- Material Handling Equipment (MHE) repairs, certifications and training
- Classroom and over-the-shoulder training

We support the CNO priority of operational readiness



Deck-plate training

Core Capability: Modernization

Full spectrum of Technical Services in support of C5ISR and HM&E Installations

Common Methodologies

- Project Management | Planning and Estimating
- TS9090-310H Compliant
- Logistics | Provisioning, inspection, kitting, staging
- Cost Controls | Near real-time project status tools
- Technical Expertise | Reach back to Newport News and Ingalls shipyards for rapid planning yard resolution and SME support for emergent technical issues
- Reporting | Tailored to client's requirements
- Fully deployable teams to support any port location CONUS/OCONUS

Total Ship Systems Support

Our military and maritime industry clients require the support of a fully certified contractor that can provide total ship systems service to accomplish rapid response alterations and authorized changes to installed shipboard and shore facility systems and equipment.



C5ISR Systems

- Design, Engineering and Logistics capabilities
- Fiber Optic certified to install, terminate, and test.
- Cable routing, equipment install, light off, and operability testing
- Precision foundation manufacturing, installation and leveling

HM&E Systems

- Complex Installation, Troubleshooting, Repair + Testing
- New Technology Insertion
- Machinery Controls
- Piping Systems
- Structural Mods (Steel and Al)
- NAVSEA Certified Welding
- Fabrication | Foundations, cabinets, related fixtures

Future Capability – Mission relevance throughout platform service life



Core Capability: Integrated Product Support

- Program Management
- Technical Documentation
- Data Delivery Solutions
- Material Management and Warehousing
- Item Unique Identification
- Supply Support
- Configuration Data Management
- Asset Management
- Engineering and Design Services
- Logistics Engineering
- Industrial / Facilities Engineering
- Maintenance Planning
- Training / Curriculum Development

End-To-End Logistics - Warfighters Equipped to Sustain Operations



Configuration Data Management



Asset Management and Expeditionary Solutions

Fiber Optic Functions and Capabilities

- **Installation**

- Conventional Fiber Optics
- Single Tube Blown Optical Fiber optics
- Multiple Tube Blown Optical fiber optics
- General cable Blown Optical Fiber Optic
- In-house prefabrication

- **Termination**

- Heavy Duty
- Light Duty
- Fusion Splicing
- MQJ Fabrication and Certification (in-house)

- **Testing and Troubleshooting**

- Insertion Loss
- Return Loss
- Optical Time Domain Reflectometry

- **High-End Performance and Testing**

- Enhanced Performance Polishing
- Interferometry Technology



HII Mission Technologies is a Full-Service Provider of Fiber



Fabrication and Certification

HII Mission Technology technicians can fabricate and certify MQJ's in-house to meet requirements of all navy fiber optic cable ends to meet performance specs outlined by contract or Standard Installation Drawings SIDs.

We implement the same technology used in fabrication and certification of MQJ's to prefabrication cable ends on assemblies prior to shipboard installation. This proven method reduces the time required to troubleshoot cabling should a defect be detected during installation efforts.

Prefabrication of cabling assists in the reduction of onboard cable fabrication and allows teams to fabricate cables ahead of production starts which improves efficiencies in fiber optic installation efforts by greater than 30%.



Ref. No.	Test Equipment Description	Intended Use (Fleet, General (2042) or both)	MIL SPEC / NAVSEA Drawing/Purchase Description Reference /2	Company	NSN	Manufacturer's P/N
	Measurement Quality Jumper, 50-meter, SM enhanced, ST-to-multiple termini pin		6877804-03SME	kSaria		6877804-03SME
TS-04045	Measurement Quality Jumper, 50-meter, SM enhanced, ST-to-multiple termini socket		6877804-04SME	Aptiv (Formerly Delphi)		*
	Measurement Quality Jumper, 50-meter, SM enhanced, ST-to-multiple termini socket		6877804-04SME	AFSI		6877804-04SME
	Measurement Quality Jumper, 50-meter, SM enhanced, ST-to-multiple termini socket		6877804-04SME	KitCo	6625-01-498-9988	6877804-04SME
	Measurement Quality Jumper, 50-meter, SM enhanced, ST-to-multiple termini socket		6877804-04SME	kSaria		6877804-04SME

MQJ Fabrication and Certification, and In-House Prefabrication

Integrated Product Support Overview

Matrixed Organization: Three Operations

Logistics Products and Asset Management (LPAM)

Includes CVN / Submarine Support /
Warehouse support

Technology Solutions (TS)

Includes IT, data delivery and training

Engineering, Design, Logistics and Planning (EDLP)

Includes engineering & design, maintenance planning,
facilities support, Surface Programs

KEY LOCATIONS

Hampton Roads, VA • Philadelphia, PA
Bremerton, WA • Portsmouth, NH

Sabrina Bailey, Vice President of Operations

Differentiated Capabilities

- Engineering & Design
- Expeditionary Logistics Support
- Product Support Management
- Design Interface
- Sustaining Engineering
- Supply Support
- Maintenance Planning & Management
- Packaging, Handling, Storage & Transportation (PHS&T)
- Technical Data
- Support Equipment
- Training & Multimedia Support
- Manpower & Personnel
- Facilities & Infrastructure
- IT Systems Continuous Support



LPAM Core Capabilities

- **Program Management**

- Management of all aspects of ILS for PY, New Construction & RCOH for NNS

- **Technical Documentation**

- Navy Ships, Army Watercraft, L-Ships, OEMs
- Across multiple classes/platforms and across all logistic product lines
- Arbortext, Integrated Publishing Data Network (IPDN) - FSG internal, Interactive Authoring Display Software (IADS) – Army

- **Material Management and Warehousing**

- Real-Time Management Information System (ROMIS)
- Item Unique Identification (IUID) Registry

- **Supply Support**

- Interactive Computer Aided Provisioning System (ICAPS)
- PowerLOG J – Army

- **Configuration Data Management**

- Configuration Data Manager Database – Open Architecture (CDMD-OA)

- **Asset Management & Expeditionary Solutions**

- Cheatham Annex Asset Management (CAXAM)

Logistics Products & Asset Management (LPAM) Operation
Forest M. Morris, Senior Program Manager



Technology Solutions Core Capabilities

■ Infrastructure Support

- Networking and Hardware Support (SolarWinds)
- Cloud Computing (AWS / MS Azure)

■ Cyber Security

- Assessment and Authorization (A&A) (RMF)
- Security Technical Implementation Guidelines (STIGs)
- Vulnerability Scanning (ACAS)
- Build Information Assurance (IA) and Cyber Compliance
- Enterprise Mission Assurance Support Service (eMASS)

■ Software Support (CMMI DEV Level 3)

- Application / Web Server Support
- Windows / Web Application Development
- Software Business Process Automation Solutions
- Database Support
- SharePoint Administration
- Siemens Product Lifecycle Management (PLM) / Service Lifecycle Management (SLM)

■ Content and Data Management

- Assemble, Convert, Digitize and Support engineering drawings and Ships Drawing Index (SDI)
- Fleet Help Desk Support (ATIS)
- Data Management, Conversion, Inventory, Distribution
- Business Intelligence/ Data Analytics/ Reporting Domains

■ Training & Multimedia Solutions

- Instructional Systems Design
- TNA, JDTA, FEA, Business Case Analysis, NTSP
- Curriculum Development
- RRL, CBT, CAI, ICW, ILT, Mobile Tablet, Hands-On, CPM, LOM
- Courseware Instruction
- Multimedia Capabilities
 - Full Studio, VR/MR, 3D Modeling/ Animation/ Printing, Photo/Video, Interactive 360° Tours



Technology Solutions (TS) Operation
Dr. LaTonya Griffith, Senior Program Manager

Engineering, Design, Logistics and Planning

■ Engineering and Design Services

- Maritime design services supporting construction, overhaul, and modernization
- Shipchecks and “as-is” data collection
- Ship Change Documents (SCDs), Ship Installation Drawings (SIDs) 2D & 3D, Selected Record Drawings (SRDs), lofting and nesting
- System Integration, Testing and Sea Trial support
- Waterfront Engineering & Facility Maintenance Engineering including machines, tools, buildings, grounds, cranes, and utilities

■ Logistics Engineering and Planning

- RCM I and II certified staff
- Safety Analysis & Hazardous Materials, Reliability & Maintainability (R&M) Analysis, Supportability Analysis & Maintenance Analysis, Level of Repair Analysis (LORA), Logistics Management Information (LMI), Human Systems Integration (HSI), including Manpower, Personnel, and Training (MP&T), Life Cycle Cost (LCC) and Total Ownership Cost (TOC) Modeling
- Navy 3M – Planned Maintenance System Management
- Maintenance of Class Maintenance Plans for all
- Submarines, Maintenance & Ship Work Planning
- ROCKATS Software Program Office – Write 2-Kilos, SCLISIS transactions and validations, and Configuration Overhaul Planning (COP) SCLISIS development

Engineering, Design, Logistics and Planning (EDLP) Operation
Debbie Anderson, Senior Program Manager



REMUS Unmanned Vehicles

- HII's Unmanned Systems business group focuses on unmanned maritime solutions for defense, marine research and commercial applications. HII designs/builds full range of unmanned underwater vehicles (UUVs), from small to extra-large class. More than 600 UUVs have been delivered to customers in 30 countries worldwide
- The open architecture and modularity of the REMUS technology platform facilitate increased capabilities, interoperability and applications while decreasing risk and cost.
- The REMUS 300 is our latest small-class, two-person portable unmanned underwater vehicle with increased modularity and maximum payload flexibility.
 - The REMUS 300 is the basis for the Lionfish Small UUV (SUUV) program recently awarded by the US Navy.
- The REMUS 620 medium class vehicle that has conducted its first at sea tests.
 - Range of 110hrs/275nm is industry leading for a medium class vehicle.
- The US Navy's Razorback UUV (based upon a REMUS 600) equipped with the Yellow Moray torpedo tube launch and recovery (TTLR) nose recently completed the first end to end, unaided torpedo tube launch and recovery from the USS Delaware

HII CEWS – SABERHUNT

- SABERHUNT is a scalable, modular, reliable, deployable sensor to support threat hunting missions
- Our solution can adapt to fit mission needs and hunt on a traditional mission partner network, providing critical threat identification
- SABERHUNT can scale to dynamic mission requirements.
- HII serves as the Lead System Integrator (LSI) to support Cyber Protection Teams (CPTs) operating globally with industry leading hardware and software resources.
- HII's modular design provides CPTs with the flexibility to choose the most impactful equipment for the mission.

HII C5ISR Group – Minotaur

- The Minotaur Family of Services software suite supports the warfighter by enhancing onboard sensor performance and data correlation of a diverse sensor package, merging EO/IR, radar, and EW systems while providing a persistent common operating picture and enabling shared awareness with platforms and units during multi-domain operations.
- In 2023, HII Mission Technologies was awarded a \$244 million task order to develop, integrate, and sustain Minotaur software for airborne, maritime and shore platforms for the U.S. Navy, U.S. Marine Corps and U.S. Coast Guard.
 - Under the Naval Air Systems Command task order, HII performs RDT&E to facilitate the integration of Minotaur Family of Services products into the services' platforms to meet intelligence, surveillance, reconnaissance and targeting warfighting requirements.
- HII has been the only industry prime developer of Minotaur since the program was first awarded in 2020.



CEWS – On The Move C2

- HII's Command and Control On the Move (C2 OTM) solution leverages a system agnostic approach to effectively connect command posts and maximize survivability.
- The C2 OTM solution is built on three guiding principles: 1) dispersion is the key component of survivability when targeted, 2) signature control is critical to avoid targeting, and 3) mobility reduces the effectiveness of targeting.
- Our design prioritizes the need for quiet on-board power generation and HII's signature management expertise.
- HII is the Prime on the United States Marine Corps (USMC) Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) Networking On-the-Move (NOTM) Information Analysis Center (IAC) Multiple Award Contract (MAC) where our Team is developing combat vehicle C4ISR On the Move (OTM) for the Joint warfighter.

Industry Leader



Designer and operator of the nation's largest LVC enterprise



Industry leader in 5th Generation Electronic Warfare Programs



Developer of the nation's most advanced C5ISR edge capable AI-enabled mission system



Largest producer of unmanned underwater vehicles worldwide



Over \$1B annual RDT&E defense revenue
#1 Contractor in OUSD(R&D) 2022 (in annual spend)

110010
100110
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Over 100 Million SW lines of code under management

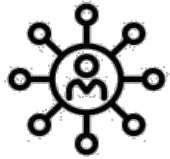


Developer of the world's most advanced autonomy



Largest aggregator of DoD cyber data
Over 20 Petabytes ingested and managed annually

Mission Ready AI Partner



AI/ML Capabilities

- AI integrator / Turnkey Enterprise as Service
- >200 practitioners
- AI projects in every business group
- Strong eco-system of industry leading partners



IRAD Investments

- ISR automation and spectrum dominance
- AI-powered sensing
- AI-enabled all source
- Operational readiness



Contracted Achievements

- First to deploy autonomous vision OCONUS
- First to deploy DL-NLP to COCOM
- Operated DoD Algo Lab
- Performed warship data science in 2018
- First provider of AI-powered FORN media analytics
- Data sourcing & ML DevOps infrastructure



HII Differentiators

- Big Data Platform / Cross domain capabilities
- C5ISR mission system expertise
- Physics-based virtualization / Synthetic data
- Advanced AI architectures (Hierarchical)
- Sensor signal processing



Innovation Serving the Mission



Minotaur Mission Management

Multi-INT and edge ready, the GOTS platform declutters and provides PED automation with AI



AI Powered PAI All Source Exploitation

FortisAI analyzes FORN media at petabyte scale in near real time for a wide range of missions



Cricket Family of Systems

AI ready tactical EW edge payloads for multi-mission spectrum dominance operations



Big Data Analytics

BDP is a GOTS multi-layer secure cloud stack with bidirectional cross domain service to support cyber operations at massive scale



LVC Enterprise & LVC Integrated Ranges

NCTE is a multi-domain, globally distributed, secure, training system of systems serving thousands of joint training exercises annually



Autonomous Mission Ready Platforms

Odyssey USV autonomy (Overlord) and the REMUS family of UUVs provide a suite of unmanned mission support and service options

Contract Vehicles



Mission Technologies has a wide portfolio of Government-Wide Acquisition Contracts (GWACs), General Services Administration (GSA), and Other Transaction Authority (OTA) options. Every new system and equipment upgrade is fully supported.

HII's Prime GSA and other MACs

Contract Vehicle	Scope	PoP
 Navy SeaPort-NxG (Unrestricted)	"Navy Virtual SYSCOM" – Provides services that potentially span the entire spectrum of mission areas and technical capabilities supported by Dept of the Navy ordering activities.	01/02/2019 – 01/01/2029
  DTIC Information Analysis Center (IAC) MAC	Focuses on 22 scientific and technical focus areas mapped to three primary domains: Defense Systems; Cyber Security and Information Systems; Homeland Defense and Security	09/27/2018 – 3/31/2028
  GSA OASIS (Unrestricted) Pools 1, 3 and 4	OMB Designated Best-in-Class (BIC) solution for complex, integrated professional services in Program Management, Management Consulting, Scientific, Engineering, Logistics, and Financial services.	09/03/2014 – 09/02/2024
  GSA/OPM HCaTS (Unrestricted) Pools 1 and 2	OMB Designated Best-in-Class (BIC) solution for Human Capital and Training Solutions. Provides human capital and training solutions.	09/26/2016 – 09/25/2026
 GSA Multiple Award Schedule (MAS)	Providing direct access to simple or complex Professional and IT services (consolidation of legacy PSS and IT70 Schedules). Engineering, Training, Cloud IT services; Cybersecurity; Data center services; Satellite services; Software and applications; Telecommunications; and Telepresence.	01/22/2015 – 01/21/2035
  GSA Astro	Operations, maintenance, readiness, R&D, systems integration, support for manned, unmanned, and optionally manned platforms and/or robotics, and services supporting those platforms and robotics. Platforms and robotics may be land, air, sea, and/or space-based.	Base:11/15/21-11/14/26 Opt. 1: 11/15/26-11/14/31
 Army RS3 (Unrestricted)	Provides customized best value solutions that span the spectrum of C4ISR mission requirements worldwide. Service areas include: Engineering; RDT&E; Logistics; Acquisition and Strategic Planning; Education/ Training.	10/18/2018 – 05/14/2027
 Army ITES-3S (Unrestricted JV)	Provides a full range of services and solutions necessary to support of Army Enterprise infostructure and infrastructure goals with IT services throughout CONUS and OCOUNS locations.	09/25/2018 – 09/24/2027

Other Transaction Authority (OTA) Consortia

Consortium	Manager	Sponsor	Ceiling	Term
Aviation and Missile Technology Consortium (AMTC)	ATI	Army(AvMC)	\$2B	10 Years
Consortium for Command, Control and Communications in Cyberspace (C5)	CMG	Army(ASA(ALT))	N/A	10 Years
Consortium for Energy, Environment and Demilitarization (CEED)	CMG	Army(ASA(ALT))	N/A	10 Years
Cornerstone	Rock Island Arsenal	OSD(MIBP)	N/A	N/A
Countering Weapons of Mass Destruction Consortium (CWMD)	ATI	OSD(JPEO-CBRND)	\$10B	10 Years
Consortium for RARE EARTH Technologies (CREaTe)	ATI	OSD(R&E)	N/A	10 Years
Defense Industrial Base (DIB) Consortium	ATI	ASD(IBP)	N/A	10 Years
Expeditionary Missions Consortium-Crane (EMC2)	ATI	NSWC(Crane)	N/A	6 Years
Information Warfare Resource Research Project (IWRP)	ATI	Navy(NIWC)	\$0.5B	5 Years
Maritime Sustainment Technology and Innovation Consortium (MSTIC)	ATI	Navy(NSWCPD)	N/A	10 Years
National Armaments Consortium (NAC)/DoD Ordnance Technology Consortium (DOTC)	ATI	OSD(A&S)	\$10B	10 Years
National Advanced Mobility Consortium (NAMC) / Defense Mobility Enterprise	NAMC	Army(GVSC)	\$2B	5 Years
National Center for Manufacturing Sciences (NCMS)	NCMS	DASD(MR)	\$0.9B	5 Years
National Spectrum Consortium (NSC)	ATI	OSD(R&E)	\$2.5B	5 Years
Naval Aviation Systems Consortium (NASC)	CMG	Navy(NAWCAD)	N/A	5 Years
Naval Surface Technology & Innovation Consortium (NSTIC)	ATI	Navy(NSWCDD)	N/A	10 Years
Sensors, Communications, and Electronics Consortium (SCEC)	SOSSEC	Army(CCDC(C5ISR))	N/A	10 Years
Space Enterprise Consortium (SpEC)	NSTXL	Space(SSC)	\$12B	10 Years
Strategic & Spectrum Missions Advances Resilient Trusted Systems (S2MARTS)	NSTXL	Navy(NSWC Crane)	N/A	10 Years
System of Systems Consortium (SOSSEC)	SOSSEC	Army(CCDC(AC))	Varies	Varies
Training & Readiness Accelerator (TRex) II	ATI	Army(PEO(STR))	N/A	5 Years
Undersea Technology Innovation Consortium (UTIC)	ATI	Navy(NUWC Newport)	\$200M	5 Years
Vertical Lift Consortium (VLC)	ATI	OSD(A&S)	\$200M	5 Years

Let's Continue the Conversation...



HII.COM

Brian Lindgren

Brian.Lindgren@hii-tds.com

(843) 465-3481

Mission Technologies

Naval Information
Warfare Center



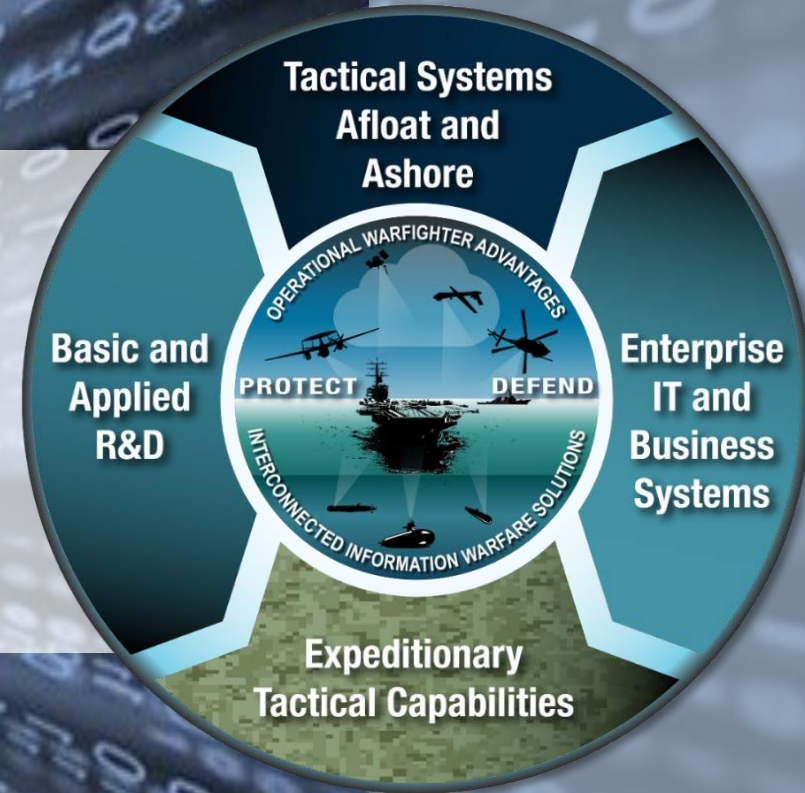
ATLANTIC

Naval Information Warfare Center Atlantic Prize Challenge

69th Charleston Defense Contractors Association
Strategic Business and Industry
Outreach Initiative (SBIOI)

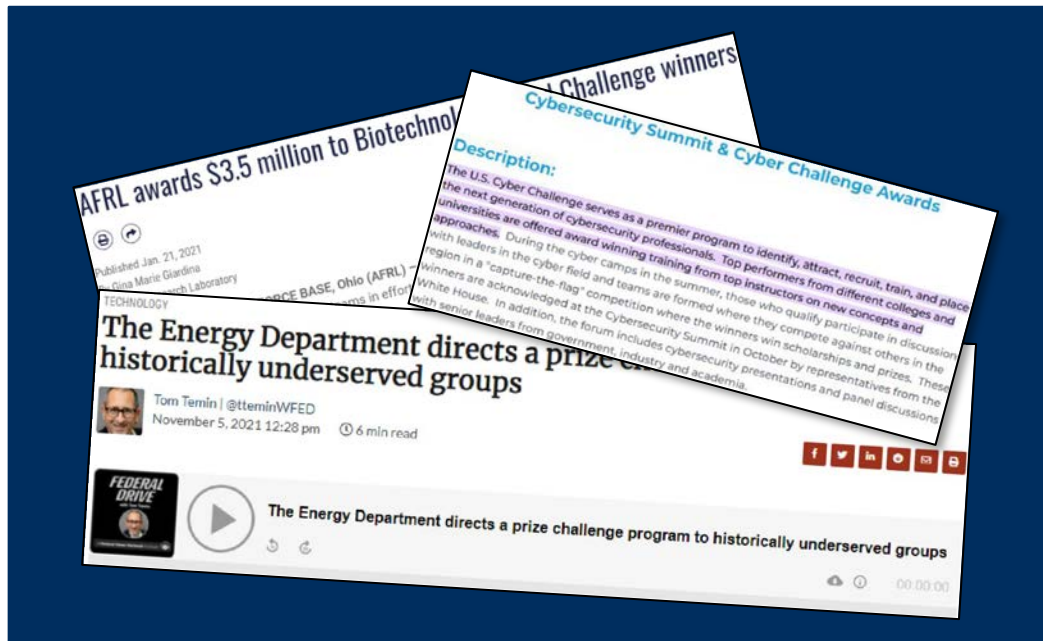
October 23, 2024

Ms. Sasha Camille Pascual
60D, Acquisition Planning Lead
Naval Information Warfare Center (NIWC) Atlantic



Prize Challenges 10 U.S. Code § 4025

NIWC Atlantic Announces Four Prize Challenges; Offers \$200,000 in Total Cash Prizes



The AMERICA Competes Act defines GOALS for Federal Prize Challenge

- Find and highlight innovative ideas
- Solve a specific problem
- Advance scientific research
- Develop technology
- Inform and educate the public
- Engage new people and communities
- Build capacity
- Stimulate a market
- Other

Design thinking workshops, crowdsourcing, collaboration showcase events and innovative contracting pathways to cast a wide net for industry and academic innovators to apply their latest technologies, processes and solutions to government problems and accelerate the path from idea to deployed solution.

Open Prize Challenges

- ▼ Artificial Intelligence (AI) Portfolio Optimization Challenge
 - Link: <https://www.challenge.gov/?challenge=artificial-intelligence-ai-portfolio-optimization>
- ▼ Secure Commercially-Based AI Environment for Real-World Naval Applications Challenge
 - Link: <https://www.challenge.gov/?challenge=creating-a-secure-commercially-based-ai-environment-for-real-world-naval-applications>
- ▼ Maritime EMS Constructive Simulator (MECS) Challenge
 - Link: <https://www.challenge.gov/?challenge=maritime-ems-constructive-simulator-mecs>
- ▼ Triad of Autonomy Challenge
 - Link: <https://www.challenge.gov/?challenge=triad-of-autonomy>



**\$200,000
in Total
Cash
Prizes!**

Prize Challenges: Deadlines

▼ Deadline for Phase 1 Submissions across all four (4) Prize Challenges

- Date: Friday, 08 NOV 2024
- Time: 06:00 PM ET

▼ Phase 2 In-Person Presentations

- The Top Five (5) solvers from each Challenge will be invited to present their solution at the CDCA Eastern Defense Summit 11-12 DEC 2024

The Government has the option to perform follow-on acquisitions to the vendors of the Prize Challenges proposing against the problem statements

Prize Challenges: Who Can Participate?

Traditional DoD Industry

Universities & Colleges

Non-traditional Commercial Industry

Technical Schools

Small Business

HBCUs and MIs

New Start-ups

Primary and Secondary Schools

Non-profits

STEM Programs



Prizes and challenges are competitions among individuals, communities, government entities, businesses, institutions, or non-profit organizations to achieve defined goals in a defined timeframe.



Questions?

Company Spotlight



MLT Systems



*Serving the Professional Men & Women
who are called upon to Protect Our Homeland.*

MLT SYSTEMS CAPABILITIES BRIEF

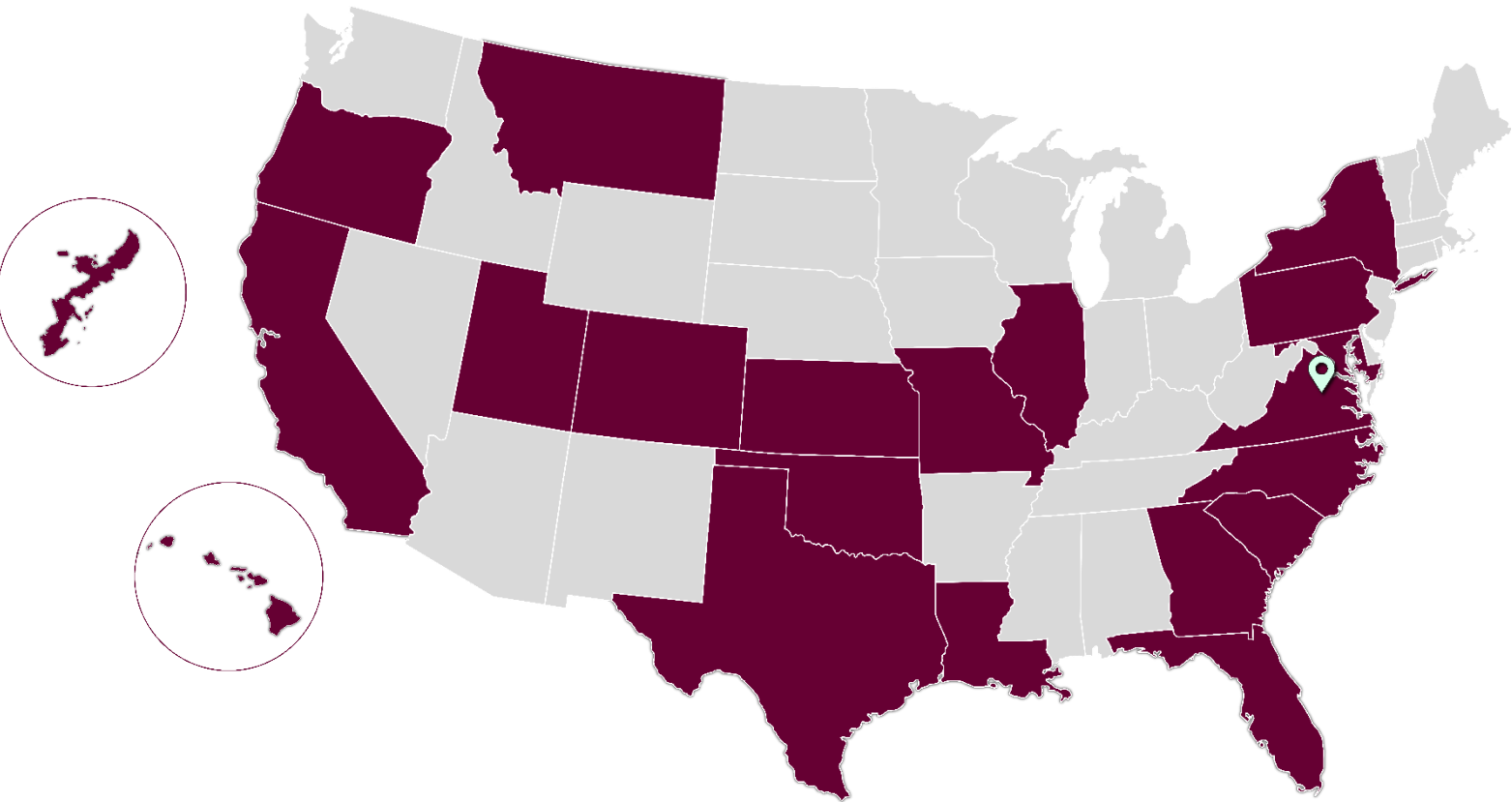
**JON WALMAN
OCTOBER 23, 2024**



COMPANY OVERVIEW

CORPORATE PROFILE and LOCATIONS

- | | |
|--|--|
| <ul style="list-style-type: none">• Corporate Headquarters
16 Center St., Suite 103
Stafford, VA 22556• Established in 2008 | <ul style="list-style-type: none">• SBA-certified Service-Disabled Veteran-Owned Small Business (SDVOSB)• Secret Facility Security Clearance (interim TS FCL)• ISO 9001:2015 certified |
|--|--|



CORE CAPABILITIES



CAPABILITIES DEVELOPMENT

- Analysis of Alternatives
- Capabilities & Concept Development
- Capability-Based Assessments
- Doctrine & DOTMLPF Analysis
- Requirements Development
 - EFDS & JCIDS planning
 - Dynamic Object-Oriented Requirements System (DOORS)



SYSTEMS ENGINEERING

- Computer-Aided Design & Technical Drawings
- Configuration Management
- Engineering Assessments
- Manufacturing Analysis
- Production Planning Analysis
- Systems Engineering Technical Review Planning & Execution
- Systems Safety
- Technical Writing
- Test & Evaluation



PROGRAM & ACQUISITION MANAGEMENT

- Acquisition Documentation
- Executive Administration
- Manpower, Personnel & Training Analysis
- Milestone Decision Reviews
- Program Analysis
 - Initiating, Planning, Execution, Monitor & Control, Closing



BUDGET & FINANCIAL MANAGEMENT

- Audit Support & Readiness
- Budget Planning & Formulation
- Budget Execution & Reporting
- Comparative Risk Analysis
- Program Objective Memorandum (POM) Planning



BUSINESS & COST ANALYSES

- Acquisition Strategy
- Affordability Analysis
- Business Case Analysis
- Cost Analysis
- Life Cycle Cost Estimates
- Market Surveys
- Strategic Planning
- Technology Roadmaps



LIFECYCLE LOGISTICS

- Cataloging & Provisioning
- Divestment & Disposal
- Field Service Representatives
- Fielding Support
- Lifecycle Logistics Documentation
- Medical Logistics
- Performance Based Logistics
- Product Support Planning & Management
- Property Management
- Supportability Analysis
- Sustainment Planning
- Warehouse Management



INFORMATION TECHNOLOGY

- Application & Tools Development
- Cybersecurity
- Help-desk Support
- Instructional System Design
- SharePoint Development
- Systems Administration

CUSTOMER PROFILE (CONTRACT VEHICLES)



Naval Information
Warfare Center



ATLANTIC



SeaPort-NxG

SeaPort Next Generation
Multiple-Award IDIQ
Contract Number:
N00178-19-D-8131

GSA MAS

General Services Administration
Multiple-Award Schedule (MAS)
Contract Number:
GS-10F-0168W



GSA OASIS+

OASIS+ SB & SDVOSB (3 Domains)
Management and Advisory
Technical and Engineering
Logistics



CUSTOMER SPOTLIGHT 1

MARINE CORPS SYSTEMS COMMAND

Program Manager, Advanced Amphibious Assault (PM AAA)

CONTRACT OVERVIEW

Prime Contracts:

- PM AAA Program Manager Office
- PM AAA New Equipment Training
- PM AAA Warehouse Support
 - 1 ACAT IC and 1 ACAT III Program of Record

Total FTEs: 100+ at 7 locations

Total Contract Value: \$100M+

TECHNICAL SCOPE

DoD Acquisition, Programmatic, and Technical Management support services include:

- | | |
|---------------------------------|---|
| • Program Management | • Lifecycle Logistics |
| • Program Analysis | • New Equipment Training |
| • Budget & Financial Management | • Inventory Management |
| • Integrated Master Scheduling | • Property Management |
| • Risk Management | • Warehouse Management |
| • Systems Engineering | • SharePoint Development & Administration |
| • Test & Evaluation | • Technical Writing |
| • Cybersecurity | |

PERFORMANCE HIGHLIGHTS

- MLT has received “Exceptional” or “Very Good” ratings on all PM AAA CPARs since 2019
- Consistently met all Quality Assurance standards and supported all staffing needs by PM AAA customers



CUSTOMER SPOTLIGHT 2

NAVAL INFORMATION WARFARE CENTER (NIWC) ATLANTIC

Product Manager Engineer Systems (PdM ES)

CONTRACT OVERVIEW

Prime Contract:

- PdM ES Program Manager Office (PMO)
 - Provide advanced tactical engineer capabilities to conduct mobility, counter-mobility, Explosive Ordinance Disposal operations, vertical construction, horizontal construction, bulk liquid operations, and mobile electric power operations

Total FTEs: 30+ at four locations

Total Contract Value: \$35M+

TECHNICAL SCOPE

Engineering, Technical, and Logistics Management support services include:

- | | |
|------------------------------------|---------------------------------|
| • Engineering & Testing | • Manpower Training & Analysis |
| • Configuration Management | • Cybersecurity |
| • Lifecycle Logistics | • Budget & Financial Management |
| • Field Services Representative | |
| • Equipment Fielding & Procurement | |

PERFORMANCE HIGHLIGHTS

- Within the Base Year of this CPFF contract, the customer has added one special project and increased the level of effort across four external offices, expanding our support to PdM FWS, CD&I, PdM Ammo, and Gruntworks

BUSINESS LEADERS



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President / CEO

mark@mltsystems.com

(540) 318-6383 x1008



Jerry Balestreri

Chief Operations Officer

jbalestreri@mltsystems.com

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Vice President –
Professional Services
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Jon Walman

Director of Business Development -
Army, Navy, Other
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(703) 623-4867



NSWC Crane – How to Work With Us!



CAPT Rex Boonyobhas, USN
Commanding Officer

Dr. Angela Lewis, SES
Technical Director





Matthew Romero
Customer Advocate
NSWC Crane



Kaylee Diamond
Deputy for Small Business
NSWC Crane



Deliver innovative solutions and readiness to the NATION and its
WARFIGHTERS.

Advance all-domain system of systems within the Mission Areas of:



STRATEGIC MISSIONS



**ELECTROMAGNETIC
WARFARE**



**EXPEDITIONARY
WARFARE**

Vision

COMBATING OUR NATION'S GREATEST THREATS,
NSWC CRANE IS THE **INDISPENSABLE MISSION
EXPERT**, LEVERAGING OUR DEEP TECHNICAL
HERITAGE TO **DELIVER SOLUTIONS THROUGH
INNOVATION AND STRATEGIC PARTNERSHIPS.**

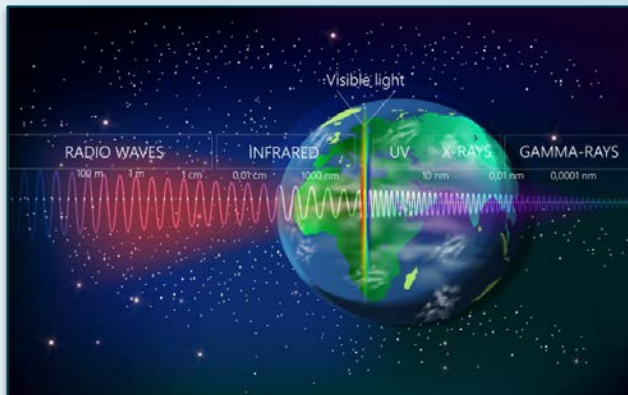
Fleet Readiness and Modernization



Hypersonics

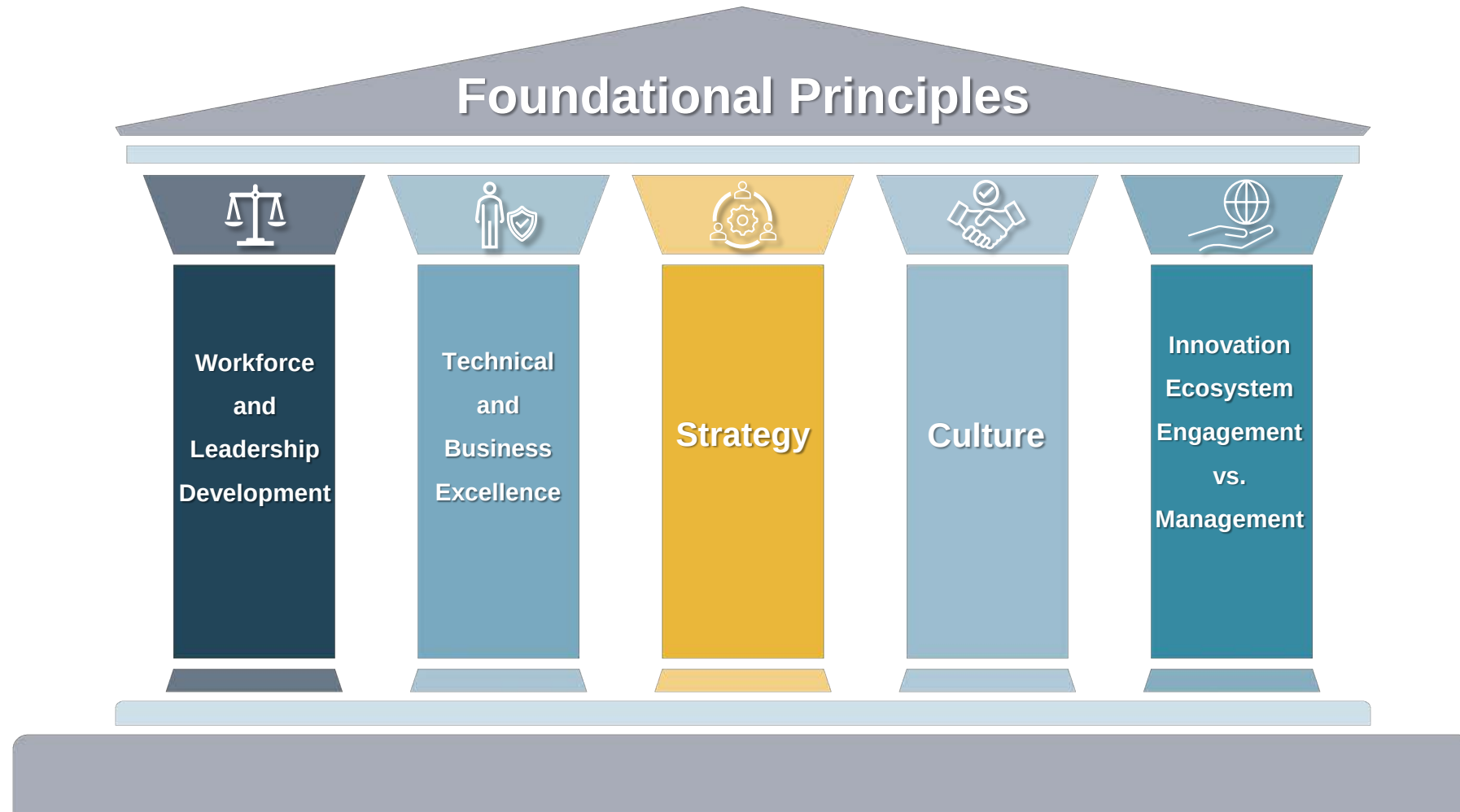


Electromagnetic Spectrum Operations

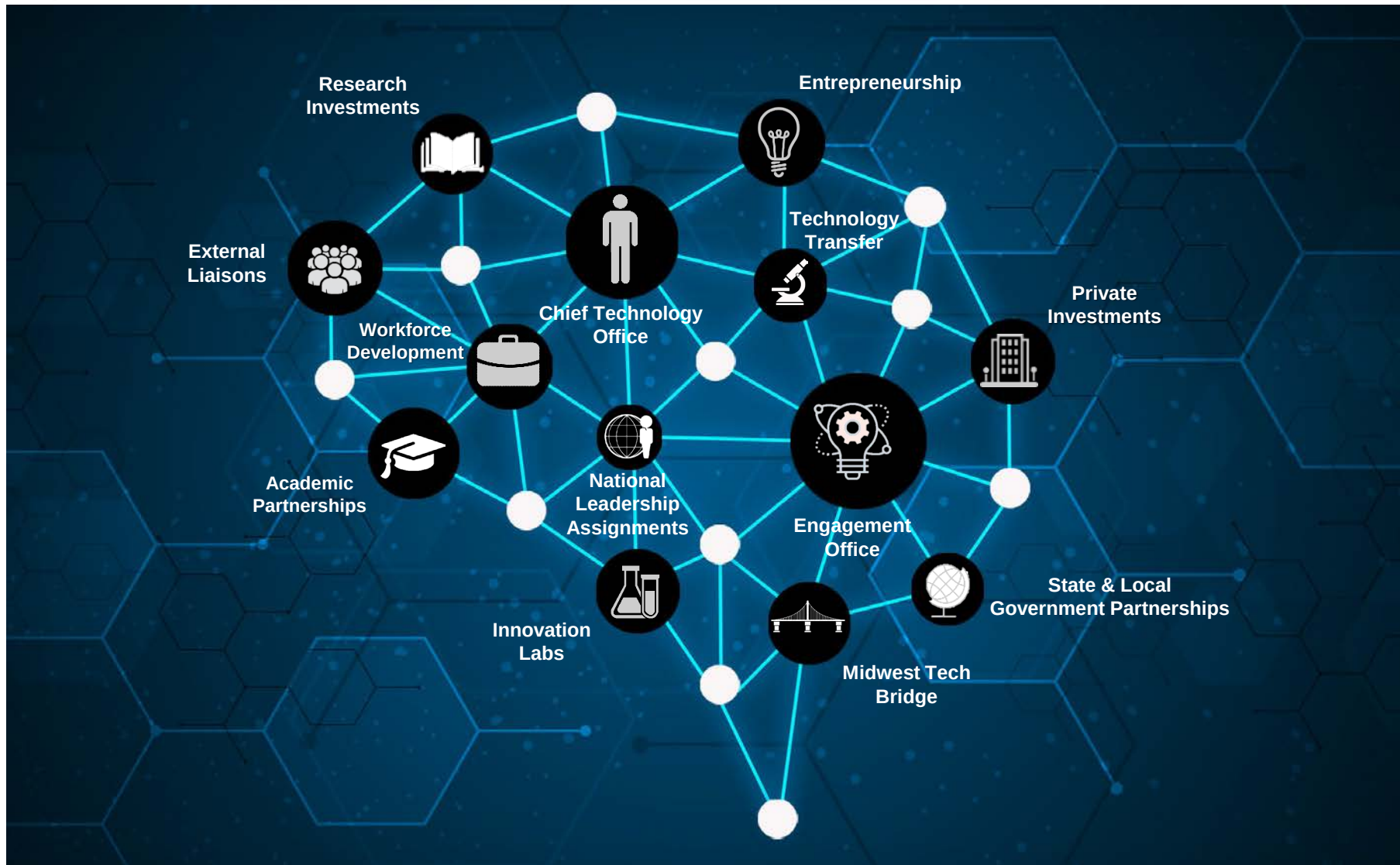


Autonomous Systems

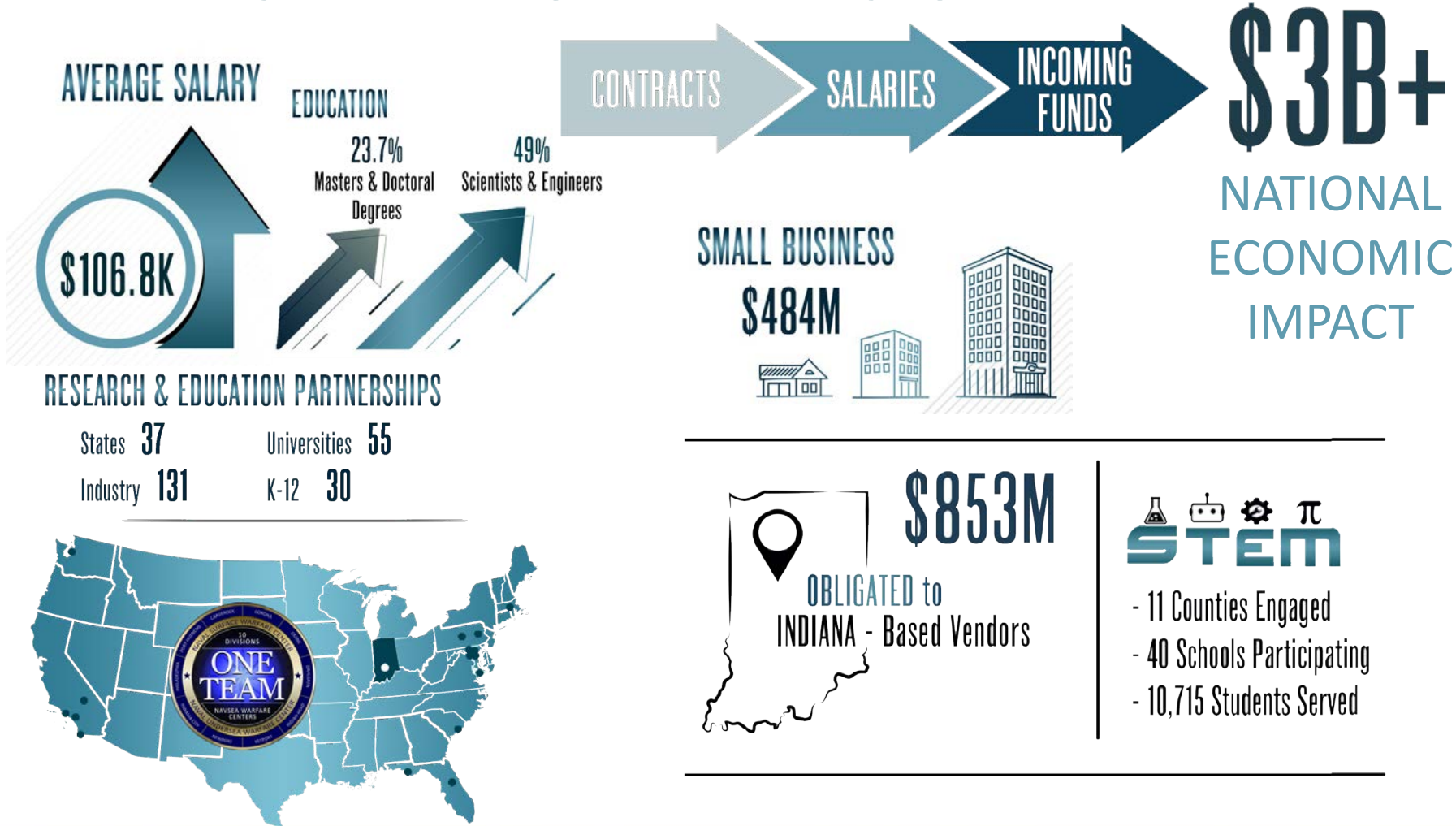




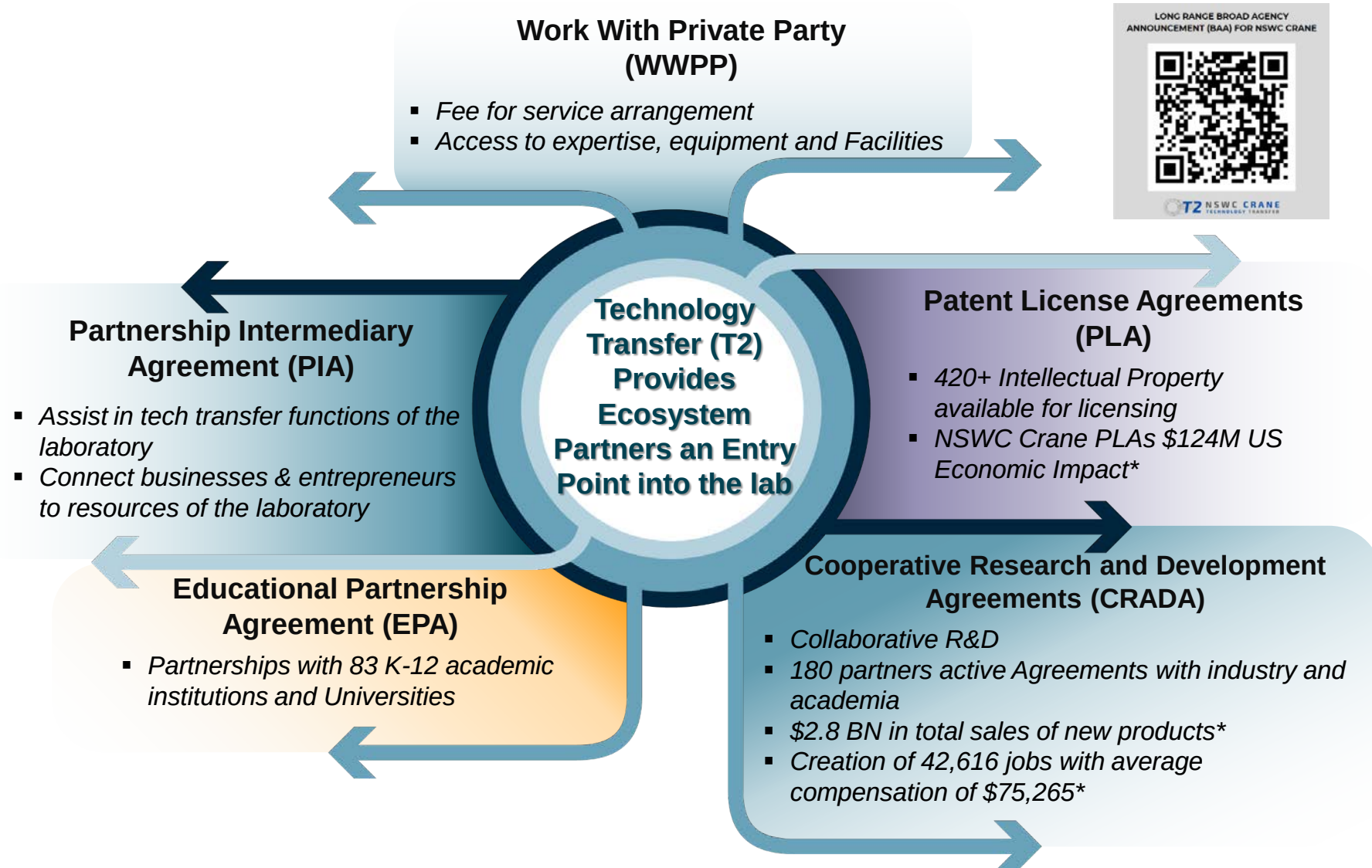
Innovation Ecosystem Model



• NATIONAL AND STATE IMPACTS



Gateway for Collaboration



TOP 10 CATEGORIES OF PROCUREMENT

**FY23 Top Ten NAICS Categories
Awarded by NSWC Crane:**

NAICS	Sum of Dollars Obligated
541330: Engineering Services	\$ 1,119,955,331.13
334511: Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing	\$ 148,999,739.90
332994: Small Arms, Ordnance, and Ordnance Accessories Manufacturing	\$ 26,170,656.42
541519: Other Computer Related Services	\$ 23,174,394.14
335911: Storage Battery Manufacturing	\$ 19,179,600.53
333314: Optical Instrument and Lens Manufacturing	\$ 17,659,408.89
541715: Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology)	\$ 14,961,118.15
325920: Explosives Manufacturing	\$ 13,132,845.74
332710: Machine Shops	\$ 11,900,415.26
336611: Ship Building and Repairing	\$ 10,617,272.87

- We are heavily engaged in finding solutions for:
 - Autonomous systems
 - Defense against autonomous systems
 - Cyber, IT, IA, Systems integration software, and more
 - Electromagnetic Domains
 - Hypersonics & Microelectronics



- **Broad Agency Announcement: N00164-24-S-NB35** (full announcement on [SAM.gov](https://sam.gov))
Seeks revolutionary research ideas, and technology demonstrators that offer potential for advancement and improvement of NSWC Crane's primary mission areas. Whitepaper/Abstracts submission.
- **Large Contracts:** [https://sam.gov/](https://sam.gov)
All actions >\$25K are advertised here; search "N00164" for Crane opportunities
- **Services/SEAPORT:** <https://seaport.navy.mil>
*Navy-wide portal for procurement of common Engineering and Program Management Services
Includes "Information System (IS) Development, Information Assurance (IA), and Information Technology (IT) Support"*
- **Simplified Acquisition Procedures (SAP):** [https://sam.gov/](https://sam.gov) and <https://GSAadvantage.gov>
- **Other Transaction Authority Consortia:**
[EMC2](#)
[Home Page - S2MARTS](#)
- **Tradewind AI:** <https://www.tradewindai.com>
AI, Digital, Data Analytics – 5min video pitch
- **Commercial Solutions Opening**
 - Coming Soon!
- **NETWORKING** and teaming relationships with other businesses (large and small)
- **CONNECT** with our Deputy for Small Business

- **Connect to Crane (C2C) - Tue, October 29 at The Mill Bloomington, IN**
 - Join us for the CRDG Connect to Crane (C2C) event featuring a speed networking session between small businesses and over 20 Defense Leaders from NSWC Crane and large Prime Contractors:
 - [Events | Crane Regional Defense Group](#)
- **Connect to Mission (C2M) - Tue, November 5 at WestGate Academy Odon, IN**
 - Join us for the quarterly CRDG Connect to Mission (C2M) event featuring NSWC Crane's Business Department. Check the below link for upcoming events:
 - [Events | Crane Regional Defense Group](#)

CLOSING COMMENTS



NSWC Crane Deputy for Small Business
nswc_crane_dsb@us.navy.mil

QUESTIONS?



Mr. Pete Van

Co- Chair

CDCA SBIOI

Events & Engagements Committee

Thank You



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**SBIOI
Exhibitors!**

- Bank of America
- Biorn Group Cyber
- CDCA Nominating Committee
- Corporate Information Technologies
- H&H Talent Solutions
- IWRP Consortium
- S4 Systems
- SMPL-C



Remember to stop by the
Take One Table
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Your feedback will help us provide you
the best experience possible.

Please submit your survey by 3:00 pm on the last day of the
SBIOI (24 Oct) for a chance to win a \$50 gift card from the
CDCA!

Congratulations!

Previous Survey Gift Card Winners:

66th SBIOI:

Susan Lewis, Skylla

67th SBIOI:

Kathryn Cox, Linchpin Solutions

68th SBIOI:

Rick Martier, Joint Tactics and Technologies

69th CDCA SBIOI
Session ID:
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Today's Presentations will be posted!



NIWC Atlantic Briefs: <https://www.niwcatlantic.navy.mil/for-industry/>

All Other Briefs: https://charlestondca.org/page/events_sbioi_69





Save the Date
for the next

CDCA SBIOI

70th SBIOI: March 11-12, 2025

71st SBIOI: July 15-16, 2025

72nd SBIOI: October 15-16, 2025

SBIOI Networking Events:

March 11, 2025

July 15, 2025

October 15, 2025

CDCA'S 69th SBIOI AGENDA Day 2

Day 2: Thursday, 24 Oct 2024

- 08:30 Ms. Camila Anderson, Chair, CDCA Events & Engagements SBIOI Committee
"Introduction of Agenda and Speakers"
- 08:35 Platinum Company Spotlight: S4 Systems
- 08:40 Mr. Greg Hays, SSTM, Rapid Prototyping and Experimentation, NIWC Atlantic
"Command Update"
- 09:10 Q&A Session
- 09:20 Platinum Company Spotlight: Scientific Research Corporation
- 09:25 Coffee & Networking Break
- 09:40 Kevin Gerald, Deputy 700's/FIRD
Martina Jackson, Foreign Military Sales/Air Integration/USCG (PMW 740) Division Head, NIWC Atlantic
Mark Held, Surface Ship Integration (PMW 750/760) Division Head, NIWC Atlantic
James Landreth, Submarine Integration (PMW 770) Division Head, NIWC Atlantic
Kevin Gerald for Mark Luther, Shore C4I Integration (PMW 790) Division Head, NIWC Atlantic
Jeffrey Creson for Linda Reynolds, Fleet Installations and Response Division Head, NIWC Atlantic
Todd Rollins, 2.0 Lead, C4I 700s/FIRD, NIWC Atlantic
- 11:20 Q&A Session
- 11:30 Lunch
- 12:30 Mr. Lee Stubbs, Chief Technology Officer, Fleet C4I and Readiness Department, NIWC Atlantic
Mr. Matt Blair, Chief Engineer, Fleet C4I & Readiness Department, NIWC Atlantic
- 1:10 Q&A Session
- 1:20 Platinum Company Spotlight: WR Systems
- 1:25 Tammi Jackson-Griffin, Interior Communications Unclassified Video Program Manager, NAVSEA 05H5
- 1:55 Q&A Session
- 2:05 Coffee & Networking Break
- 2:15 Mr. John O'Connor, Deputy Director, Office of Small Business Programs (OSBP), NIWC Atlantic (15 min)
- 2:30 Mr. Steve Harnig, NIWC Atlantic 2.0 Contracts Competency Director, NIWC Atlantic
"NIWC Contracts and CIC Update"
Mr. Todd Rollins, Fleet C4I 700s & Readiness, NIWC Atlantic
Ms. Erica Smoak, Expeditionary Warfare/Enterprise Systems/Non-Department, NIWC Atlantic
Mr. Adam Solivan, Shore C2ISR & Integration, NIWC Atlantic
Ms. Sheela Casper, C4I 100s/Science & Technology Department, NIWC Atlantic
Mr. Giancarlo Dumenigo, Agreements Officer, NIWC Atlantic
- 2:40 Q&A Session
- 2:50 Mr. Pete Van de Meulebroecke, Co-Chair, CDCA Events & Engagements SBIOI Committee
"Closing Remarks and Announcements"
- 3:00 PEO C4I PMW 700's Department Speed Networking (1.5 hr) - Separate registration and pre-registration required by 4 pm on 11 Oct



SBIOI Networking Event

Limited Spots - Pre-Registration Required

<https://www.eventbrite.com/e/sbioi-networking-social-with-afcea-cdca-wid-tickets-1012867252217?aff=CDCAwebsite>

Wednesday, 23 October 2024

4:00 pm – 6:00 pm

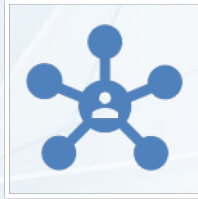
Share House

23 Ann Street, Charleston, SC

Speed Networking Session Information



All Speed Networking
Participants received an email
confirming participation / table
assignments



Speed Networking Participants
should remain in the ballroom
– should anything change with
the schedule, we will not come
find you in the lobby

If you are on standby for a
table, you may wait in the back
of the ballroom to see if a spot
opens up for you to be called
into it.



Should there be any
empty spots in the
sessions:

- o Empty slots at tables 7-18 can be filled by those waiting in the back of the room
 - Do *not* approach any empty table unless directed to do so by the emcee
 - I will announce any opening, select the participants and direct them to the appropriate table
- o If you are listed as an alternate to a table, you will be called to meet if a company does not show for their assigned time



Speed Networking Session

Speed Networking Schedule



Table	Title	Table Rep(s)	2:30-2:40	2:42-2:52	2:54-3:04	3:06-3:16	3:18-3:28	3:30-3:40	3:42-3:52	Alternate 1	Alternate 2
1	Battle Space Awareness Division (PMW 120)	John B. Thompson - BA Div Head, Possibly Pat Kistner, ASE IPT Lead, & Guy Jetter, DCGS-N IPT Lead	Del Rey	Proksi Systems	STF	DLH	Chenega	Modus21	ADS		
2	Battle Space Awareness Division (PMW 120)	John B. Thompson - BA Div Head, Possibly Pat Kistner, ASE IPT Lead, & Guy Jetter, DCGS-N IPT Lead	Nakupuna	Del Rey	Nutanix	Chenega	Modus21	DLH	Sentar		
3	Navy Cyber Security Division (PMW 130)	Jeff Sweeney, IA & Navy Cyber Security Division Head (PMW 130), Michael Johnson, Jr., Crypto and Key Management IPT Lead, Sonja McKelvey, Multi- Level	Nutanix	RMC	Proksi Systems	ADS	Makai	Nakupuna	Centurum	JRC Integrated	
4	Navy Afloat Transport and Navigation Division (PMW 170)	Robert James, PMW 170 Division Head, Michael F Johnson, Software Defined Radio (SDR) IPT Lead	Makai	Booz Allen Hamilton	Centurum	TapHere!	STF	JRC Integrated			
5	C4ISR Dept Leadership	Kevin Gerald (FC4I Deputy Dept Head, 700's/FIRD), Travis Tillman (FC4I Deputy Dept Head, 100's)	Booz Allen Hamilton	Nakupuna	DLH	IBM	Centurum	ADS			
6	C4ISR Dept Leadership	Greg Lancaster (FC4I Dept Head, Kim Liston (FC4I Dept Technical Acquisition Manager (TAM)	STF	DLH	Booz Allen Hamilton	Nakupuna	ADS	Liberty Business Associates	IBM		
7	NIWC Atlantic Office of Small Business Programs	Mr. John O'Connor, Deputy Director OSBP, NIWC Atlantic	MKS2 Technologies	Moebius Solutions	ASI	Centurum	Trideum	Chenega	DP Professionals	ADS	
8	NIWC Atlantic Office of Small Business Programs	Ms. Beth Cecchetti, Small Business Professional, OSBP, NIWC Atlantic	4 Arrows	Arnouse Digital	Hartwood Consulting	Del Rey	Proksi	Makai	JRC Integrated		
9	Office of Small Business, NSWC Crane	Kaylee Diamond, Deputy for Small Business	Prism Maritime	Adapt Forward	4 Arrows	Makai	Nutanix	Moebius	Hartwood	ASI	TapHere!
10	Navy SBIR	Mr. Steven Carloti, Ms. Jamie Dement	DP Professionals	SimVentions	Sentar	JRC Integrated	Analytics HQ	TapHere!	Trideum	Adapt Forward	
11	Advanced Computer Concepts (ACC)	Azher Salikuddin, Director of Contracts	Arnouse Digital	4 Arrows	TQA	Analytics HQ	ASI	DP Professionals			
12	American Systems	Hezekiah White, Senior Capture Manager	JMA	Makai	Trideum	TQA	TapHere!				
13	Biorn Group Cyber	Khanh Tran	JRC Integrated	Chenega	Del Rey	Nutanix	DP Professionals	Prism Maritime	JMA		
14	Resource Management Concepts, Inc. (RMC)	Ashton Miller, VP, Director of Business Development	Adapt Forward	ASI	DP Professionals	Trideum					
16	Strategic Tech Solutions	John Harrill, Senior Account Executive	Trideum	Analytics HQ	Prism Maritime						
17	Trusted QA	Perry Townsend, CGO	Noblis	TapHere!	Chenega	DP Professionals	TQA	ASI	Proksi Systems		
18	Varada Consulting, LLC	Ashley Ferrigno, Director of Marketing & Proposals	DLH	DP Professionals	Analytics HQ						



Welcome

CDCA's

69th Strategic Business and Industry Outreach Initiative
(SBIOI)

October 23-24, 2024



Ms. Camila Anderson

Chair

CDCA SBIOI

Events & Engagements Committee

Welcome

Thank You



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Thank You

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- SMPL-C



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All Other Briefs: https://charlestondca.org/page/events_sbioi_69



**Registration is open!
Early Bird Rate
ends today!**

REGISTRATION FEES: General Registration:

\$550 – Early Bird (register *before* October 25, 2024)

\$675 – Advanced (register *between* October 25, 2024 and December 9, 2024)

\$775 – On-Site (register *on or after* December 10, 2024)

*** CDCA Members receive a discount**

**** Government & Media receive a complimentary registration**

***** Sponsorships and volunteer opportunities come with a complimentary registration, so be sure to check them out.**

Go to <http://www.easterndefensesummit.com> for more information



EASTERN DEFENSE SUMMIT



SAVE THE DATE

December 11-12, 2024
Charleston Area Convention Center
Charleston, SC

To register visit: easterndefensesummit.com

Interested in sponsoring? e-mail us at
sponsors@charlestondca.org

For more info





Save the Date
for the next

CDCA SBIOI

70th SBIOI: March 11-12, 2025

71st SBIOI: July 15-16, 2025

72nd SBIOI: October 15-16, 2025

SBIOI Networking Events:

March 11, 2025

July 15, 2025

October 15, 2025

CDCA'S 69th SBIOI AGENDA Day 2

Day 2: Thursday, 24 Oct 2024

- 08:30 Ms. Camila Anderson, Chair, CDCA Events & Engagements SBIOI Committee
“Introduction of Agenda and Speakers”
- 08:35 Platinum Company Spotlight: S4 Systems
- 08:40 Mr. Greg Hays, SSTM, Rapid Prototyping and Experimentation, NIWC Atlantic
“Command Update”
- 09:10 Q&A Session
- 09:20 Platinum Company Spotlight: Scientific Research Corporation
- 09:25 Coffee & Networking Break
- 09:40 Kevin Gerald, Deputy 700's/FIRD
Martina Jackson, Foreign Military Sales/Air Integration/USCG (PMW 740) Division Head, NIWC Atlantic
Mark Held, Surface Ship Integration (PMW 750/760) Division Head, NIWC Atlantic
James Landreth, Submarine Integration (PMW 770) Division Head, NIWC Atlantic
Kevin Gerald for Mark Luther, Shore C4I Integration (PMW 790) Division Head, NIWC Atlantic
Jeffrey Creson for Linda Reynolds, Fleet Installations and Response Division Head, NIWC Atlantic
Todd Rollins, 2.0 Lead, C4I 700s/FIRD, NIWC Atlantic
- 11:20 Q&A Session
- 11:30 Lunch
- 12:30 Mr. Lee Stubbs, Chief Technology Officer, Fleet C4I and Readiness Department, NIWC Atlantic
Mr. Matt Blair, Chief Engineer, Fleet C4I & Readiness Department, NIWC Atlantic
- 1:10 Q&A Session
- 1:20 Platinum Company Spotlight: WR Systems
- 1:25 Tammi Jackson-Griffin, Interior Communications Unclassified Video Program Manager, NAVSEA 05H5
- 1:55 Q&A Session
- 2:05 Coffee & Networking Break
- 2:15 Mr. John O'Connor, Deputy Director, Office of Small Business Programs (OSBP), NIWC Atlantic (15 min)
- 2:30 Mr. Steve Harnig, NIWC Atlantic 2.0 Contracts Competency Director, NIWC Atlantic
“NIWC Contracts and CIC Update”
Mr. Todd Rollins, Fleet C4I 700s & Readiness, NIWC Atlantic
Ms. Erica Smoak, Expeditionary Warfare/Enterprise Systems/Non-Department, NIWC Atlantic
Mr. Adam Solivan, Shore C2ISR & Integration, NIWC Atlantic
Ms. Sheela Casper, C4I 100s/Science & Technology Department, NIWC Atlantic
Mr. Giancarlo Dumenigo, Agreements Officer, NIWC Atlantic
- 2:40 Q&A Session
- 2:50 Mr. Pete Van de Meulebroecke, Co-Chair, CDCA Events & Engagements SBIOI Committee
“Closing Remarks and Announcements”
- 3:00 PEO C4I PMW 700's Department Speed Networking (1.5 hr) - Separate registration and pre-registration required by 4 pm on 11 Oct

Company Spotlight





Expert Integrated Logistics
Support, Engineering &
Sustainment Services

www.s4-systems.com

Presented By : Lesa Napolitan



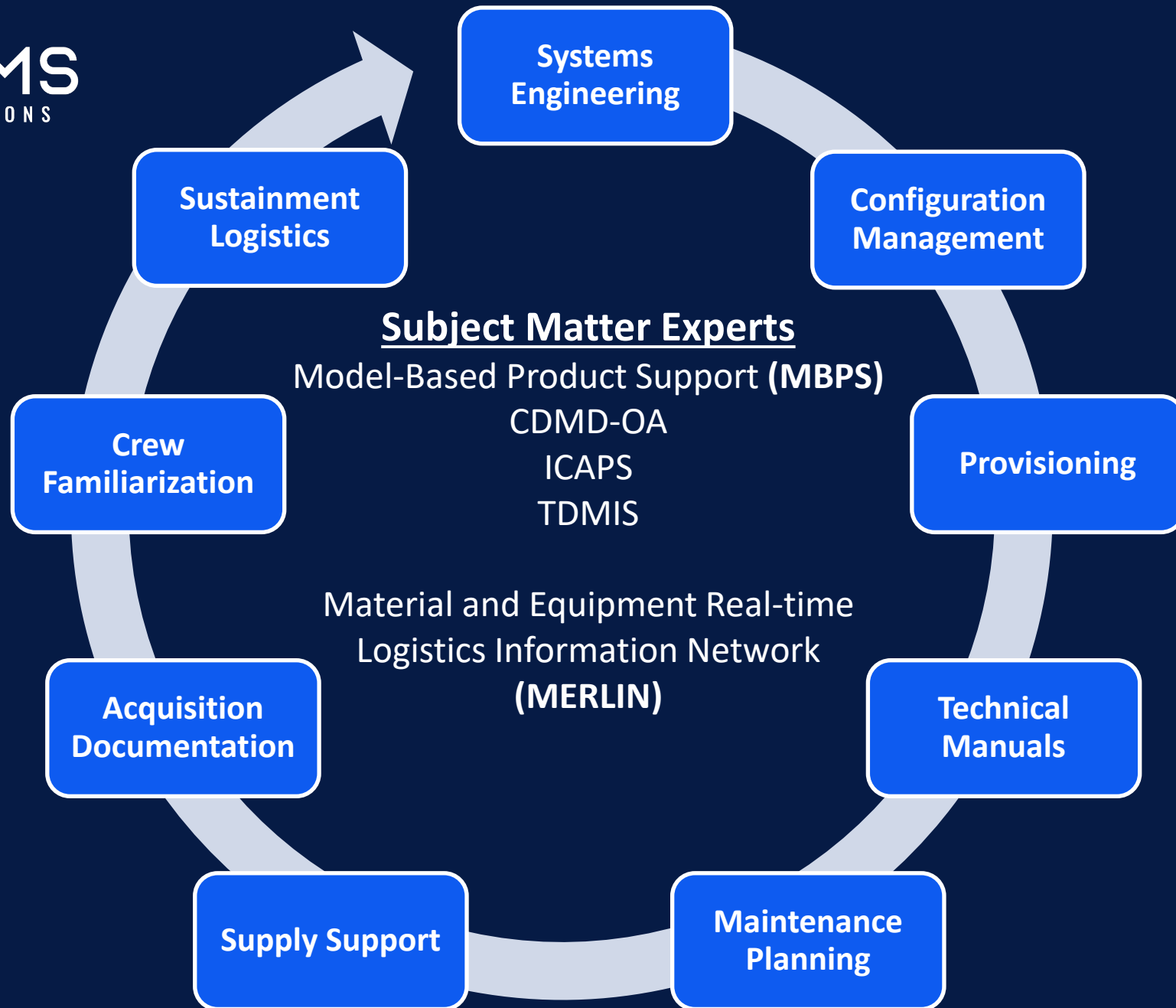
Founded in 2011



SDB/WOSB

Integrated Logistics Support is TOO Mission Critical
to become an afterthought.

Charleston | Mobile | DC | San Diego



Relevant Experience

We are proud to support **NAVSEA**, **NAVAIR**, and **NAVWAR** with ILS solutions that increase life-cycle support and reduce total ownership costs.

NAVSEA

Hull, Mechanical & Electrical (HM&E) Integrated Logistics Support products for Strategic & Theater Sealift Ships (PMS385) programs.

Contract No. N0017814D7912

NAVAIR

Program management and Integrated Logistics Support for Auxiliary and Special Mission Ships (PMS 325) NAVAIR and GFE support.

Contract No. N0017819D8465

NAVWAR

C4I Integrated Logistics Support for communication and navigation equipment installed by NIWC-LANT & PMW 760.

Contract No. N0017819D8634



Goals

Our mission is straightforward: To support the warfighter by ensuring they have the logistics support necessary to complete their missions.

Teaming Agreements

- Expand current partnerships
- Team on additional contracts

Prime SBSA

Prime small business set-aside opportunities

Expand Customers

- NAVSEA
- NAVAIR
- NAVWAR
- DHS

THANK YOU!



www.s4-systems.com

LesaNapolitan@s4-systems.com

(904) 383-2223

Naval Information
Warfare Center



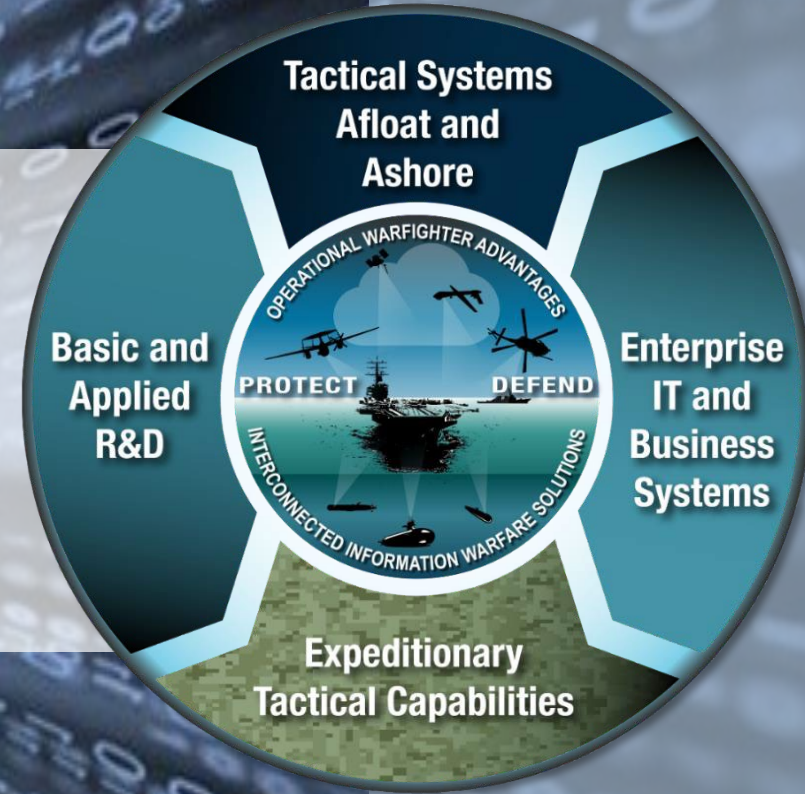
ATLANTIC

Naval Information Warfare Center Atlantic

Speed to Capability

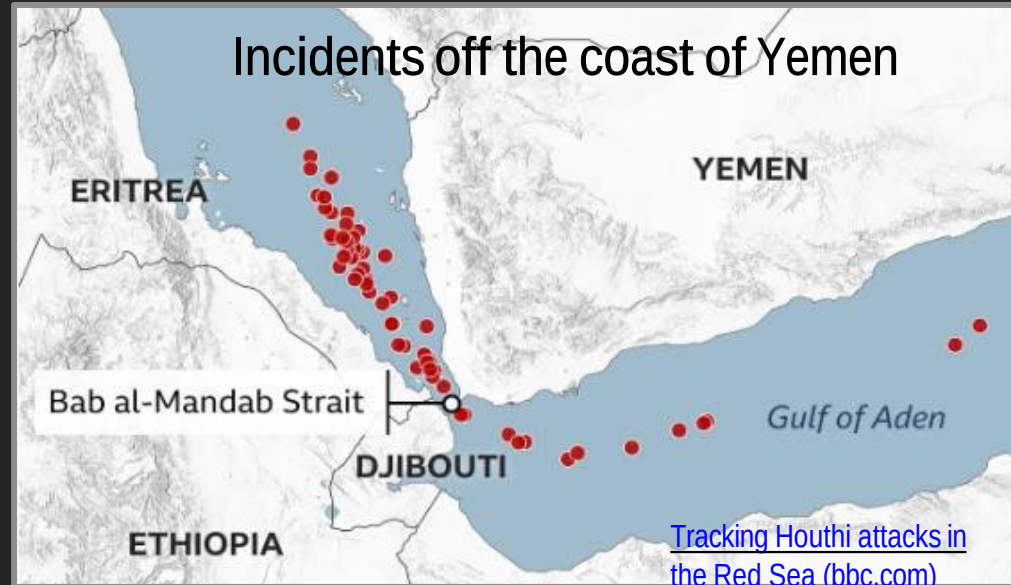
69th Strategic Business Industry Outreach
Initiative (SBIOI) Symposium
24 October 2024

Mr. Greg Hays, SSTM
NIWC Atlantic
DSE Rapid Prototyping & Experimentation

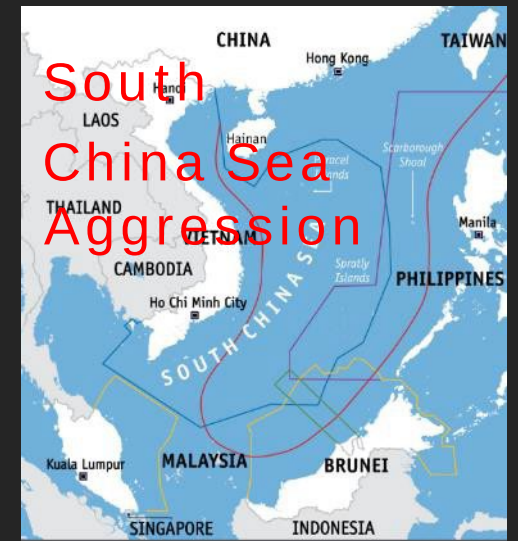


Our Current Environment Demands Urgency

- ▼ Changing character of war
- ▼ Cheaper more accessible technology
- ▼ PRC, multi-domain/multi-axis threat
- ▼ Growing nuclear arsenal
- ▼ Active battlefields from Ukraine to the Middle East
- ▼ Terrorism remains a persistent condition



China on path of being ready to invade Taiwan by 2027



NIWC Atlantic poised to support our Nation's warfighters

Executing National and Naval Strategies



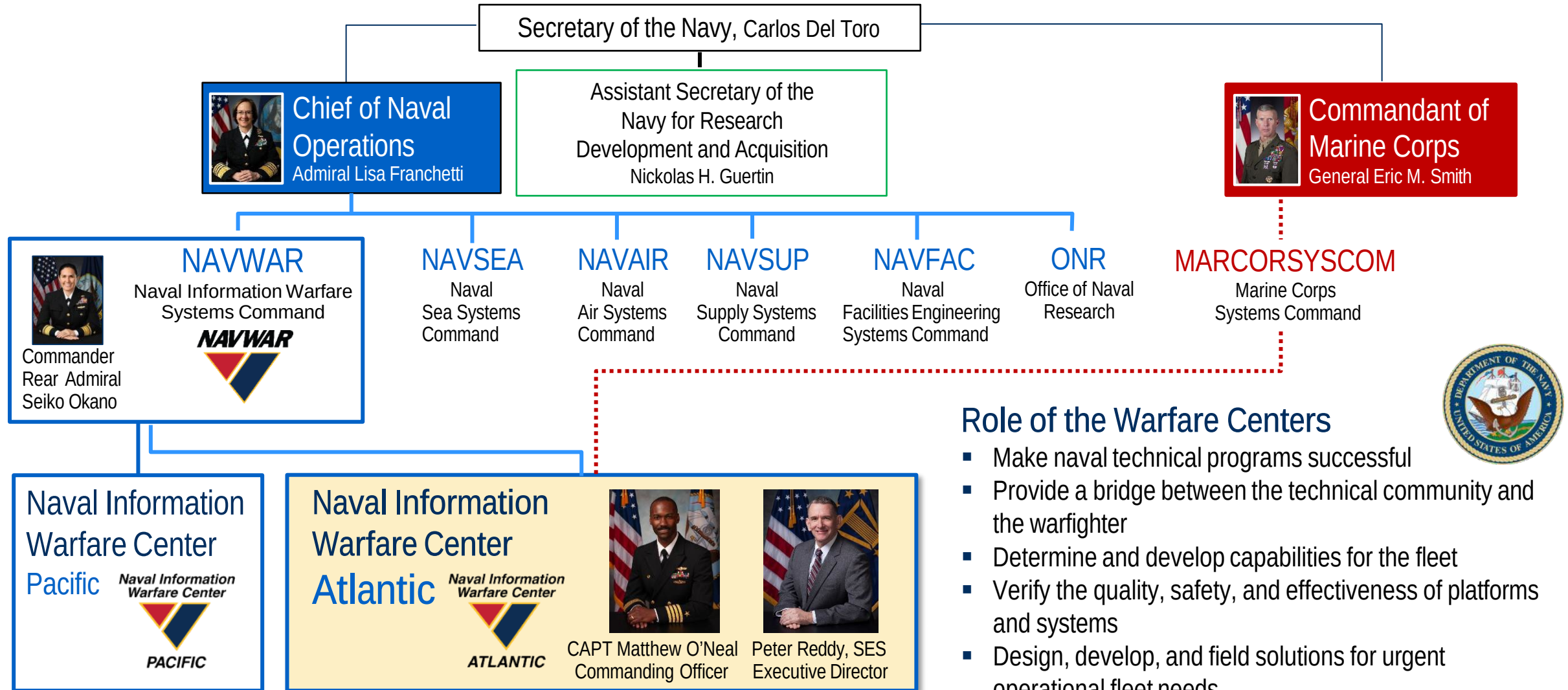
NIWC Atlantic Mission: Conduct research, development, prototyping, engineering, test and evaluation, installation, and sustainment of **integrated information warfare capabilities and services across all warfighting domains** with an emphasis on Expeditionary Tactical Capabilities & Enterprise IT and Business Systems in order to drive innovation and warfighter information advantage.

Mission: Conduct research, development, prototyping, engineering, test and evaluation, installation, and sustainment of integrated information warfare capabilities and services across all warfighting domains with an emphasis on Expeditionary Tactical Capabilities & Enterprise IT and Business Systems in order to drive innovation and warfighter information advantage.

LOE 1: Deliver Naval Information Advantage and Warfighter Readiness			WARFIGHTING	Be the technical leader in warfighter information advantage.
1. Meet stakeholder needs delivering products & services	2. Drive work toward warfighter priorities	3. Drive future and emerging capabilities		
LOE 2: Optimize Our Operations			FOUNDATIONS	Effective internal ops that drive value through increasing speed and agility.
1. Ensure competitive edge via managed costs	2. Quality acquisition at the speed of need	3. Process co-ownership and end-user focus		
LOE 3: Adapting Workforce and Culture			WARFIGHTERS	Engaged, skilled workforce with a warfighter focused ready culture.
1. Engaged workforce	2. Skilled and adaptable workforce	3. Warfighter focused		

We are a Navy Warfare Center

Principal research, development, test & evaluation assessment activities



Role of the Warfare Centers

- Make naval technical programs successful
- Provide a bridge between the technical community and the warfighter
- Determine and develop capabilities for the fleet
- Verify the quality, safety, and effectiveness of platforms and systems
- Design, develop, and field solutions for urgent operational fleet needs



Who We Are

Addressing the Warfighter's top technology challenges

We are where America's naval forces are. In the theater of operations... forward-based, forward-deployed and globally positioned with America's warfighters.



U.S.

- ★ Charleston, SC (CO)
- ★ Naval District Washington
 - Quantico (USMC focus)
- ★ Hampton Roads, VA (XO)
- ★ New Orleans, LA (OIC)
 - Tampa, FL (SOCOM focus)
 - Fayetteville, NC
 - Pax River, MD
 - Kings Bay, GA
 - Mayport, FL
 - Groton, CT

Overseas

- Stuttgart, Germany
- Naples, Italy (OIC)
- Manama, Bahrain (OIC)
- Rota, Spain
- Okinawa, Japan

4,993 Total Workforce

4,865 Civilian

128 Military

~9,000 Contractors

Total Facilities

113 bldgs., 2.4M SF



Navy Working Capital Fund (NWCF) Business

- No Congressional appropriations
- Provides the agility to wane or surge as required for ongoing and emergent needs



\$9.3B

U.S. Economic Impact

\$4.53B

Total Obligation Authority

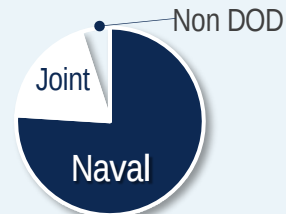
50% (265)

**Small Businesses,
89% Competition**

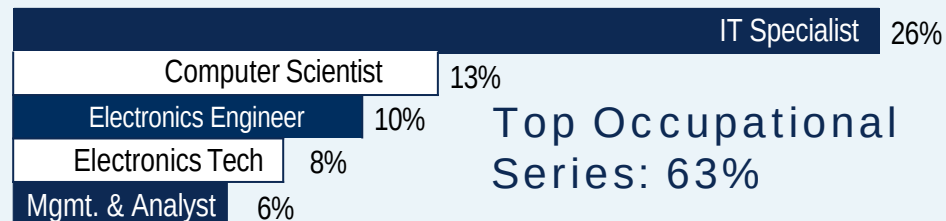
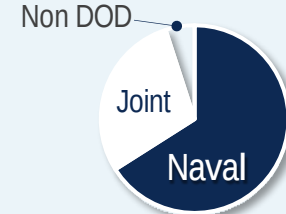


Major Sponsors: 69%
NAVMAR & PEOs
MARCORSYSCOM
Defense Health Agency
NAVSEA & PEOs
DARPA

Workforce FTEs



New Orders



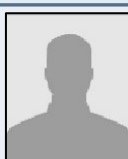
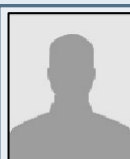
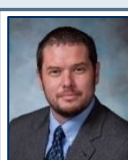
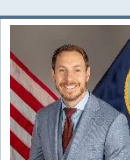
22 SSTMs*
1% PhDs
27% Masters
45% Bachelors
197 New Professionals
93 Interns



41% Prior Military
15% Disabled Veterans

Senior Civilian Leadership

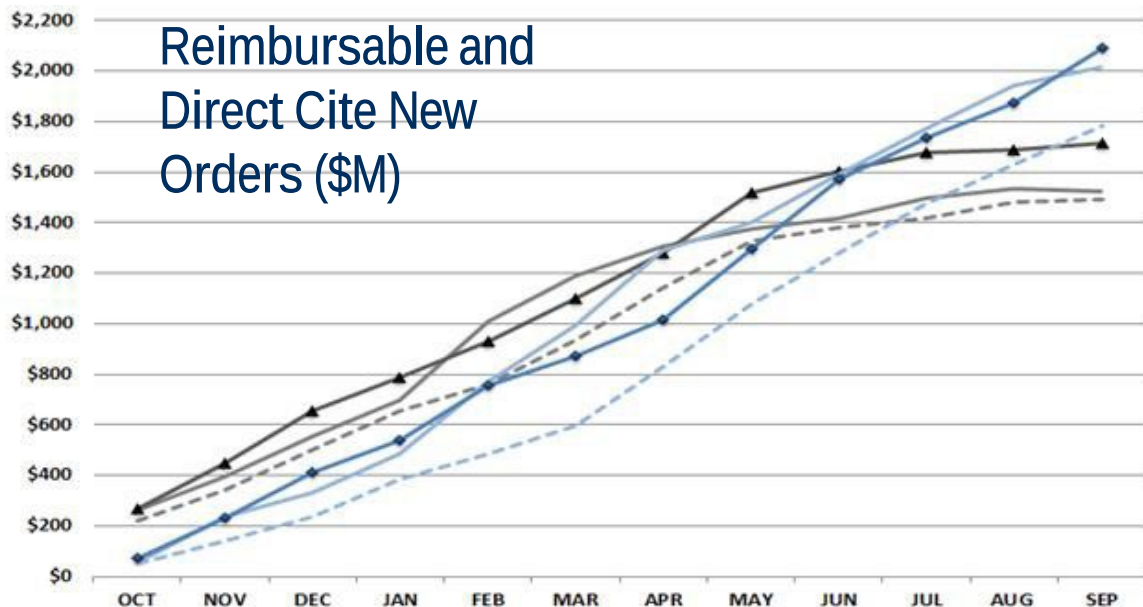
Advancing the Scientific/Technical Areas for our Naval IW Warfare Mission

 Executive Director (SES) Mr. P. Reddy, SES, SSTM	 Executive for Network Centric Development and Integration/TD Mr. A. Mansfield, SL	 Deputy Executive Director Mr. K. Charlow, SSTM	 Fleet C4I and Readiness Department Mr. G. Lancaster, SSTM	 Shore C2ISR and Integration Department Mr. B. Carter, SSTM	 Expeditionary Warfare Department Ms. A. Landreth, SSTM
 Enterprise Systems Department Mr. K. Allen, SSTM	 7.0 Science and Technology Department Dr. S. Huerth, SSTM, CTO	 4.0 Logistics & Life Cycle Engineering Ms. J. Shauger, SSTM	 5.0 Engineering Mr. E. Fry, SSTM, CHENG	 5.2 Systems of Systems Engineering Mr. D. Smoak, SSTM	 5.4 Software Engineering Ms. K. Murphy, SSTM
 5.5 Communications & Networks Engineering Ms. A. Rideout, SSTM	 5.6 Data Science & Analytics Mr. R. Keisler, SSTM	 DSE Electro-magnetic Spectrum Operations (EMSO) Mr. R. Taylor, SSTM	 Vacant 5.9 Cybersecurity & Mission Assurance Engineering (SSTM)	 Vacant DSE Software Modernization and Innovation (SSTM)	 Vacant DSE Quantum Information Warfare (SSTM)
 DSE for Assured Communications Mr. C. Hunt, SSTM	 DSE C4ISR Mission Engineering and Analytics Ms. A. Miller, SSTM	 DSE for Decision Intelligence Mr. A. Tyson, SSTM	 DSE Rapid Prototyping & Experimentation Mr. G. Hays, SSTM	 DSE Autonomous C4ISR Dr. L. Overbey, SSTM	 DSE Cyber Capability Development Mr. M. Bartgis, SSTM
 PEO DES Technical Director Mr. J. Fennelli, SSTM	 PEO MLB Technical Director Mr. B. Wheler, SSTM				

Senior Scientific Technical Manager (SSTM)
Distinguished Scientist/Engineer DSE

FY23 New Orders vs. FY24 Demand Signal

Reimbursable and Direct Cite New Orders (\$M)



- FY22 Reimbursable
- FY22 Direct Cite
- FY23 Reimbursable
- FY23 Direct Cite
- ▲ FY24 Reimbursable
- ◆ FY24 Direct Cite

OTHER DoD:

- **DHA:** Cyber Security, Security Eng, Infrastructure Eng, Readiness Eng., Risk Mgmt.
- **Army:** Force Protection Solutions, Software Defined Radio, Enterprise Comm Infrastructure
- **Air Force:** Air Traffic Control, Modern Vehicle Fielding, Integrated National Intel Systems
- **DARPA:** JANUS, RACER, Messina/Carcosa
- **SOCOM:** Integrated National INTEL Systems, Special Ops Communications
- **DIA:** Joint Force Mission Systems

OTHER FED:

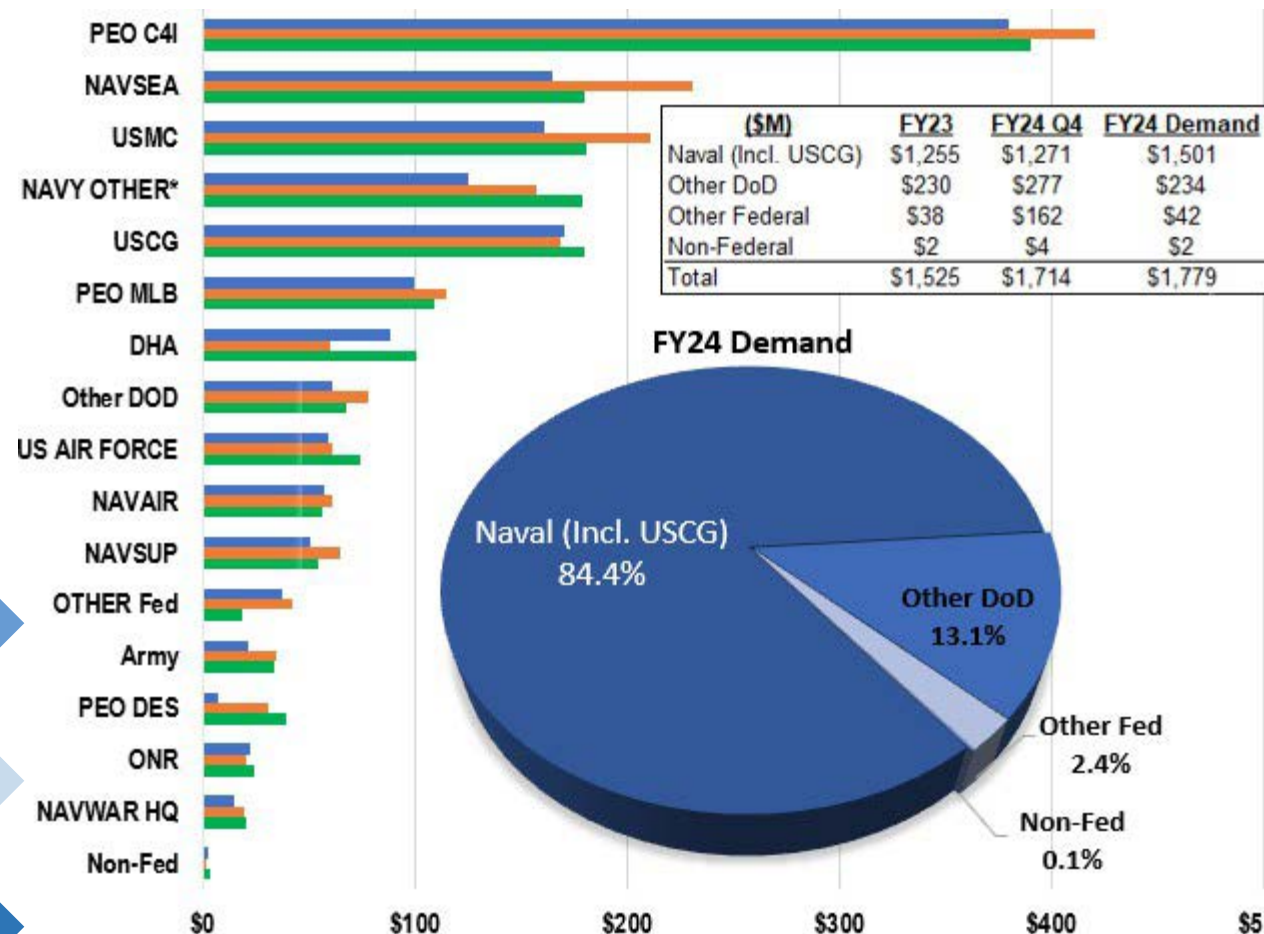
- **Secret Service:** Presidential Joint Systems
- **National Science Foundation:** Polar Programs

NON-FED:

- **Various Universities:** Cyber Security Services Provider
- **Communications Companies:** Unified Comms Certification

Reimbursable Funding by Customer (\$M)

FY23 Orders FY24 Demand FY24 Q4



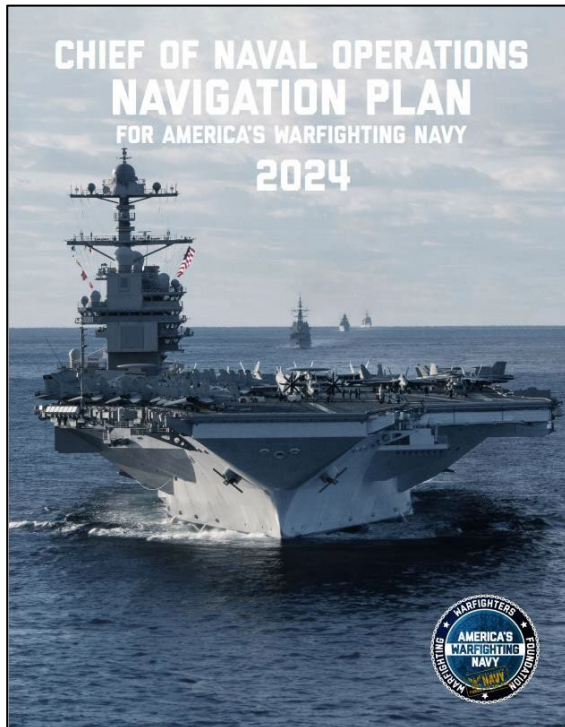
Success is not achievable without readiness

Resources

[CNO Navigation Plan 2024](#)
([navy.mil](#))



Admiral Lisa Franchetti
NAVPLAN focuses on readiness, capability, and capacity ... so the Navy can meet our missions in all phases of competition.



Two Strategic Ends

- Readiness for conflict with the PRC by 2027
 - Enhancing long-term advantage

Two Central Ways

- Implement Project 33
 - Expand the Navy's contribution to the Joint Warfighting ecosystem.



Project 33: How the Navy will make strategic gains in the fastest time with resources we influence by 2027.

5+4 Core Navy initiatives/targeted investments to balance capability at the right time, scale and cost.

5 Key Capabilities

- Long-Range Fires — how we shoot
- Counter-C5ISR — how we maneuver
- Terminal Defense — how we defend
- Contested Logistics — how we sustain
- Non-Traditional Sea Denial — how we scale

4 Key Enablers

- Live, Virtual, and Constructive — how we train
- Navy Operational Architecture — how we communicate
- Artificial Intelligence — how we outthink
- Robotic Autonomous Systems — how we innovate

Navy Implementation Framework (NIF)



Project 33: How the Navy will make strategic gains in the fastest time with resources we influence by 2027.



OUR NORTH STAR: Readiness for Sustained High-End Joint and Combined Combat by 2027

Seven Targets

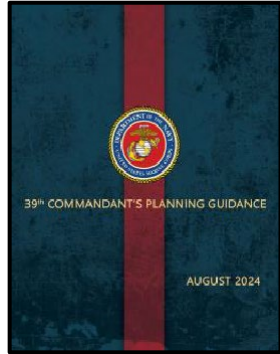
- **Ready the Fleet**
Achieve and sustain 80% combat surge ready ships, aircraft, and submarines.
- **Operationalize robotic autonomous systems**
Move proven systems into the hands of the warfighters.
- **Fight by Maritime Operations Centers**
Resource our MOCs as the weapons systems they are.
- **Recruit and retain talent**
Man deployers to 95% of billets authorized, reach 100% recruiting shipping fill.
- **Deliver quality of service**
Improve unaccompanied housing, eliminate required living on homeport ships.
- **Invest in high-end training**
Raise warfighter competency with Live, Virtual, Constructive scenarios.
- **Restore critical infrastructure**
Prioritize infrastructure directly supporting operational readiness in the Pacific



Commandant of Marine Corps

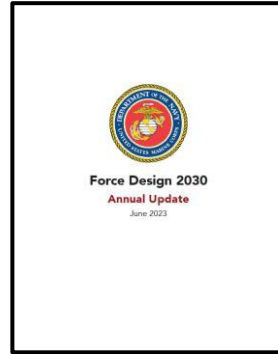


General Eric Smith
Planning Guidance focuses on specific challenges requiring near-term action for the most complex and dangerous threats.



Planning Guidance so we can fight and win today and set conditions to win in the future.

- Balancing Modernization with Current Operational requirements
- Naval Integration and Organic Mobility
- Critical Capabilities and Future Investments
 - Contested Logistics and Littoral Mobility
 - Enabling Joint & Coalition C2 & Kill Webs
 - Long-Range Precision Fires



39th Commandant's Planning strategic direction for the Marine Corps.

Force Design 2030 remains the aim point and focuses on specific challenges requiring near-term action.

Force Design the vehicle to remain lethal on any battlefield while optimized against the pacing challenge. We are in perhaps the most difficult phase – implementation and we can not slow down.

- Divest to Invest
- \$12B re-allocation
- M&S/Wargaming/Exp
- Stand In Force
- Naval Integration
- IOC 2023/FOC 2030

Accelerating via Rapid Prototyping and Experimentation

Developing, adopting, integrating, and testing capabilities for manned, unmanned, and autonomous missions in experiments, exercises, and toward operationalization.

■ Technical areas

- Data repositories and architectures
- Command and control
- Comms and networks
- Computer vision
- Mission autonomy
- RF/Cyber/EW
- Operational Experimentation
- System of Systems Interoperability



NAVCENT Task
Force 59 (TF-59)



Disruptive Capabilities Office
(DCO) / OPNAV N9B



Silent Swarm / Southern Lightning



Hybrid Fleet South



Mission Autonomy Proving Ground



MADIS



System of Systems Naval
Integration Experiment (SoSNIE)



PMS 420 C3



NAVEUR TF-66



NextGen Unmanned Operations Center



DARPA Autonomy

*Naval Information
Warfare Center*



ATLANTIC

Questions

Company Spotlight

A photograph of two stage spotlights on a dark blue background. The spotlights are positioned at the top, casting bright beams of light that converge towards the center. The company name is centered within this light area.

Scientific Research Corporation



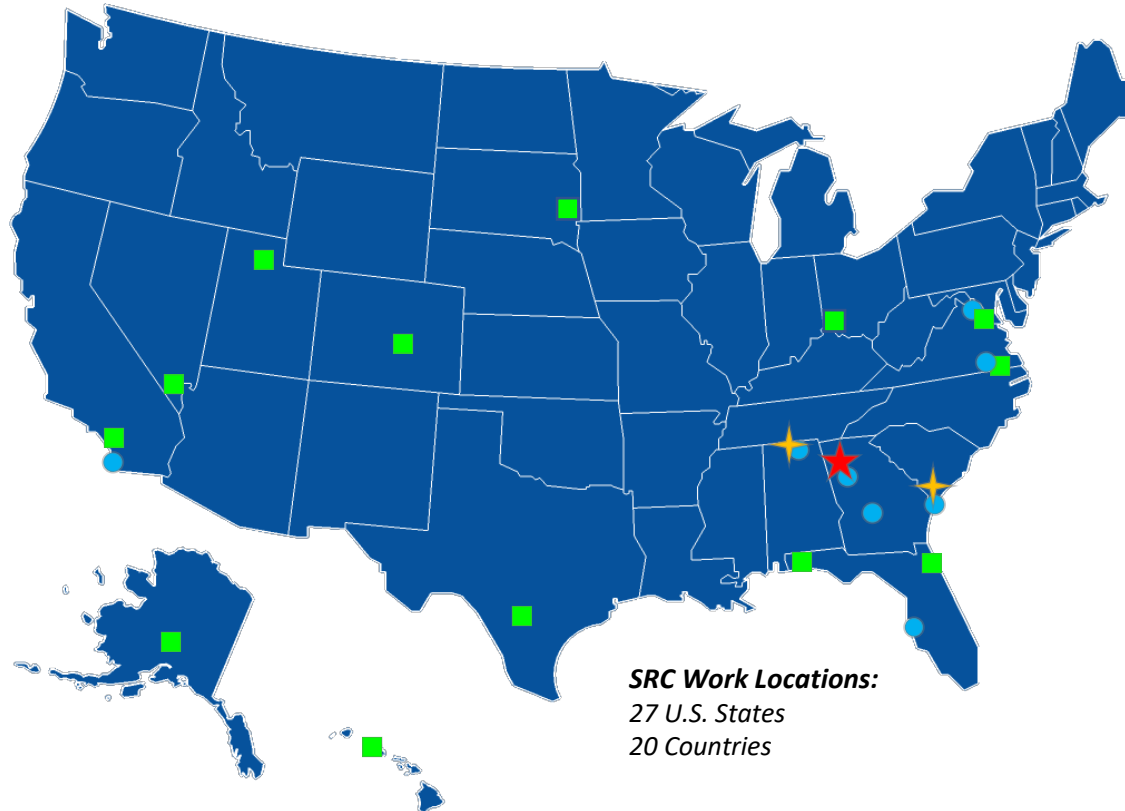


INNOVATIVE TECHNOLOGY SERVICES SINCE 1988

- End-to-end support for Air, Land, Sea, Space, and Cyberspace domains
- 1,800 Employees with 47% Veteran Workforce
- State-of-the-art Integration and Labs

Core Values:

*Quality, Innovation,
Customer Focus, Integrity,
Growth, Diversity,
Excellence, Teamwork*



SRC Work Locations:
27 U.S. States
20 Countries



CMMI DEV / 3



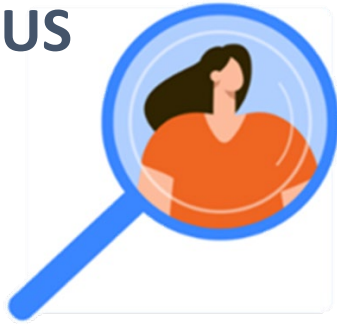
*"Technology Driven.
Customer Focused."*

*SRC has a diversified
contract base, a quick
reaction capability,
and the breadth of
experience to provide
end-to-end support
throughout each and
every program.*



CALL TO ACTION: Position Ourselves for the China Taiwan Conflict

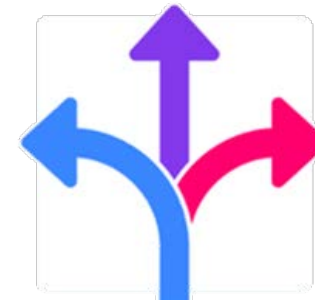
CUSTOMER-CENTRIC FOCUS



ADAPTABILITY



FLEXIBILITY



Build Customer Relationships	Be Honest about Technical Merit	Empower & Reward Flexibility
Focus on the Solution	Dedicate Local Leadership	Anticipate the Customer's Need
Be Prepared	Minimize Administrative Costs	Enable Rapid Contracting
Resolve Conflicts like a Partner	Apply Unbiased Teaming Strategy	Breakdown Stovepipes



Coffee & Networking Break

Next session begins
at 9:40 am





Naval Information Warfare Center Atlantic Fleet C4I and Readiness Department

69th Small Business Industry Outreach
Initiative (SBIOI) Symposium

24 October 2024

Mr. Greg Lancaster, SSTM
Fleet C4I and Readiness Department Head

Mr. Travis Tillman
Fleet C4I and Readiness
Deputy Department Head (100s)

Mr. Kevin Gerald
Fleet C4I and Readiness
Deputy Department Head (700s)



New FC4I Deputy Department Head (700s) — Kevin Gerald

- ▼ Native of Loris SC – married with two children
- ▼ Enlisted in US Navy out of high school, 9 years as Electronics Tech (communications systems)
 - USS Constellation (CV-64), Fleet Combat Training Center Pacific
- ▼ USC – Masters EE (still go to home games)
- ▼ Joined NIWC (SPAWAR) in 2003
 - New Ship Construction Project Engineer / Team Lead, NEWCON Shipbuilding CHENG
 - Enterprise Engineering and Certification
 - CHENG for Platform Installation and Integration Portfolio
 - Deputy Dept Head Business Financial Systems Portfolio, later Shore C2ISR Department Deputy
- ▼ Opportunity to rotate into Fleet C4I Deputy Position for PMW 700's and Fleet Installation Office in March 24

700s

FLEET C4I & READINESS DEPARTMENT
Department Head
Gregory Lancaster, SSTM

FY24: 1,488.5 Gov/Mil FTEs
180 Programs / Projects
FY24 TOA: \$1.667B

Deputy Department Head 100s
Travis Tillman

Deputy Department Head 700s, 01CA2
Kevin Gerald

Battle Space Awareness Division (PMW 120) John Thompson	IA & Navy Cyber Security Division (PMW 130) Jeff Sweeney	Navy Afloat Network & C2 Applications Div. (PMW 150/160) Chris Purdy	Navy Afloat Transport & Navigation Division (PMW 170) Robert James	Foreign Military Sales/Air Integration/USCG Division (PMW 740) Martina Jackson	Surface Ship Integration Division (PMW 750/760) Mark Held	Submarine Integration Division (PMW 770) James Landreth	Shore C4I Integration Division (PMW 790) Mark Luther
Afloat Signals Exploitation Patrick Kistner	Navy Cyber Scott Bell	Tactical Networks SW Support Sabrina Keys	Afloat Transport Systems, Britt Lowery	NAVAIR FMS Barbara Clothier	Surface New Construction George Oakley	Submarine CWITT & SWFTS Modernization Michael Smith	Naval Messaging Laura Prause
Distributed Common Ground System-Navy (DCGS-N) Guy Miller	Network Security Wesley Hilderbrand	CANES Engineering Chris Thornley	Software Defined Radio, Michael F Johnson	TacMobile Jim Hadley	Large Deck New Construction Joe Nitz	Afloat Submarine C4I Krista Carter	Tactical Shore Systems Sharetta Maynor
Integrated Undersea Surveillance System (IUSS) Michael Glover	Crypto and Key Management Michael Johnson, Jr	TACNET Deployment Michael Aselin	Position, Navigation, & Timing (PNT) Jared Judy	US Coast Guard John White	Interior Communications Randy Freeman	Shore Submarine C4I John Aller	Unified Cap. Voice Solutions Kevin Thorpe
	Multi Level Security Engineering (MLSE) Sonja McKelvey	Naval C2 John Meade	PNT ISEA Brandon Solis	C4I Foreign Military Sales Laura Sheridan		Submarine Software and Tools Development Tanashia Scott	Secure Voice Solutions Wayne Lathrop
			Radio Communications Tim Logan				
			DISA SATCOM Astles, Mallory D				

Department Program Manager– George Spellman
Deputy Department Program Manager– Ray Chappell

PMW 130/150/740/USCG Meagan Haga	PMW 750/ 760/ 770 Ray Bocook
PMW 120/ 160/ 790 Ray Bocook (Acting)	PMW 790 Ray Chappell
PMW 170/ 770/ FIR Div Stuart Shoup	

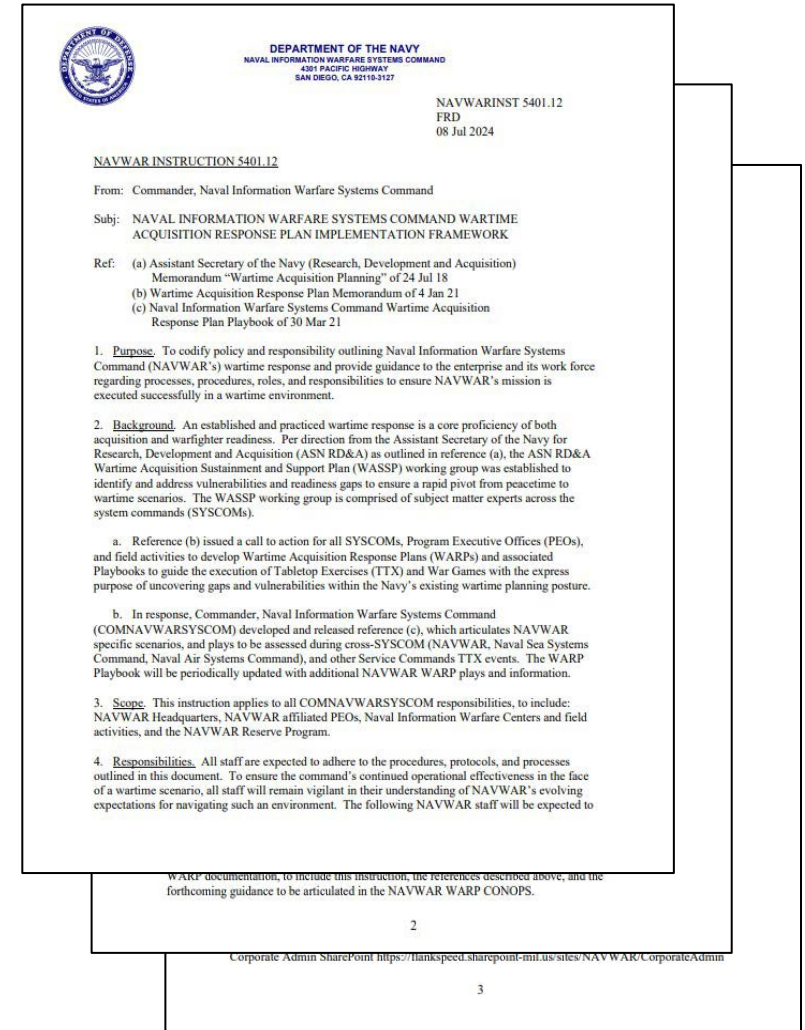
Fleet Installations and Response Division – Linda Reynolds
FIO Execution Manager – Dean L'Hoste

Fleet Support Office James Frankhouser	Submarine Mod. C4I Brian Toth
Surface Mod. Unit Level Ryan Jones	Shore Modernization Jeffrey Creson
Surface Mod. Force Level Greg Florence	

Blue = CHS
Red = Tidewater
Green = Other

Wartime Acquisition Response Plan (WARP)

- ▼ Implementation Framework - Signed 8 July 2024 by RADM Small
- ▼ Applicable to NAVWAR Competencies, Business Units, and PEOs.
 - (1) Delegate representatives to assist with the development of the NAVWAR WARP CONOPS within 60 days of the release of this instruction.
 - (2) Develop delegation instructions for wartime contingency operations, which will be effective immediately upon the NAVWAR Commander (00)/ED declaring a wartime environment, within 90 days of the release of this instruction.
 - (3) Socialize the WARP CONOPS to all supporting staff and ensure all staff read and understand their respective roles, within 30 days of COMNAVWAR signature of that document.



ISEA Response Table Top Exercise (TTX) Lessons Learned

- ▼ Escalating scenario to determine requirements and efficiencies for response to fleet equipment casualties
 - Used an escalating scenario format from normal steaming to kinetic engagement
 - Kept focus on event and process
 - We will still have means to continue to send personnel on travel
 - Need for an improved recall ability for response personnel
 - Need to establish a Fleet response cell for Command and Control (C2) of response and modernization efforts
 - Identified distinction between Command Contingency Operations and ISEA Fleet response efforts



Multiple Other TTX Lessons Learned

▼ Rapid Shipping/TRANSCOM for Material Movement

- How TRANSCOM will work
- Importance of Sea Transportation (air transport may not necessarily be the fastest)
- Ability to leverage point-to-point shipments (eg. Direct from contractor facility to point of TRANSCOM embarkation to include classified devices)



▼ Rapid Acquisition

- DO/DX Ratings
 - By themselves DO ratings don't do much. However, the rest of the DoD is including DO ratings in orders.



The SBIOL “So what” from WARP TTXs

Surge on Task Orders – Considerations

- ▼ Considerations to include for Task Orders that may support emergent needs:
 - Premium pay for contractors
 - Procurement of personal protective gear (body armor, helmets, linens, bedding, etc.)
 - Extended travel requirements.
 - Expect common modes of travel to be unavailable and travel time to significantly lengthen as a result of extraordinary world events.
 - Expedited passport fees
 - Medical/dental physicals
 - Deployment training (both virtual and In person)
 - Legal paperwork for the traveler
 - Premium life insurance
 - Provision for procurement of parts and services by subcontractor and third country nationals (rental services, rental equipment, etc.)
 - Personal communications devices (SATPHONE, STARLINK, etc.)
 - Extreme shipping materials costs

Department Priorities

Vision: To Deliver a Fleet Focused Information Warfare Advantage

▼ Speed to Capability

- Modular Capability Upgrades
- Continuous Capability Delivery
- Smart Risk-Taking
- Increase Fleet Operational Availability (A_o)

▼ Quality On-Target Delivery

- DevSecOps
- Cyber Resilient
- Constantly Innovating
- Designed for Installation and Sustainment

▼ Fleet Centered Design

- Focus on needs of Sailor/Fleet
- Sailor Self Sufficiency
- Interoperable





▼ What We Do

- Delivers engineering, integration and lifecycle support of C4I systems for naval aviation platforms, Foreign Military Sales and USCG afloat, ashore, and mobile platforms.

▼ Major Systems

- Tactical Mobile (TacMobile) – C4I Ground Support System for the Navy's Maritime Patrol and Reconnaissance Force (MPRF) Family of Systems (FoS)
 - Tactical Operations Center (TOC)
 - Mobile Tactical Operations Center (MTOC)
- C4I Foreign Military Sales (FMS) Systems
 - PMA/PMW 101, PMW 120, 150, 160, 170 Systems
 - Afloat and Ashore Integration
- United States Coast Guard (USCG) and Navy C5I Systems for USCG Acquisition and Sustainment Applications



FY24 TOA: \$381.4M

Primary Customers

- USCG CG-9, CG-6, & C5ISC
- PEO C4I PMW 740/750/760
- NAVAIR PMA 290
- NAVSEA & PEOs

Support includes end-to-end Systems Engineering and Lifecycle Support.

Upcoming Contract Development Efforts (1 of 4)

▼ USCG — Readiness, Integration, Technical and Engineering Services

- Provide sustainment and maintenance of the technical, functional, and operational capabilities for the lifecycle of Coast Guard Type, Coast Guard Owned (CTCO), Navy Type, Navy Owned (NTNO), and Navy Type, Coast Guard Owned (NTCGO) equipment and systems ranging from radio frequency satellite communications to information technology based technical areas. The execution of this tasking will require expertise in the areas of integrated logistics, program management, and engineering design, development, and sustainment. Support services include a full spectrum of integrated logistics, cybersecurity and information assurance, and sustainment and recapitalization for USCG equipment and systems.

- Acquisition Strategy
 - Seaport NxGen – SBSA
- Solicitation/PID#
 - N65236-24-RFPREQ-LSUBP00006-0001
- RFP Estimated: **Q3 FY25**
- Estimated ROM: **>=\$100M, <\$250M**
- Contract award planned for: **Q2 FY26**
- Classification: TS/SCI access
- Location of performance:
 - Contractor facilities
 - Government facilities in the following states/countries, including but not limited to:
 - Virginia, South Carolina, Florida, Maine, Hawaii, Alaska, Washington DC, Guam, California

Upcoming Contract Development Efforts (2 of 4)

▼ USCG — Information Technology and Network Based Engineering

- Provide C5I Information Technology and Network-based communications, maintenance, and sustainment support on USCG Afloat, Ashore and Mobile platforms and associated USN platforms. This support encompasses program management, engineering, and technical services, including technical design and documentation, test and evaluation support, material procurement, system and component integration and implementation, equipment repair, and training.

- Acquisition Strategy
 - Seaport NxGen –TBD
- Solicitation/PID#
 - N65236-24-RFPREQ-LSUBP00006-0003
- RFP Estimated: Q2 FY25
- Estimated ROM: >=\$100M, <\$250M
- Contract award planned for: Q4 FY25
- Classification: TS/SCI access
- Location of performance:
 - Contractor facilities
 - Government facilities in the following states/countries, including but not limited to:
 - Virginia, South Carolina, Florida, Maine, Hawaii, Alaska, Washington DC, Guam, California

Upcoming Contract Development Efforts (3 of 4)

▼ TACMOBILE — Engineering, Integration and Installation Support

- Provide full system lifecycle support of multilevel security information systems from sustainment of the existing fielded configuration to developing and fielding of future capabilities for the TacMobile sites (USN, RAAF and FMS customers) including the activities related to foreign disclosure and releasability of the TacMobile system. The TacMobile design is flexible and modularized in order to support a myriad of Maritime Patrol Reconnaissance Force (MPRF) missions and operating environments.

- Acquisition Strategy
 - Seaport NxGen –Unrestricted
- Solicitation/PID#
 - N65236-23-RFPREQ-LSUBP00006-0122
- RFP Estimated: Q2 FY25
- Estimated ROM: >=\$100M, <\$250M
- Contract award planned for: Q4 FY25/Q1 FY26
- Classification: TS/SCI access
- Location of performance:
 - Contractor facilities
 - Government facilities in the following states/countries:
 - South Carolina; Maryland; Florida; Washington; Hawaii; Japan; Italy; Bahrain, Australia, United Kingdom, Norway, New Zealand, Korea, Germany, Canada, Japan, Iceland, Denmark, Saudi Arabia, Indonesia.

Upcoming Contract Development Efforts (4 of 4)

▼ NAVAIR FMS

- Provide full system lifecycle support of information systems for the sustainment and upgrades of the existing fielded ground support configuration, to include installation, training, configuration management, and International Site Support for the FMS P-3 aircraft efforts.

- Acquisition Strategy
 - Seaport NxGen – TBD
- Solicitation/PID#
 - N65236-23-RFPREQ-LSUBP00006-0143
- RFP Estimated: Q4 FY25/Q1 FY26
- Estimated ROM: >=\$10M, <\$50M
- Contract award planned for: Q2/Q3 FY26
- Classification: Secret
- Location of performance:
 - Contractor facilities
 - Government facilities in the following states/countries:
 - Maryland; South Carolina; Taiwan, South Korea, Germany; Canada, Pakistan, Japan

Surface Ship Integration Division Overview

▼ What We Do

- Reduce risk and increase efficiencies for C4I implementation on new construction surface ships through system integration in a land based C4I System Integration Facility using digital engineering techniques, physical radio room mockups, and test procedures.
- Deliver Interior Communications capabilities to the Navy by providing acquisition, engineering, logistics, installation, and lifecycle support.

▼ Major Systems

- Shipboard Interior Communications
- C4I for Surface New Construction
- C4I for Large Deck New Construction
- Cooperative Engagement Capability (CEC)

Executes the advanced planning, engineering, integration and installation of C4I equipment on new-construction ships.



FY24 TOA: \$128M

Primary Customers

- PEO C4I PMW 750
- PEO C4I PMW 760
- NAVSEA 05H & PEOs
- IWS 6.0
- Military Sealift Command
- Various USN Commands

Surface Ship Integration Division Interior Communications (IC) IPT

Program Office: NAVSEA 05H

IPT Lead: Randy Freeman

Mission: Deliver superior Interior Communications (IC) capabilities for the entire Navy Fleet. Provide the acquisition, engineering, logistics, and execution of projects. PEO Ships, PEO Carriers, PEO USC, NAVSEA05H, CNSF, MSC, AIRLANT, NAVAIR.

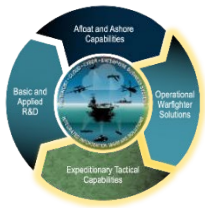
Projects

- Integrated Voice Network (IVN) - AN/STC-4
- Integrated Voice Communication System (IVCS)
- Announcing
- Shipboard Air Traffic Control Communications (SATCC)
- Hierarchical Yet Dynamically Reprogrammable Architecture (HYDRA)
- Shipwide Interior Wireless Communication System (SIWCS)
- Video systems (SITE TV)



Naval Benefits

The IC IPT delivers MAC 1 mission critical interior communications capabilities for the entire Navy Fleet. These systems provide the NAVY with communication systems that meet the ships and sailors operational mission requirements. Provides the acquisition, engineering, logistics, and execution of projects within IC COMMs IPT and overall Interior Communications Strategy.



Surface Ship Integration Division

C4ISR System Integration Facility (C-SIF)

Focus

- Delivering superior integrated and interoperable C4I capabilities to the Navy and Military Sealift Command
- 45,000 sq ft reconfigurable facility
 - Open secret, Network and Over the air connectivity
- Risk Mitigation during the integration period early in the ship construction cycle
- Engineering design, and production of RCS and SESS racks integrating crypto and tactical variant switching capability
- Reconfigurable Bulkheads and Wireways IAW GFI
- Validation of stage 3 and 4 test procedures
- Incorporates Interactive Test Procedures (ITP)
- Completion of C4I spaces during SCN/RCOH
- Integrated logistics support

Ongoing Engineering Integration Efforts

- OUSV, LUSV, MUSV, CVN (SCN / RCOH) LHA, LPD, T-EPF, T-ESB, T-AO 205, T-ATS, LCU 1700, FFG, LAW

Other Supported efforts

- Cooperative Engagement Capability (CEC), Coast Guard, Multi-Media,

Future Efforts

- Scheduled T-ARC, LSM, AS(X), NGLS, LUSV, MUSV

The NIWC Atlantic command C-SIF provides a controlled environment to integrate, test, and deliver interoperable C4I system of systems capabilities to the Navy Force-Level, Unit-Level, and MSC/Auxiliary surface ships during new construction.

The C-SIF enables land based validation of C4I systems design and systems interoperability - development and refinement of GFI provided to the Shipbuilder during detailed design and allows for capability change within Government controls prior to GFE delivery.

Overall Naval Benefit:

Significantly reduces costs by integrating platform C4I in the C-SIF vice onsite at a shipyard.
Reduced risk to the shipbuilders critical path via C-SIF Integration & Validation Processes

Integration and Test



C-SIF



Design/ Engineering



Surface Ship Integration Division

Surface New Construction IPT

Program Office: PEO C4I – PMW 760

IPT Lead: George Oakley

Mission: Surface NewCon IPT is focused on delivering superior integrated and interoperable C4I capabilities to U.S. Navy Unit Level Combatant, Sea Lift, Auxiliary, and Unmanned surface platforms.

Projects

- Future Ships
- USV (MUSV, OUSV, LUSV)
- LPD
- FFG
- DDG
- T-AO
- LCS
- EPF
- T-ATS
- LCU
- T-AGOS
- T-ARC
- AS(X)
- iRCS



Naval Benefits

The Ship Integration Program Office designs, integrates, tests and delivers interoperable, cyber-secure C4I end-to-end capabilities to our Naval Surface ships during New Construction and Modernization. PMW 760 employs system-of-systems engineering and configuration management processes to increase commonality in deployed C4I Baselines, reduce life-cycle costs and sustain the most effective capabilities for Fleet warfighters.

Surface Ship Integration Division

Large Deck New Construction (LDNC) IPT

Program Office: PEO C4I – 750

IPT Lead: Joe Nitz

Mission: Large Deck NewCon IPT is focused on delivering superior integrated and interoperable C4I capabilities to Navy aircraft carriers and amphibious ships; CEC RMF assessment and cyber engineering

Projects

- Ford Class CVN NewCon
- Nimitz Class CVN RCOH
- America Class LHA
- Cooperative Engagement Capability
 - RMF Support, Support on IWRP efforts



Naval Benefits

Delivering integrated, joint and coalition-interoperable C4I capabilities to Navy aircraft carriers, force-level amphibious ships, command ships, and aircraft.

Surface Ship Integration Division

Future Opportunities & Needs

- Technology
 - 5G integration into a shipboard environment
 - 5G interfaces on/off ship
 - Distributed Antenna Systems (DAS) for shipboard interior communications
- Digital Engineering
 - PTC Windchill PDML Systems Administrators, Users
 - Creo Parametric CAD users
- Training for Radio Communications Suites (RCS)
 - Overview for specific platforms
 - Operator manuals
 - Interactive courseware
 - Student instructor guides
- A major challenge in our industrial work force to support the C4I modernization and shipbuilding efforts. Retention and hiring in this area to maintain the Navy's goals and mission

Surface Ship Integration Division

Future Opportunities & Needs (cont)

- Shipboard Top Side advanced skill/experience, layout/placement, mounting, configuration, operation, maintenance in communication/data antennas for C4I systems.
- Skilled vendor in acquiring, rebuilding the electronic components of end of life C4I systems components.
- Assistance with our test equipment pool. Assess (LPD) PMS/MRC deck and identify all of the test equipment by SCAT code, then perform analysis where items overlap. Provide reporting that could be used to determine which legacy test equipment should be retired thereby reducing calibration costs and minor property burden.

PMW 770

Submarine Integration Division Overview

▼ What We Do

- Deliver C5I capabilities and support to the Navy's submarine and associated ashore comms infrastructure during new construction and modernization.

▼ Major Systems

- Common Submarine Radio Room (CSRR)
- Submarine Operational Authority (SUBOPAETH)
- Low Band Universal Communications System (LBUCS)
- Fleet Submarine Broadcast System (FSBS)
- Submarine Warfare Federated Tactical System (SWFTS)
 - Sonar, Combat Control, Imaging, Electronic Warfare, and Radar
- C5I System and Weapons Shipping, Handling, Launching Systems Integrated Test Team (CWITT)
 - Non Propulsion Electronic Systems (NPES)
 - Weapons, Shipping, Handling and Launchers



FY24 TOA: \$212M

Primary Customers

- PEO C4I PMW 770
- NAVSEA & PEO SUB
- Fleet Type Commanders

Support includes antenna to weapon system integration, engineering, fielding, test, logistics, sustainment and Fleet support.

Submarine Integration Division (PMW 770)

Future Opportunities & Needs

▼ Future Opportunities/Growth

- Nuclear Command, Control and Communications-Naval (NC3-N)
 - Information handling, storage and distribution
 - Defense Industrial Base adherence and compliance with future policy
- Platform integration of SWFTS and C4I
 - System Engineering and Integration (SE&I)
 - Schedule Integration during Modernization for NPES (C5I)
- Columbia Class and SSN-X
 - Test and Evaluation, Logistics, Configuration Management, Information Security, Cyber Security, MBSE, etc.
- Submarine Software and Tools Development
 - Application development for Submarine Test Programs (Interactive Test Program – IPT)
 - Application development for Submarine Modernization Efforts (SM3)
 - Software development for Submarine Shore Based NC3 Communications

▼ Where Industry can Help

- Match and deliver the Navy's demand for new technologies and equipment.
- Ensure the growth and health of technical knowledge and skills.
- Improve planning and communication. Keep lines of communication open, deliver on time.

Upcoming Contract Development Efforts

▼ Shore Sub C4I IPT, Shore Submarine Communications System (SSCS) Command, Control, Communications, Computers, & Intelligence (C4I) Technical Support

- This order is to provide systems engineering, technical, and management support services to the Program Manager, Warfare (PMW) 770 Program Office for Naval Information Warfare Center Atlantic (NIWC Atlantic). This support encompasses engineering analysis and technical support services required to support the Shore Submarine Communications Systems (SSCS) by providing component through system level engineering, technical and training support for modernization, sustainment and on-site technical support. (follow on to N65236-22-F-3001)

- Acquisition Strategy
 - Seaport NxGen – SBSA
- Solicitation/PID#
 - N65236-25-RFPRFQ-LSUBP00035-0001
- RFP Estimated: Q3/Q4 FY26
- Estimated ROM: >=\$50M, <\$100M
- Contract award planned for: Q2 FY27
- Classification: TS/SCI access
- Location of performance:
 - NIWC Atlantic Facilities
 - Government support facilities:
 - California, Virginia, Hawaii, South Carolina, Japan, Italy, Georgia, Washington

PMW 790

Shore C4I Integration Division Overview

▼ What We Do

- Designs, integrates, tests and delivers interoperable C4I infrastructure to support naval afloat, sub-surface, air platforms and shore network communications.

▼ Major Systems

- Shore Tactical Assured Command and Control (STACC)
- Naval Modular Automated Communications System II (NAVMACS II)
- Command and Control Office Information Exchange (C2OIX)
- Unified Capabilities Voice Solutions
- VINSON ANDVT Crypto Modernization (VACM)
- Automated Digital Network System (ADNS) Voice
- Defense Red Switch Network (DRSN)

▼ Primary Customers

- PEO C4I PMW 790
- NAVIFOR & other PEOs



The diagram illustrates a multi-layered network architecture. It includes components such as IP Services (NPR, SPR, SCL, CENTRIX, VSE apps hosted in FLTNOCS), NetOps (ITSM, SA & C2 to operate, Manage & defend the network), and Transport (Global terrestrial connections to NCTAMs, NCTEs & Gateways (TDM, ATM, IP)). To the right of the diagram is a photo of a modern office phone. Below these is a photo of a large command center with multiple operators at consoles with multiple monitors.

FY24 TOA: \$110M

Primary Customers

- PEO C4I PMW 790
- NAVIFOR & other PEOs

Support includes integration of voice, video and data across shore infrastructure supporting deployed warfighters.

Shore C4I Integration Division (PMW 790)

Future Opportunities & Needs

▼ Future Opportunities/Growth

- DevSecOps
- MBSE
- 5G Technology
- Automated Patching/IA compliance (push technology)
- Software Defined Networking and Software Networks
- Proactive Sustainment techniques

▼ Where Industry can Help

- Capabilities needed:
 - Cloud Architecture
 - Containerization
 - Agile Scrum
 - Endpoint Security Solution (ESS)

Upcoming Contract Development Efforts

▼ Tactical Shore Systems (TSS) Lifecycle Support

- Provide engineering, integration and sustainment support for Tactical Shore IP networks and all systems under the ShoreNet CB-ISEA. Activities include technical, engineering, cyber, logistics and modernization support.

- Acquisition Strategy:
 - Seaport NxGen - SBSA
- Solicitation/PID#:
 - N65236-23-RFPREQ-LSUBP00015-0002
- RFP Estimated: Q1 FY25
- Contract award planned for: Q2 FY25
- Estimated ROM: >=\$100M, <\$250M
- Classification: TS/SCI access
- Location of performance:
 - Contractor facilities
 - Government facilities in the following states/countries:
 - South Carolina, Virginia, San Diego, Hawaii

Fleet Installation and Readiness Division Overview

▼ What We Do

- Provide fleet modernization after new platform delivery through the FRD Installation Office (FIO) and direct fleet technical sustainment support through the Fleet Support Office (FSO) partnering with the Capability-Based ISEAs (CB-ISEA).

▼ Major Systems

- C4I Surface Modernization
- C4I Shore Modernization
- C4I Submarine Modernization
- Fleet Support Services

▼ Primary Customers

- NAVWAR FRD 100, 200
- PEO C4I PMWs
- NAVSEA PEOs
- Numbered Fleet Commanders, TYCOMs, and ISICs



FY24 TOA: \$330M

Primary Customers

- FRD 100
- FRD 200
- NAVSEA & PEOs
- NAVSUP

Support Fleet Modernization and Sustainment.

Fleet Installation and Readiness Division (FIRD)

Future Opportunities & Needs

▼ Future Opportunities/Growth

- DevSecOps
- Data analysis and digitalized reporting supporting modernization and sustainment execution
- Predictive AI
- Automated Scheduling
- Proactive Sustainment techniques

▼ Where Industry can Help

- Match and deliver the Navy's demand for new technologies and equipment
- Develop and retain a skilled workforce
- Deliver on time

Naval Information
Warfare Center



ATLANTIC

Mission:

Conduct research, development, prototyping, engineering, test and evaluation, installation, and sustainment of integrated information warfare capabilities and services across all warfighting domains with an emphasis on Expeditionary Tactical Capabilities & Enterprise IT and Business Systems in order to drive innovation and warfighter information advantage.

Vision:

WIN THE INFORMATION WAR.

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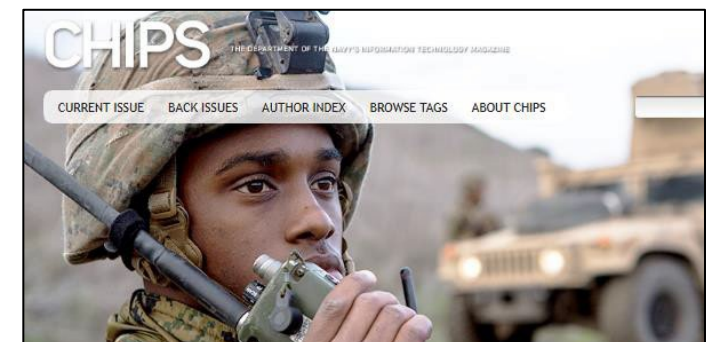
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[CHIPS Magazine \(navy.mil\)](https://chips.navy.mil)





Questions?

Lunch On Your Own



Afternoon session
begins at 12:30 pm

Naval Information
Warfare Center



ATLANTIC

Naval Information Warfare Center Atlantic Fleet C4I and Readiness Department

69th Strategic Business Industry Outreach
Initiative (SBIOI) Symposium

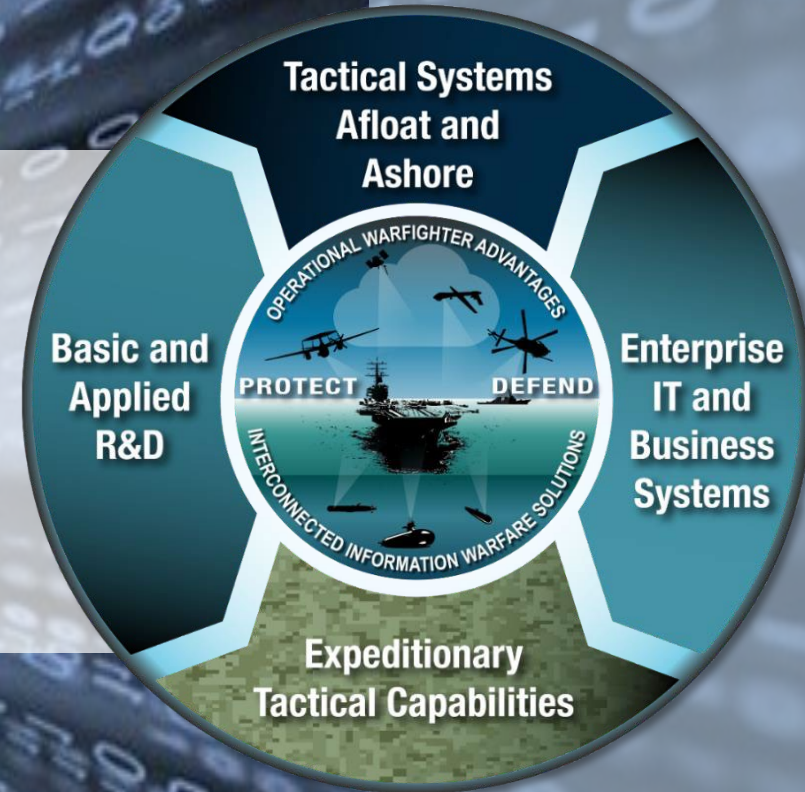
24 October 2024

Mr. Matt Blair

Fleet C4I and Readiness Department Chief Engineer

Mr. Lee Stubbs

Fleet C4I and Readiness Department Chief Scientist



Matt Blair

A Brief History

- ▼ BSEE (Purdue, 1996), MSEE (Georgia Tech, 1999)
 - Emphasis on communications and signal processing
- ▼ First job – JHU/APL
 - Developed and integrated software for “edge device” VLF/LF signal strength measurements and processing, and remote data pulls from the mother ship
- ▼ Spent a year in private industry developing test harnesses and reference designs for powerline networking PCI cards
- ▼ Joined NIWC (SPAWAR) in 2001 (first day – Monday after 9/11)
 - Contractor until conversion to civilian in 2012
 - Started out in network modeling and simulation for satellite and terrestrial comms (Navy)
 - Transitioned to supporting USMC sponsors 2006-7ish
- ▼ Selected as Expeditionary Warfare Department CHENG in 2017
- ▼ Rotated into Fleet C4I & Readiness Department CHENG position in 2023

Fleet C4I and Readiness Department

Vision: To Deliver a Fleet Focused Information Warfare Advantage

Mission: We engineer, test and evaluate, install, and sustain Command, Control, Communications, Computers, & Intelligence (C4I) systems that give our Fleet an information advantage over our adversaries.

Major Sponsors

PEO C4I

- PMW 120
- PMW 130
- PMW 150
- PMW 160
- PMW 170
- PMW 740
- PMW 750/760
- PMW 770
- PMW 790

FRD

NAVSEA
NAVAIR
USCG
Fleet Cyber
Numbered Fleets

Department Priorities

Vision: To Deliver a Fleet Focused Information Warfare Advantage

▼ Speed to Capability

- Modular Capability Upgrades
- Continuous Capability Delivery
- Smart Risk-Taking
- Increase Fleet Operational Availability (A_o)

▼ Quality On-Target Delivery

- DevSecOps
- Cyber Resilient
- Constantly Innovating
- Designed for Installation and Sustainment

▼ Fleet Centered Design

- Focus on needs of Sailor/Fleet
- Sailor Self Sufficiency
- Interoperable



Interest Areas

- ▼ Table stakes: Navy C4ISR (better, faster, cheaper, lighter, etc.)
 - + Naval integration
- ▼ Digital transformation at enterprise scale
- ▼ AI/ML applications
 - Warfighting
 - Product development and sustainment
- ▼ Software supply chain risk management

Engagement

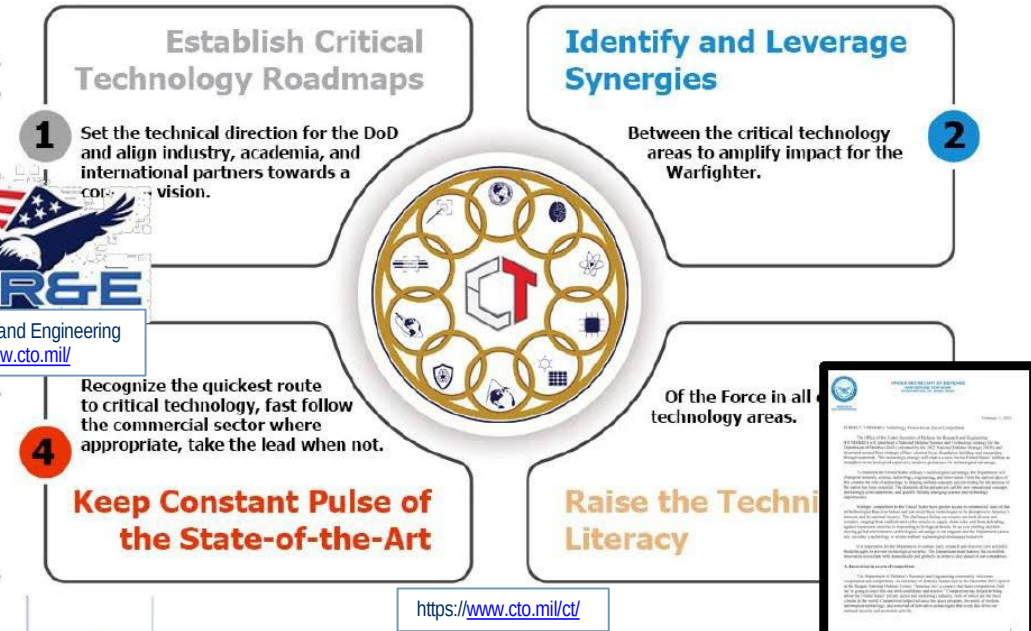
▼ Contact me/Matt Blair (843) 218-4000

Be specific! The more I know, the better the job I can do in matching you with relevant stakeholders (within the department as well as across NIWC Atlantic)

Lee Stubbs

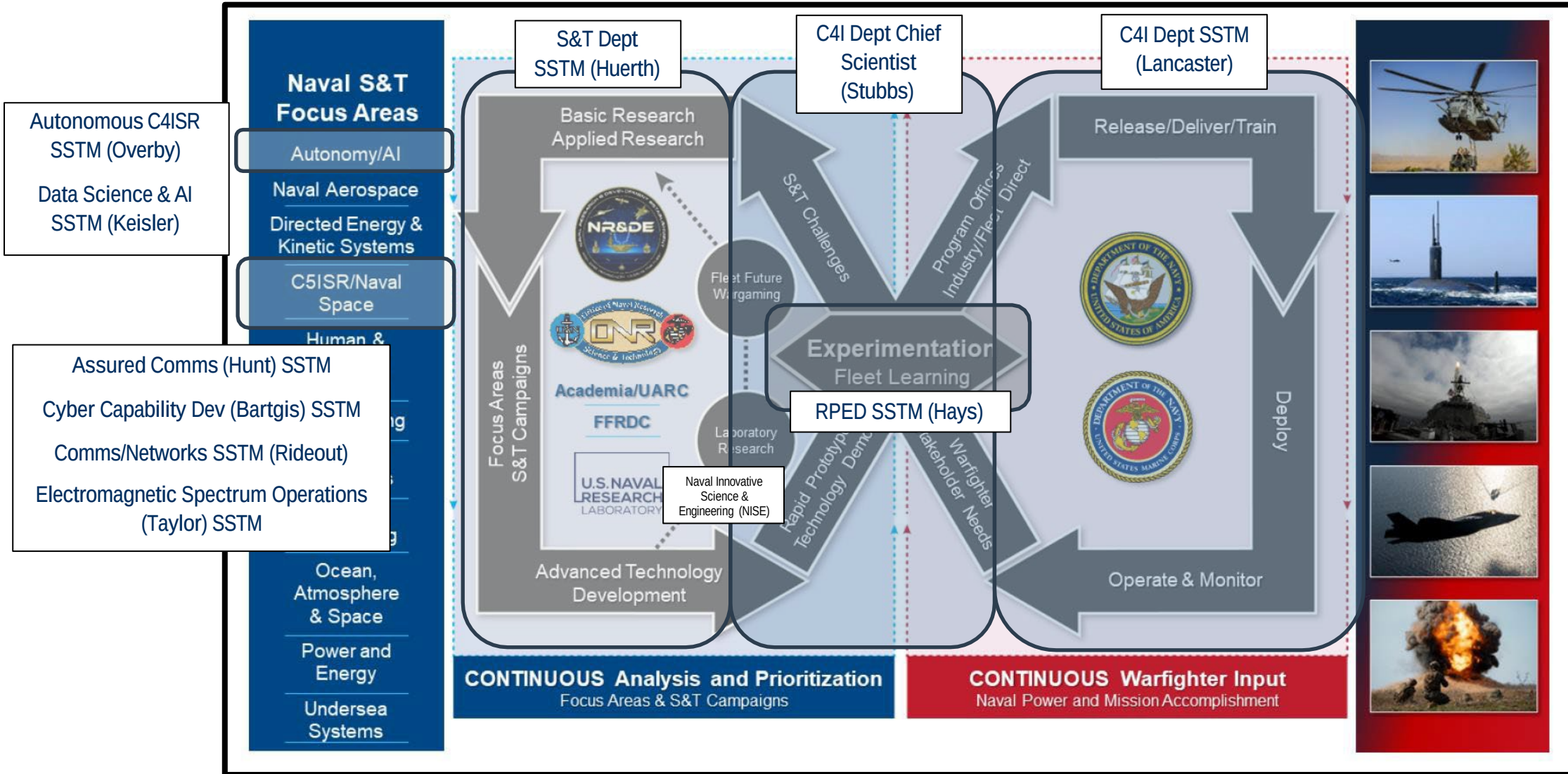
A Brief History

- ▼ BSCmpE (Georgia Tech, 2004), M.I.T. (Virginia Tech, 2007) MEng EE (Naval Postgraduate School, 2013)
- ▼ Joined NIWC (SPAWAR) in 2004
 - Started out working Global Broadcast Service (GBS) shipboard systems
 - Spent ~10 years developing Communications/EW systems (focus on FPGAs)
 - Contributing author for VITA 49.2 (Digital RF standard) / VITA 65 (OpenVPX)
 - Spent the last 8 years focused on S&T (EW/computer architecture) for Office of Naval Research (ONR)
- ▼ Selected as Software Defined Radio Solutions IPT Technical Lead in 2018
- ▼ Selected as Fleet C4I & Readiness Department Chief Scientist in March 2024



Note: Slide from PEO C4I S&T 2024 gaps brief

Fleet C4I and Readiness Dept - S&T Feedback Cycle



| Modernize (Offset Technical Debt) |

the process of updating technology, practices & systems to keep up with emerging technologies

- Coalition Maritime Command and Control (C2) Interoperability
- Common Data Link (CDL) and Tactical Data Link (TDL) Positioning, Navigation, and Timing (PNT)
- Communications with Non-Geostationary Orbit Satellites
- Decision Support in contested or congested environments
- General Purpose Antennas
- Integrated Communications and Sensing
- Improvements for Submarine Inboard Systems
- Improvements for Sub-Surface Platform Antenna and Associated Components
- Legacy PNT Systems Hardware Obsolescent
- Legacy Tactical Systems Supportability of Modernized Tactical Radio Functionality
- Power Amplifier Modernization
- Remote Software, Waveforms, and Crypto
- Spectral Agility
- Waveforms
- Waveform Resiliency

Capability Needs and Technology Gaps



| State-of-the-Art (Maintain Superiority) |

the best available using the most modern techniques and technology

- ◀ Alternative and Assured Positioning, Navigation, and Timing (PNT) Capabilities
- ◀ Artificial Intelligence/Machine Learning data tools
- ◀ Artificial Intelligence/Machine Learning Enabled Network Tools
- ◀ Command and Control (C2) for Long Range Fires
- ◀ C2 for Uncrewed Platforms
- ◀ C2 of Integrated Air and Missile Defense (IAMD)
- ◀ Decision Advantage via Machine Intelligence and Advance Visualization
- ◀ Detection and protection from Cyber-attacks on Artificial Intelligence
- ◀ Enhanced Situational Awareness for Maritime Operations and Planning
- ◀ High Reliability Data Transfer over Intermittent Terrestrial Links
- ◀ Joint Integrated Fires Command and Control
- ◀ Operational Logistics Planning in support of Distributed Maritime Operations
- ◀ Reliable Optical Communications
- ◀ Reliable Transfer of Data and Energy in the Undersea Domain

Note: Slide from PEO C4I S&T 2024 gaps brief



S&T Opportunities

- ▼ Cooperative Research and Development Agreements (CRADAs)
 - Full and Limited Partnership CRADAs available
- ▼ Small Business Innovation Research (SBIR)
 - <https://www.sbir.gov/>
- ▼ Office of Naval Research
 - <https://www.onr.navy.mil/work-with-us/funding-opportunities>
- ▼ NavalX
 - Palmetto Tech Bridge - <https://www.secnav.navy.mil/agility/Pages/tech-bridges/palmetto/default.aspx>
 - Mid-Atlantic Tech Bridge - <https://www.secnav.navy.mil/agility/Pages/tech-bridges/mid-atlantic/default.aspx>
 - NavalX - <https://www.secnav.navy.mil/agility/Pages/default.aspx>
- ▼ Advanced Naval Technology Exercise (ANTX)
 - <https://www.niwcatlantic.navy.mil/Technology/ANTX/>

Naval Information
Warfare Center



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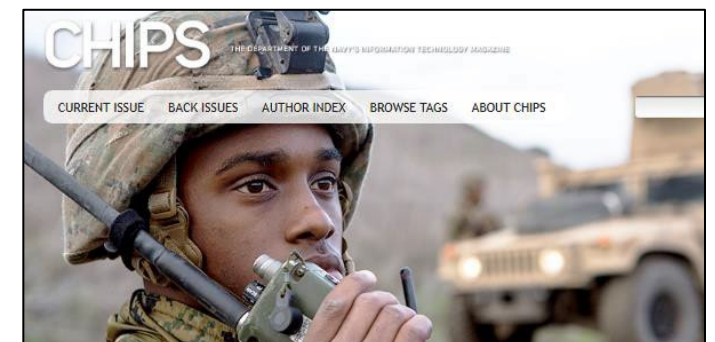
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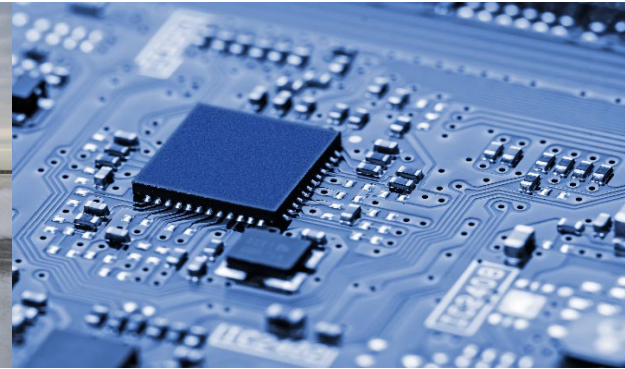


[CHIPS Magazine \(navy.mil\)](https://chips.navy.mil)



Company Spotlight





CAPABILITIES BRIEF

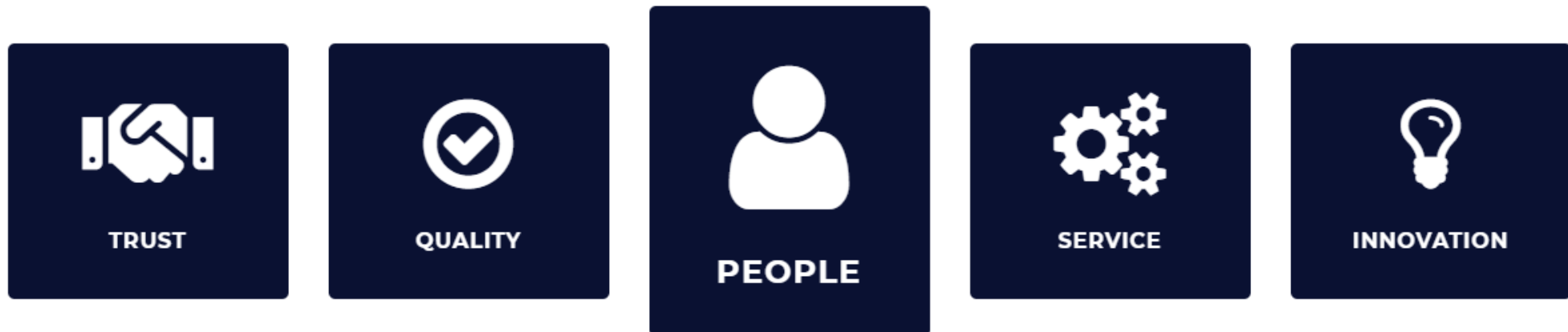


Our Story

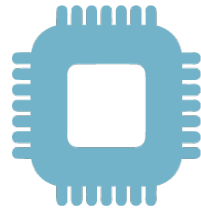
- Founded in 1983 to develop custom software applications for such notables as Rolex and Mercedes
- By 1996, evolved into a systems engineering and technical services firm supporting critical Government programs
- Grew large and diversified while continuing to support original customers and their missions
- Headquartered in Fairfax, VA, with worldwide performance and satellite locations
- Large Operations Center located in Norfolk, VA

WR Vision, Mission, and Values

- **Vision:** To be trusted and sought after for providing the highest quality solutions at the forefront of technology in support of our customers' missions.
- **Mission:** We do the right things the right way, as a unified team in collaboration with our customers and industry partners.



WR Capabilities



ENGINEERING



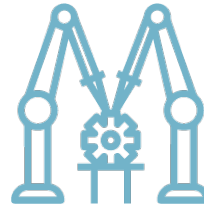
ILS/IPS



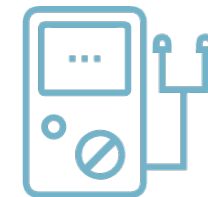
MATERIAL
MANAGEMENT



PROGRAM
MANAGEMENT



TARGETED
MANUFACTURING



TECHNICAL
SERVICES

Expertise

- Comprehensive Engineering and Technical Services
- Inertial Navigation Systems (INS), Gyrocompasses, Speed Sensors, Depth Sensors, Dead Reckoning Systems
- Electronic Chart Display and Information Systems (ECDIS), including S-100 data standards for navigation software
- Global Positioning Systems (GPS)
- Voyage Management Systems (VMS)
- Navigation Data Distribution Systems (DDS)
- Unmanned
- Electronic Alteration Installation Team (AIT)
- Selective C4ISR Manufacturing
- Integrated Product Support (IPS) including Miniature/Microminiature (2M) repair
- Voyage Data Recorder (VDR)
- Geographic Information Systems (GIS)
- OTH Radar; Domain Awareness
- Tech/Doc
- ILS/IPS
- QMS

An aerial photograph showing a large US Navy aircraft carrier and a USCG cutter sailing on the ocean. The carrier is in the foreground, moving towards the right, with its flight deck and various aircraft visible. The cutter is positioned to the left of the carrier, also moving in the same direction. The ocean is a deep blue, and the sky is clear.

Distinct PNT Expertise

- Technical support to all in-service US Navy ships and USCG cutters, and numerous Military Sealift Command (MSC) ship classes
- Technical services for Navigation System Certification (NAVCERT) for all Navy navigation systems
- Early AN/WSN-12 EDM, PPU and prototyping technical services with future programs in mind (such as GPNTS)
- Design and technical services in support of Integrated Navigation Suite interoperability

NAVIGATION IS OUR PASSION™

WR Solutions

SOLUTIONS

- Positioning, Navigation, and Timing (PNT)
- Domain Awareness and Surveillance
- ISEA Support
- Unmanned Systems
- Advanced Lifecycle Electronics Repair and Testing (ALERT)
- GeoNavigation Technologies (GNT)
- Over the Horizon Tactical Tracking System (OTHTTS)

EXCELLENCE THROUGH INNOVATION

MAJOR CUSTOMERS

- Naval Sea Systems Command (NAVSEA)
- Naval Surface Warfare Centers (NSWCs) and Naval Undersea Warfare Centers (NUWCs)
- Naval Supply Systems Command (NAVSUP)/Defense Logistics Agency (DLA)
- Relocatable Over-the-Horizon Radar (ROTHR) for Joint Interagency Task Force South (JIATF)
- Naval Warfare Systems Command (NAVWAR)
Navigation/Naval Information Warfare Centers (NIWCs)
- National Geospatial-Intelligence Agency (NGA)

Additional Company Innovation Efforts

- WSN-XX scalable, small SWAP-C INS
 - Suitable for MUSV, LUSV, LAW/LSM, Army MSV(L & H), etc.
 - White paper for PMS 406 (cost comparison vs WSN-7/12)
 - Stiletto demo/test TBD
- Cassiopeia Space Systems “Rigel” Luneberg Lens to derive PNT from LEO satellites
 - Resilient/assured PNT
 - Additional passive detection capability
- Anello Photonics; SiPhOG & GNSS INS
 - Very small SWAP-C; USV, UUV, UAV
- NexGen system development



Contact Us

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SEA 05H INTEGRATED WARFARE SYSTEMS ENGINEERING

Naval Sea Systems Command Interior Communications Unclassified Video

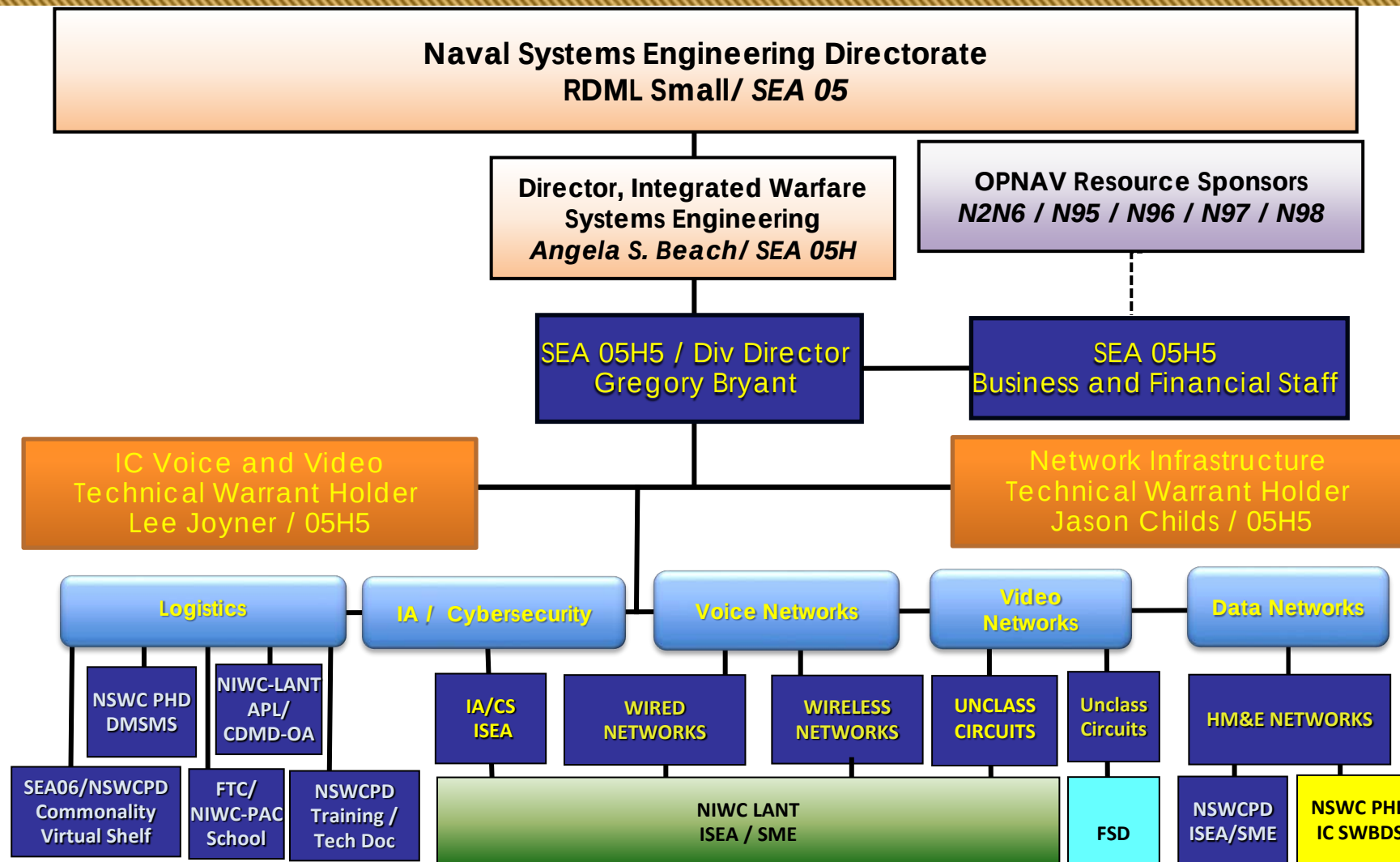
October 2024

Briefer: Tammi Jackson-Griffin
Unclassified Video Program Manager
SEA 05H5
tammi.l.Jackson-griffin.civ@us.navy.mil
(202) 781-1252

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Interior Communications (IC) Network Organization



NAVSEA Mission

- We design, build, deliver, and maintain ships, submarines and systems reliably, on-time and on-cost for the United States Navy

NAVSEA IC Video Mission

- NAVSEA 05H5 shipboard broadcast and production systems, along with content from our partnerships with the American Forces Radio and Television Service (AFRTS) and the Navy Motion Picture Service (NMPS) commands, brings the sailor the latest uncensored news, movie content, information, and entertainment from home and around the world
- AFRTS/NMPS content, via SITE is the ONLY ship-wide video conduit for Navy / DoD content providers due to copyright restriction -- ONLY form of TV/Movie entertainment AUTHORIZED a to be shown ship wide – can operate 24/7
 - Quality of life issue as Navy deployments are becoming longer in length
- The broadcast systems meet all legal copyright authorizations.
- Television Direct-to-Sailor (TV-DTS) Antenna provides the receive only satellite input from AFRTS and distributes the signal to the ship broadcast system head-end for ship-wide distribution
- The 05H5 unclassified IP video surveillance system provides the ship's chain of command with situational awareness of interior and exterior spaces in various monitoring and camera configurations utilizing PTZ cameras and watch stander stations

Description/Platforms

- Ship's "cable TV system" providing TV and movie content to the crew. It includes commercial-off-the-shelf (COTS) video production, playback and distribution equipment such as encrypted/unencrypted DVD players, satellite receivers, video cameras, and modulators.
- The AFRTS satellite signal is received via the TV-DTS antenna topside, to the below-deck head-end systems. These systems enable crew to view AFRTS programming via satellite, as well as over 700 Navy Motion Picture Service (NMPS) early release movies, and ship force generated command information.
- Shipboard Information, Television and Entertainment (SITE) systems are RF based legacy systems deployed across the fleet
- Next generation systems utilize current IP cable industry standards/technology and will process all current content requirements
 - New IP systems installs for new construction ships began 2020 (CVN (RCOH), LHA 8AF, FFG(X), LPD 28AF, DDG 120AF, OPC, TAO

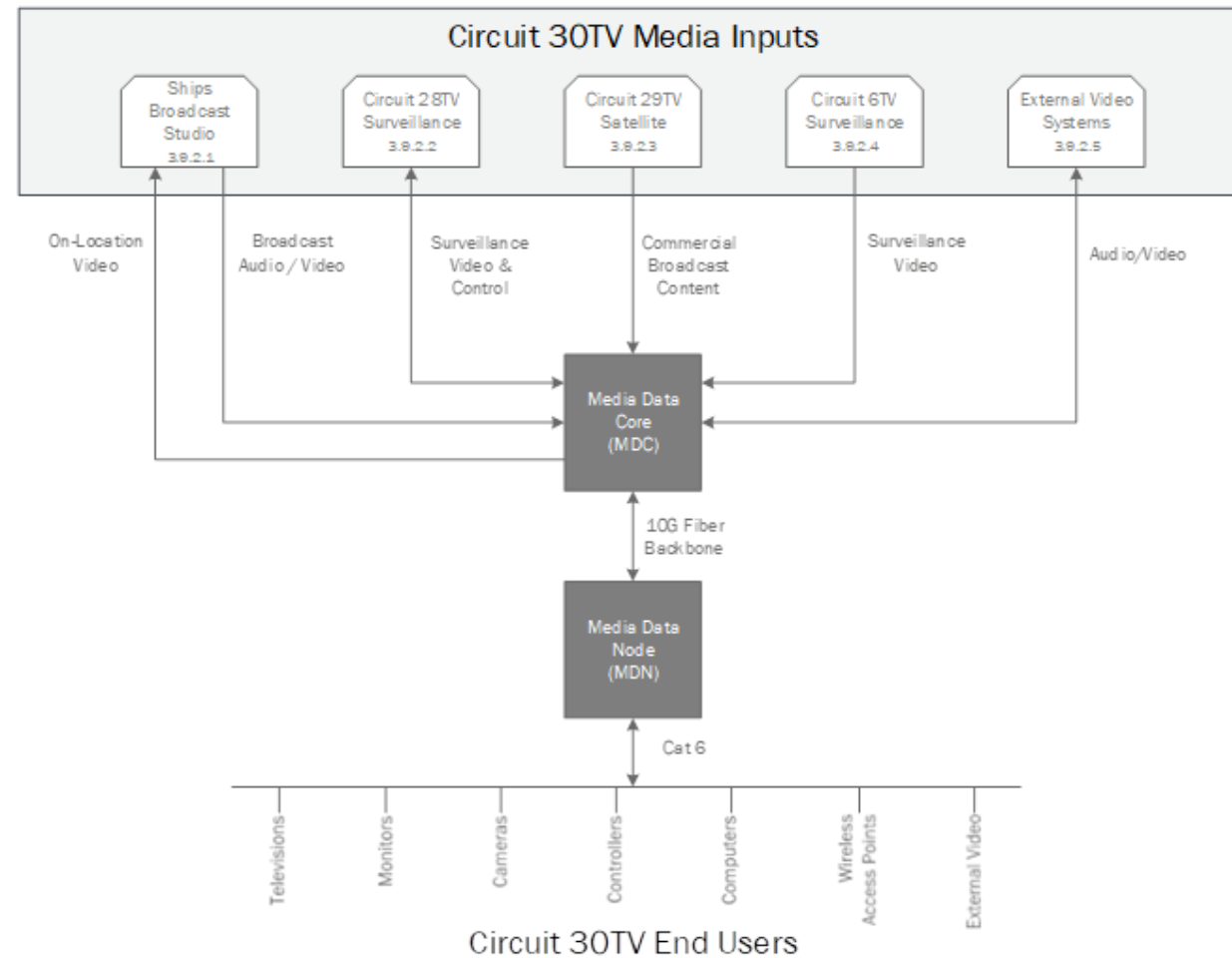
IP Based Video Systems



Unclassified Surveillance System (USS)	Satellite Television System (STS)	Digital Media Transport System (DMTS)	Shipboard Broadcast & Production System (SBS)	Television Direct To Sailor (TV-DTS) Antenna
- Provides security monitoring of select areas throughout the ship - Provides real-time situational awareness and recorded video content, retrievable at any designated Watch Stander station - Fully functional monitoring, control, recording and playback IP-based video camera system - Capable of monitoring an unlimited number of camera sources/unlimited number of monitoring stations. - System makes use of fixed and pan-tilt-zoom (PTZ) cameras	- Receives AFRTS (MIL) and commercial satellite television in high definition (HD) or standard definition (SD) - Provides more content and is more reliable than pier side cable (up to 96 channels) - Capability to provide premium channel services (HBO, NFL Sunday Ticket, etc.)	- Main transport and distribution network for all unclassified media generated by UVS, STS and SBS systems. - Distributes broadcast television, studio generated video, video-on-demand, surveillance video, satellite television and digital signage to all connected users. - Comprised of a 10GB backbone via Media Data Cores which distribute video to Media Data Nodes installed throughout the ship.	- Responsible for managing all media content generated externally or created internally to the ship - Content can include, but is not limited to, military satellite programming, over the air and pier side cable broadcast television, command and control information, locally produced video content and NMPS. - Broadcast Rack - Production Console - Studio Equipment - Provides HD digital output to DMTS - Signage capabilities - Video-on-Demand ready	- Television Direct-to-Sailor (TV-DTS) antenna is a television receive only (TVRO) antenna system that receives the AFRTS and commercial digital broadcast satellite (DBS) services such as DirecTV. - Accomplished utilizing C and Ku-band antenna feeds that are distributed to SBS via fiber optic and other below deck equipment. - TV-DTS system maintains track on satellite TV signals throughout a ship's course anywhere in the world those satellite footprints are available from 70°N to 70°S latitudes.

On Carriers all 4 systems are networked as a closed looped system. Other ship platforms use various components based on size

Network Distribution (Closed Loop)





Shipboard Broadcast & Production
System
(SBS)



Unclassified Surveillance
System
(USS)



Satellite Television
System
(STS)



Television Direct
To Sailor (TV-
DTS) Antenna

NAVSEA HQ Program Management Lead Engineer

Requirements
Budget
System Acquisition
Engineering/Design
Configuration Management
Logistics Management
Curriculum Management
New Construction/Modernization
Planning
ECP/ECR/SCD Development
Test/Technical Documentation
RMF/ATO Certification

NIWC, Atlantic

Oversee RCOH AIT Efforts
Procurement
Logistics
Curriculum Development
TV-DTS Subject Matter Expert
OSIC Support (Carriers)
Navy Qualified Validator

Fleet Support Detachments

AIT Manager
Ship System Integration for New
Construction & Modernization
Maintenance / Repairs
Local Direct Exchanges
Technical Troubleshooting
Refresher OJT Training

What We Do

NAVSEA, Washington Navy Yard



- Program Management
 - Program management of unclassified video systems
- Technical Reviews
 - Video system Ship Requirement Documents, CDRL, ship specifications reviews
 - Technical exchange meetings on system requirements, functionality and compatibility
- Configuration/Design Development of distribution, surveillance and broadcast and cable systems using RF/QAM and IP based technologies, to include satellite encoding/decoding.
 - Develops designs to convert RF distribution systems to digital QAM and IP-based multi-cast, identifying suitable encoding/decoding solutions
 - End Of Life (EOL) research for legacy SITE systems
 - SME support to system ship installation
- Testing and Technical Documentation Development
 - Input and design ICDs, block/cable diagrams, harness drawings, elevation drawings, elementary wiring diagrams, system build diagrams
 - Develops validation testing and develops test programs (Functional Test and SOVTs), Technical Manuals
 - ECR, ECP and Field Change input. SCD development/technical input
- IA/RMF Process (All IC Video systems follow the RMF process to identify, eliminate and minimize risks for compliance with NAVSEA's policies)
 - Network Design Drawing/Topology Drawing
 - Develop Hardware/Software lists, system CONOPs
 - Develop and document port protocols and services
 - Configure IA computers for ACAS scans; conduct IA Scans / upload to reportable format; perform patches as required
- Warehouse
 - Receive, track and ship equipment
 - Respond to Direct Exchange requests and assign as applicable

What We Do Fleet Support Detachments



- Subject Matter Expert Installation for RCOH and SCN and system upgrade installations
 - Integrate equipment/racks and trunk/drop cables (Legacy and IP)
- Perform System Operational and Verification Tests
- Implement system field changes for legacy systems
- Build / configure legacy systems (MSC)
- Update legacy system Technical documentation as required for EOL updates
- Technical Assists, Support Regional Maintenance Centers (RMCs) when required/tasked
 - Maintenance, trouble-shooting and technical assistance
 - System assessments
- OJT Training
 - Pre-deployment, refresher

- In-Service Engineering Agent (ISEA)
- Oversee AIT efforts – RCOH and TYCOM funded
- Procurements
 - Unclassified Video System procurements via IDIQ contract
- Logistics/Integrated Logistics Support (ILS)
 - Allowable Parts List (APL) generation/updates
 - ILS checklist generation and
 - Diminishing Manufacturing Sources & Material Shortages
 - Technical manual submission
- TV DTS antenna Subject Matter Expert
- On-Site Installation Coordinator (OSIC) Support – East and West

Small Business Proponent



- NAVSEA currently uses several 8a Small Businesses through NIWC LANT contracts (Akima and Chugach)
 - TYCOM funded efforts for ship integration, readiness assessments
 - Logistics product development (APLs and ILS checklists)
 - Interim Course Development for IP based systems
- Collaborate with small business when researching system components
 - Utilize products like the Omnihub, used for multi-channel encoding, signal reception, digital turn around, and simultaneous IPTV + QAM distribution, that are developed by a small business headquartered in the Mid-West that has moved manufacturing of their products back to the USA (Sencore)
- Advantages to NASVEA:
 - They specialize in industry leading tech in a niche area that a large business might not to dedicate resources to
 - Small business are usually quicker to respond to requests/information
 - Maintain lower overhead costs
 - Maintain a small specialized stable work force
 - Tend to see better customer service from the small business

Future Requirements



- TV DTS Antenna
 - Current Model of the TV DTS antenna has a single OEM
 - Defense Media Agency pays for satellites deployed to received AFRTS programming – would like to research streaming as a future option

Require a value engineered streaming solution that will aggregate content from sources both internal and external to the ship. The content will stream over a private network to televisions located around the ship.

- Surveillance Systems Maritime PTZ Cameras
 - Current Maritime PTZ cameras deployed are experiencing physical failures during rough seas

Interested in comparing hardened PTZ camera solutions that can remain operational in an Ocean spray environment where the cameras can potentially receive direct wave impacts during rough seas.



SEA 05H INTEGRATED WARFARE SYSTEMS ENGINEERING

Questions?

Briefer: Tammi Jackson-Griffin
Unclassified Video Program Manager
SEA 05H5
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Networking Break

Next session begins
at 2:15 pm



Naval Information
Warfare Center



ATLANTIC

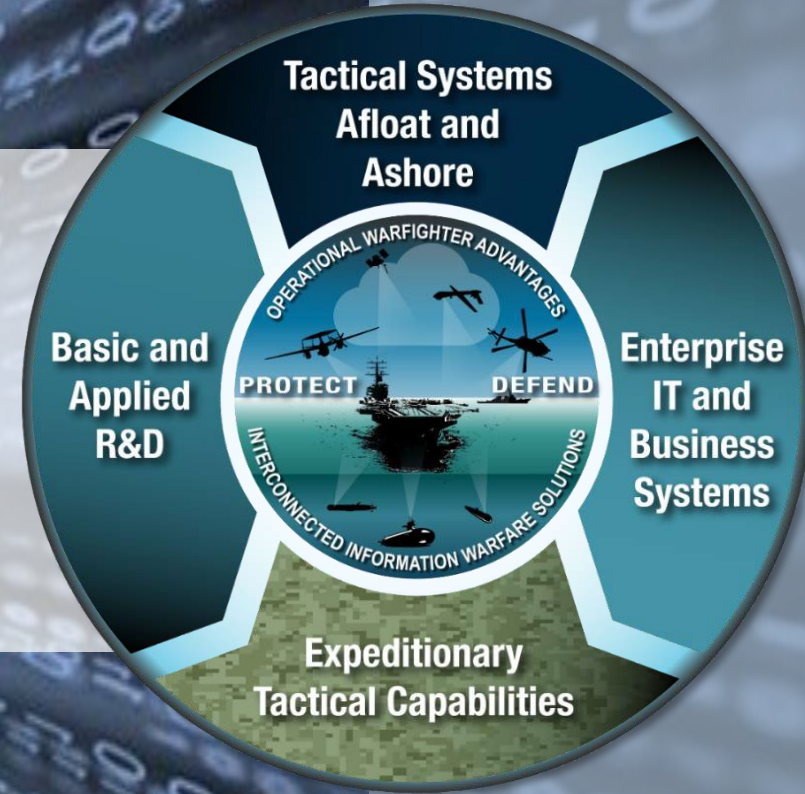
Naval Information Warfare Center Atlantic

Small Business Updates

69th Strategic Business and Industry Outreach
Initiative (SBIOT) Symposium
23-24 October 2024

Mr. John R. OConnor

Deputy Director – Office of Small Business Programs
NIWC Atlantic



NAVWAR

FY24 Final Small Business Achievements



Total: \$7.076B

\$4.839B

Other Than SB

\$2.245B

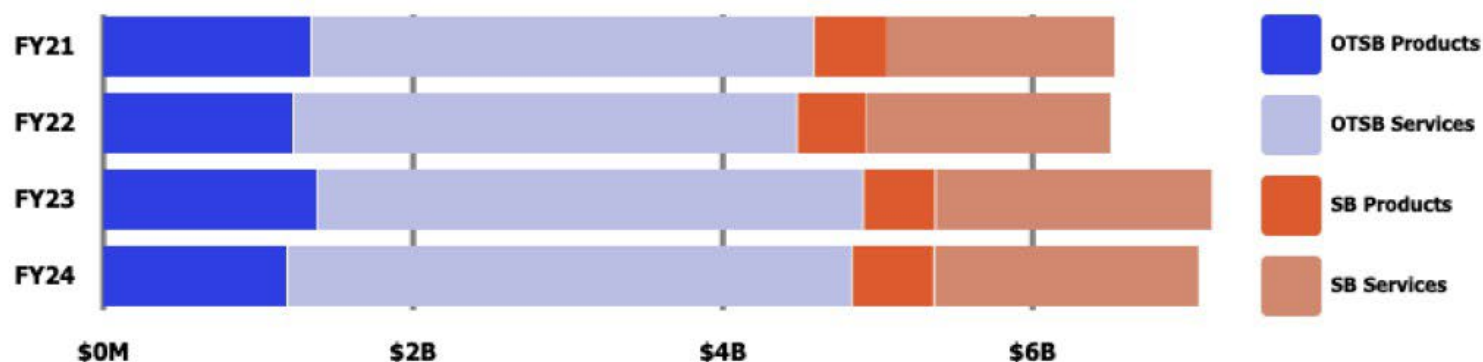
Small Business

*Per NDAA 2019 Small Business Local Area Set Aside Awards were "double credited" and accounted for **\$7.19M** in additional FY24 SB awards.*

NAVWAR has \$73M Overall/\$74M SB in SBIR/STTR transactions through 30 September 2024 with \$8M by NAVAIR (all SB) and \$6.6M (all SB) by NAVSEA put under contract.

NAVWAR NIWCs had \$18.1M Overall/\$4.9M in NAVSEA funded SBIR/STTR awards credited to NAVSEA.

Fiscal Year 2021, 2022, 2023 and 2024 Year-to-Date Prime Contract Awards through 30 September 2024



\$2,244,555,712

Small Business

\$738,453,943

Small Disadvantaged

\$434,839,845

Service-Disabled

\$493,764,446

Women Owned

\$117,631,560

HUBZone

FY23 Small Business Achievements

By the Numbers (FY23)

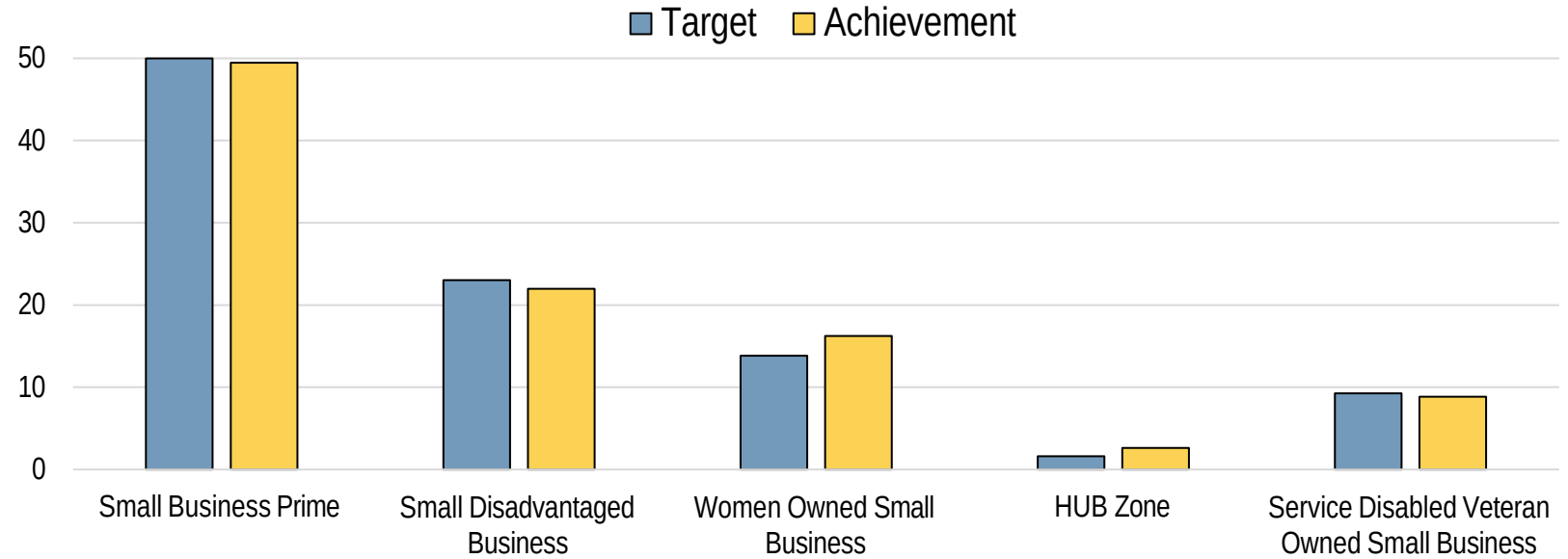
- 50.57% Total Small Business
- 265 Small Businesses
- 89.2 % Competition
- \$3.85B Total Obligation Authority
- \$2.3B Total Obligations
 - 8(a) – 199 Actions / Valued at >\$71M / 6.2%

Strengths in SB Strategy

- 8(a) Incubator
- IDIQ (sole source orders)
- ANC Strategy
- \$100M Sole Source Awards
- Rigor in market research to identify SB capability
- Monthly Forecasts
- Leadership Engagement

Opportunities

- Reduction in NIWC Atlantic SB DIB. Number of SB awardees declined from ~400 to ~300 (FY19 - FY22)



	SB	SDB	WOSB	HUB Zone	SDVOSB
31 October 2023 Obligated	\$1,161,060,414	\$490,236,671	\$369,265,568	\$60,374,821	\$219,793,208
Achievement	50.57%	21.35%	16.08%	2.63%	9.57%
Target	49.99%	23.03%	13.84%	1.62%	9.25%

FY24 Small Business Achievements

By the Numbers (FY24)

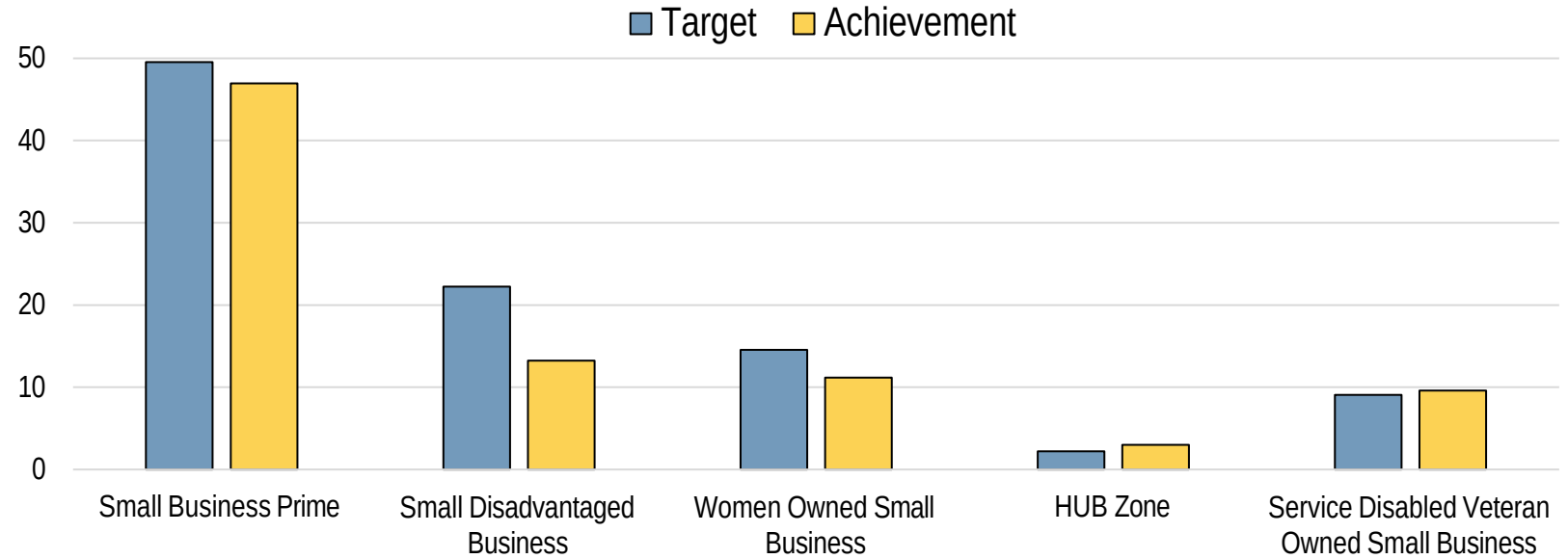
- 46.96% Total Small Business
- 266 Small Businesses
- Competition - 84.3% Actions / 83.9% Dollars
- \$4.83B Total Obligation Authority
- \$2.5B Total Obligations
 - 8(a) – 246 Actions / Valued at >\$107M / 9.1%

Strengths in SB Strategy

- 8(a) Incubator
- IDIQ (sole source orders)
- ANC Strategy
- \$100M Sole Source Awards
- Rigor in market research to identify SB capability
- Monthly Forecasts
- Leadership Engagement

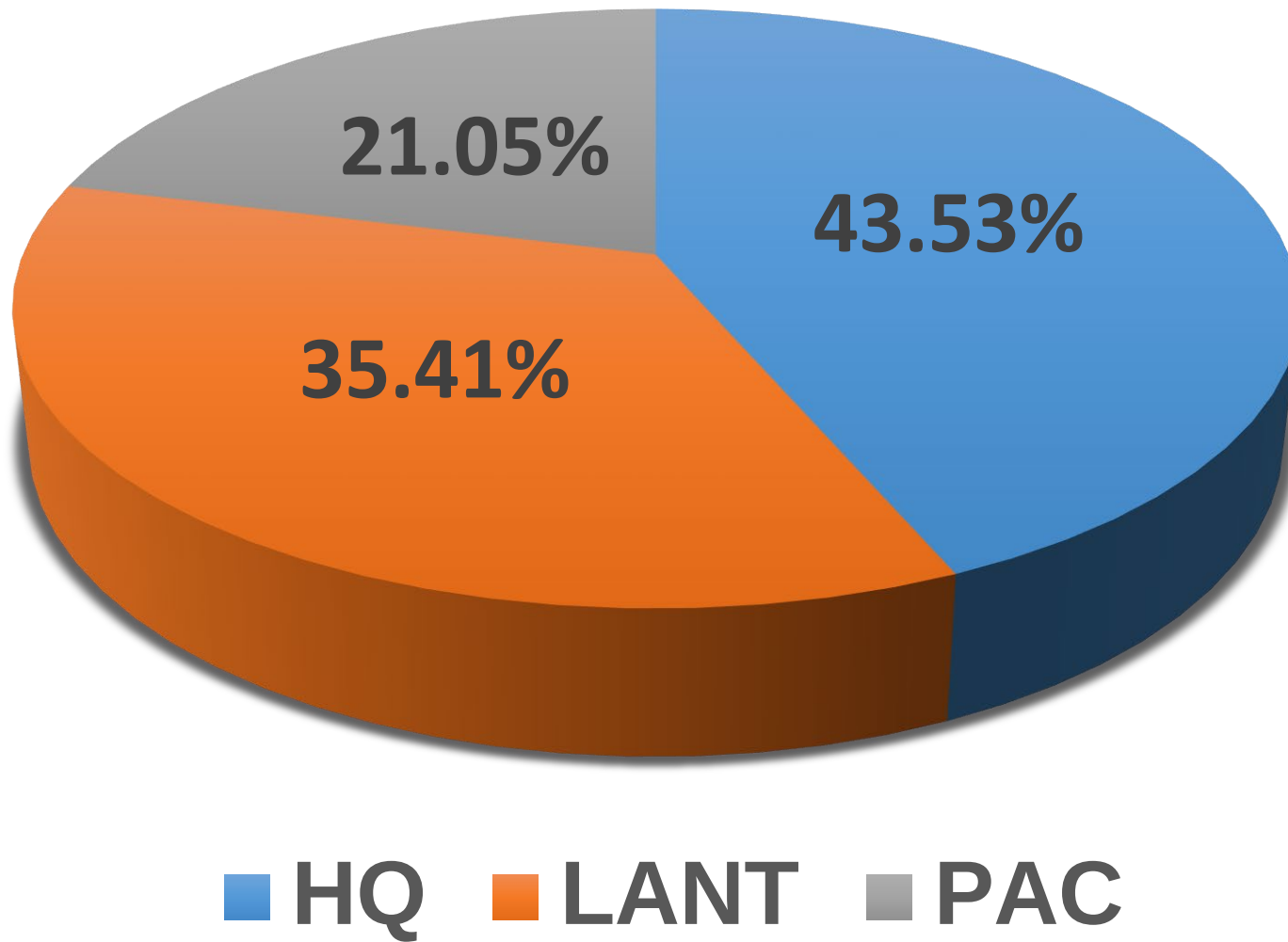
Opportunities

- Reduction in NIWC Atlantic SB DIB. Number of SB awardees declined from ~400 to ~265 (FY19 - FY23)

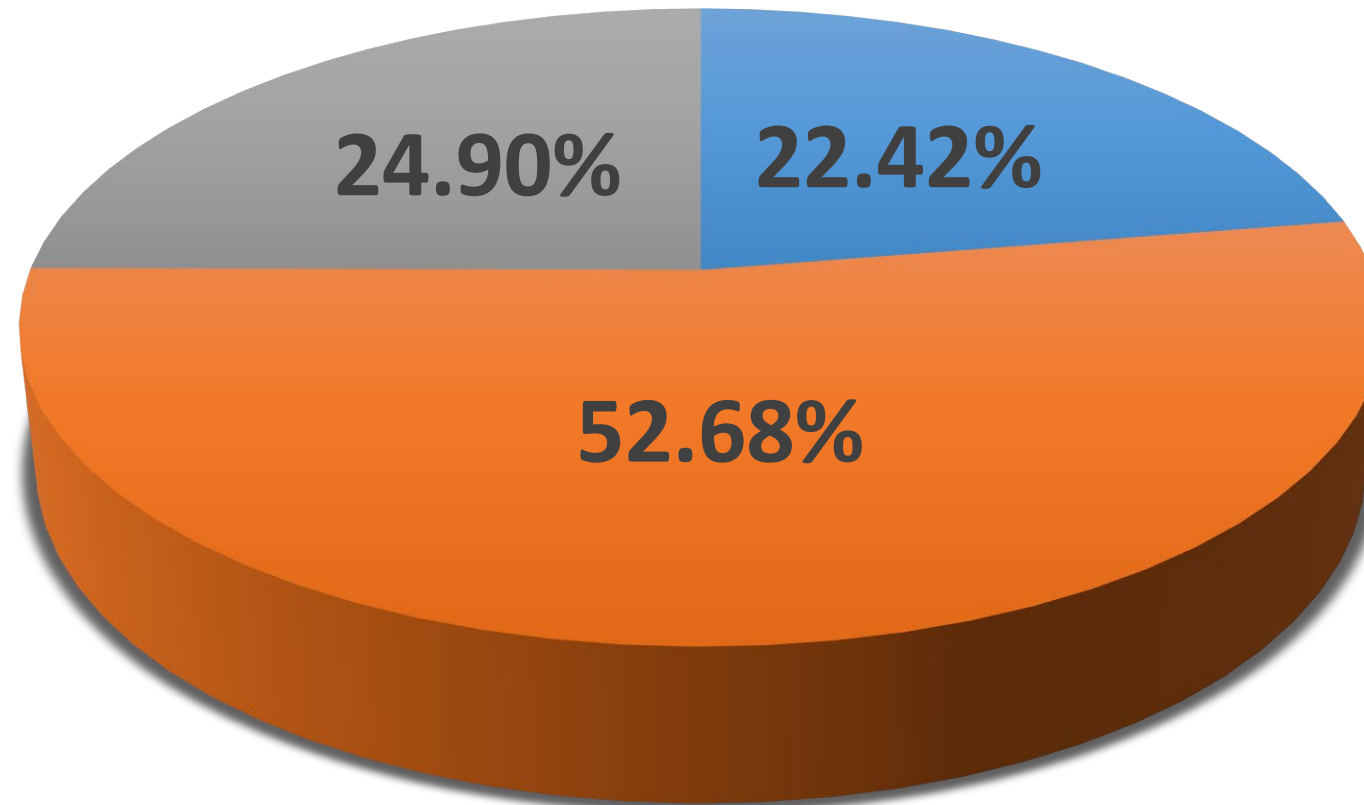


	SB	SDB	WOSB	HUB Zone	SDVOSB
30 September 2024 Obligated	\$1,177,301,441	\$331,879,282	\$280,558,543	\$75,194,742	\$240,530,441
Achievement	46.96%	13.24%	11.19%	3.00%	9.59%
Target	49.56%	22.25%	14.56%	2.22%	9.09%

% of NAVWAR Funding – FY24



% of NAVWAR Small Business Obligations – FY24



■ HQ ■ LANT ■ PAC

FY24 What We Buy — Top 3 NAICS Awarded by Actions/Dollars



NAICS – Description	Total Actions	% Total Actions	Total Dollars
54 (Professional, Scientific and Technical Services)	3343 	85.98% 	\$2,227,661,340.13 
33 (Manufacturing (Metals, Machinery, Computer, Electronics, Electrical Transportation Equipment, Furniture, Miscellaneous))	292 	7.51% 	\$154,975,706.86 
51 (Information)	189 	4.86% 	\$105,353,454.14 

FY24 What We Buy — Top 5 PSC Awarded by Dollars/Actions

PSC – Description	Total Actions	% Total Actions	Total Dollars
R425 - Support - Professional: Engineering/Technical	1007 	30.82% 	\$772,773,417.93 
AC13 - National Defense R&D Services 	226 	9.82% 	\$246,147,957.35 
J058 - Maintenance/Repair/Rebuild of Equipment 	220 	5.11% 	\$128,036,621.06 
DE01 - IT and Telecom - End User: Help Desk (Labor)	75 	4.61% 	\$115,656,629.12 
K058 –Modification of Equipment- Comms, Detection, Radiation 	115 	4.57% 	\$114,464,825.42 

FY24 – Top 10 Small Business / Dollars

- ▼ Advanced Computer Concepts Inc.
- ▼ CORE4CE, LLC ***
- ▼ Atlas Technologies, Inc.
- ▼ Chugach Technical Solutions, LLC
- ▼ Atlas Executive Consulting, LLC
- ▼ Adapt Forward, LLC ***
- ▼ Nexgen Data Systems, Inc.
- ▼ New Tech Solutions, Inc. ***
- ▼ Predicate Logic, Inc.
- ▼ Geodesicx, Inc. ***

*** New For FY24

Refresher Topics

▼ Market Surveys / Market Research – Help Us Help You

- PLEASE Respond – Tailor Responses – Answer the Question – Similarly Situated Entity

▼ Disaggregation Basics

- Breaking Large Acquisitions into Smaller Acquisitions – Decision Documentation $\geq$ \$50M
- Exception: 8(a) / FMS / SBIR / Bridge / SBSA $\leq$ \$75M – ED Concurrence if Not Possible

▼ Not Exercising Option Periods

- Has NOT Occurred at NIWC Atlantic – No Simple Answer as each Acquisition is Unique
- Minimal Probability with Organic Growth – Greater Focus on Acquisition/Merger

Naval Information
Warfare Center



ATLANTIC

Mission:

Conduct research, development, prototyping, engineering, test and evaluation, installation, and sustainment of integrated information warfare capabilities and services across all warfighting domains with an emphasis on Expeditionary Tactical Capabilities & Enterprise IT and Business Systems in order to drive innovation and warfighter information advantage.

Vision:

WIN THE INFORMATION WAR.

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Search "NAVWAR"



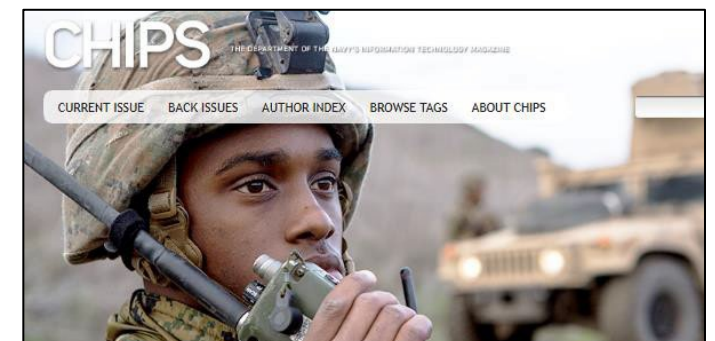
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[CHIPS Magazine \(navy.mil\)](https://chips.navy.mil)



Naval Information
Warfare Center



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Naval Information Warfare Center Atlantic

2.0 Contracts Competency and Industry Forecast Update

69th Strategic Business and Industry
Outreach Initiative (SBOI) Symposium

24 October 2024

Mr. Steve Harnig

NIWC Atlantic

2.0 Contracts Competency Director



Overview

- ▼ Opening Remarks
- ▼ FY2024 Review
- ▼ Contract Strategy Update
- ▼ Contracts Industry Council Update
- ▼ Industry Forecast Report - Division Heads
- ▼ IWRP Update
- ▼ Questions



FY24 Review

FY24 NIWC Atlantic Contracts Summary (1 of 2)

▼ Total Actions – 4,202

- 6.4% increase from FY23 (3,948 actions in FY23)

▼ Total Obligated Funds – \$2.806B

- ~\$148.5M increase from FY23 (\$2.646B obligated in FY23)

▼ On-Time Performance

Production vs. PALT**	79.3%
Production vs. RAD	83.8%
Production vs. Planned / Revised	90.0%

***Large Contract, GIC Mod, & OT PIDs Excluded*

▼ Competition Performance

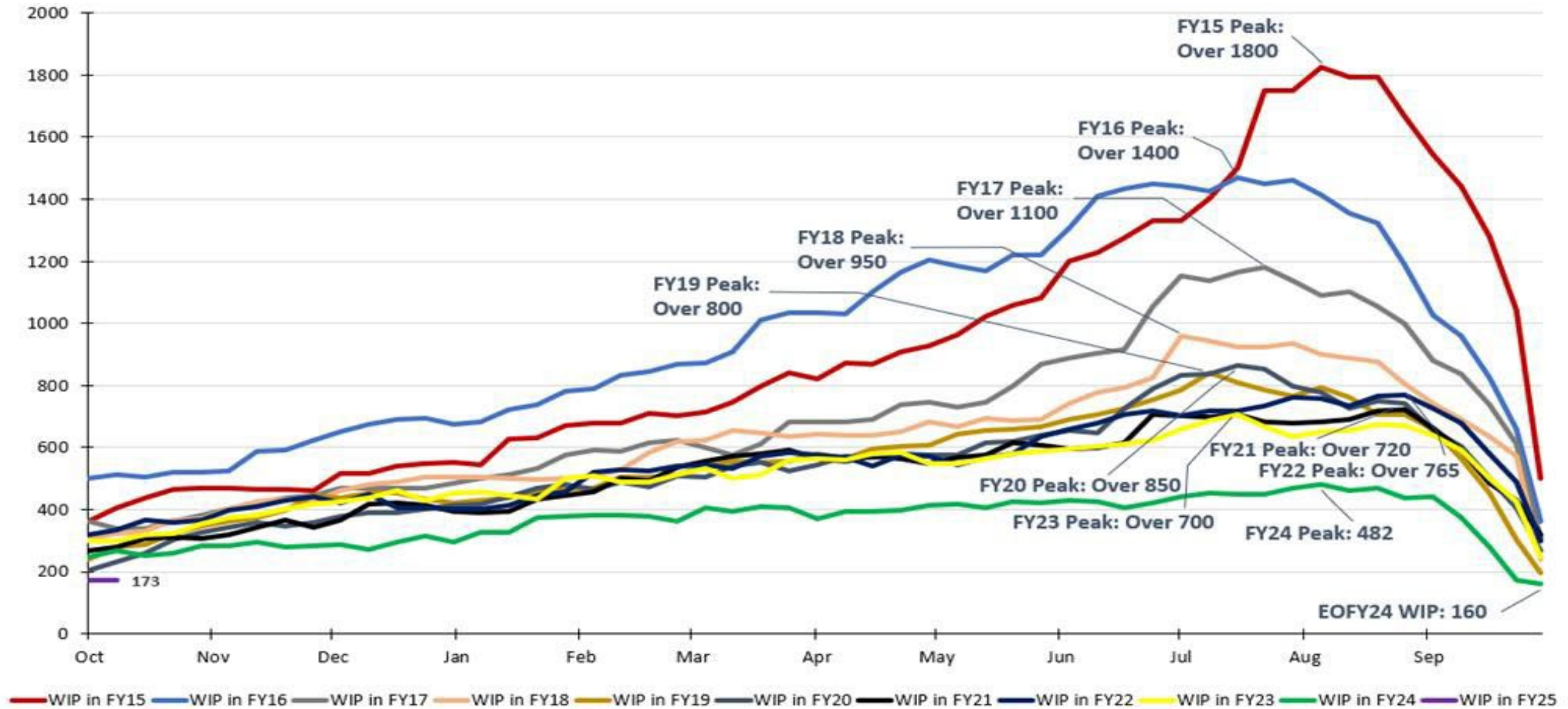
LANT Competition %s	Achieved	Goal
FY24	83.90%	89.78%

FY24 NIWC Atlantic Contracts Summary (2 of 2)

▼ PALT Performance

PALT Type	PID Count	Average Days - PID Acceptance to Award	Median Days - PID Acceptance to Award	Average Delta vs. Advertised PALT	Advertised PALT
Large Contract	22	196.8	116.5		
Service MAC >=\$25M	20	381.8	381.0	115.8	266
Service MAC >=\$10M, <\$25M	8	227.8	237.0	47.8	180
Service MAC <\$10M	34	108.9	99.5	-30.1	139
Service MAC FOE	8	59.4	57.5	-15.6	75
Supply MAC	539	74.1	71.0	-11.9	86
Single Award	134	68.3	62.5	8.3	60
SAP	95	74.5	71.0	-0.5	75
Modification - High Complex	970	21.1	16.0	-18.9	40
Modification - Low Complex	1,513	11.6	7.0	-8.4	20
Modification - Supply	188	17.8	11.0	-22.2	40
ECP Mod	4	46.8	56.0	-13.3	60
GIC Mod	406	63.3	54.5		
OT	46	46.3	23.5		
Prod Mod	6	18.3	16.0	-56.7	75
IWRP Mod	3	7.7	7.0	-67.3	75
REA/Claim	9	55.3	62.0		
Single Award (Pre-Priced)	105	26.2	21.0	-8.8	35

NIWC Atlantic Year-over-Year WIP





Contract Strategy Update

Managing Contract Strategy for the Future



- ▼ Quality Acquisition at the Speed of Need (LOE 2; Obj 2.2)
 - Get Real, Get Better
- ▼ SECNAV focus on Small Business Goals
- ▼ Wartime Acquisition Response Planning (WARP)
- ▼ Section 233 Authorities
- ▼ Contracting Office Staffing / Resources
- ▼ Sea Enterprise Global Installation Contract (GIC)
- ▼ Information Warfare Research Project (IWRP)



Contracts Industry Council (CIC) Update

Contracts Industry Council Updates

- ▼ Most recent session held on July 9, 2024
- ▼ Standard Topics:
 - Communication Challenges
 - Process and Tools
 - Barriers to Entry
- ▼ Ongoing/ad-hoc topics include Priced SLIN/working “at-risk” due to funding delays, Industry feedback on procurement evaluation criteria, prospect of reinvigoration of Technical Exchanges, general Industry engagement, and Small Business disaggregation
- ▼ Next CIC date TBD; potentially returning to meeting on-site at NIWC Atlantic facility



Industry Forecast Report



Naval Information Warfare Center Atlantic

Fleet C4I and Readiness (PMW 700s)

Division 221
Mr. Todd Rollins



Fleet C4I and Readiness Forecast

Department	PID Number	Est Value	Contract Vehicle	RFP Pending	SB Set Aside Status	General Description
Department Head C4ISR - FMS Air Integrations USCG Div Head	LSUBP00006-0122	>=\$100M, <\$250M	Seaport NxG	Feb-2025	UNRESTRICTED	Logistics acquisition and management support services to the TacMobile IPT for Naval Information Warfare Center Atlantic (NIWC Atlantic).
Fleet C4I & Readiness - Shore C4I Integration Division (PMW 790)	LSUBP00015-0002	>=\$100M, <\$250M	Seaport NxG	Nov-2024	SBSA	Provide engineering, integration and sustainment support for Tactical Shore IP networks and all systems under the ShoreNet CB-ISEA. Activities include technical, engineering, cyber, logistics and modernization support.



Naval Information Warfare Center Atlantic Expeditionary Warfare/ Enterprise Systems/ Non-Department

Division 222
Ms. Erica Smoak



Expeditionary Warfare/Enterprise Systems/ Non-Department Forecast

Department	PID Number	Est Value	Contract Vehicle	RFP Pending	SB Set Aside Status	General Description
Expeditionary Warfare Department - Expeditionary C3 Solutions Division	LSUBP00004-0065	>=\$10M, <\$50M	Seaport NxG	Jan-2025	TBD	Advanced Technology Development (ATD) IPT Engineering Support
Expeditionary Warfare Department - Expeditionary C3 Solutions Division	LSUBP00004-0052	>=\$100M, <\$250M	Seaport NxG	Feb-2025	TBD	SOCS Satellite Deployable Node (SDN) Satellite Communications
Expeditionary Warfare Department - Expeditionary C3 Solutions Division	LSUBP00004-0128	>=\$50M, <\$100M	Seaport NxG	Feb-2025	TBD	SOCS SCAMPI Satellite Communications
Expeditionary Warfare Department - Expeditionary Intel Solutions Division	LSUBP00021-0106	>=\$10M, <\$50M	Seaport NxG	Dec-2024	TBD	Special Ops ISR Solutions (SOIS) Joint Threat Warning System (JTWS) Air
Expeditionary Warfare Department - Expeditionary Intel Solutions Division	LSUBP00021-0107	>=\$10M, <\$50M	Seaport NxG	Dec-2024	TBD	Special Ops ISR Solutions (SOIS) Maritime Combatant Craft



Naval Information Warfare Center Atlantic

Shore C2ISR and Integration

Division 223
Mr. Adam Solivan



Shore C2ISR and Integration Forecast (1 of 2)

Department	PID Number	Est Value	Contract Vehicle	RFP Pending	SB Set Aside Status	General Description
Department Head Shore SC2ISR and Integration - Defense Health Info Tech Div Head	LSUBP00009-0166	>=\$100M, <\$250M	Seaport NxG	Mar-2025	TBD	LIPTM00307, DHRE IPT, Defense Health Readiness Engineering Support II
Department Head Shore SC2ISR and Integration - Defense Health Info Tech Div Head	LSUBP00009-0033	>=\$100M, <\$250M	Seaport NxG	Dec-2024	SBSA	LIPTM00478, Cyber Security Service Provider Support II, Seaport
Dept Head Shore SC2ISR and Integration - Force Protection Solutions Div Head	LSUBP00010-0001	>=\$50M, <\$100M	TBD	Dec-2024	TBD	Emergent & Special Security Solutions
Dept Head Shore SC2ISR and Integration - Force Protection Solutions Div Head	LSUBP00010-0002	>=\$100M, <\$250M	TBD	Jan-2025	TBD	Global Security Solutions

Shore C2ISR and Integration Forecast (2 of 2)

Department	PID Number	Est Value	Contract Vehicle	RFP Pending	SB Set Aside Status	General Description
Dept Head Shore SC2ISR and Integration - Force Protection Solutions Div Head	LSUBP00010-0061	>=\$50M, <\$100M	Seaport NxG	Nov-2024	UNRESTRICTED	IT-OT Cybersecurity Engineering Support

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Naval Information Warfare Center Atlantic

C4I 100s/S&T/ Non-Department

Division 224

Ms. Sheela Casper



C4I 100s

Department	PID Number	Est Value	Contract Vehicle	RFP Pending	SB Set Aside Status	General Description
Department Head C4ISR - Battle Space Awareness Div Head	LSUBP00022-0154	>=\$10M, <\$50M	Seaport NxG	Nov-2024	UNRESTRICTED	DCGS-N Test & Evaluation and Cybersecurity Support - Seaport New TO (60 Months)
Department Head C4ISR - Battle Space Awareness Div Head	LSUBP00022-0003	>=\$50M, <\$100M	Seaport NxG	Dec-2024	SBSA	ISR/IO, Integrated Logistics Support (ILS) and Configuration Management (CM) - Seaport New TO (60mth)
Fleet C4I & Readiness - Navy Afloat Transport & Navigation Division (PMW 170)	LSUBP00016-0162	>=\$10M, <\$50M	Seaport NxG	Feb-2025	SBSA	Maritime Position, Navigation and Timing (PNT) Systems Cybersecurity, Software Testing, Digital Engineering and R&D Services (PNT ISEA IPT)
Fleet C4I & Readiness - Navy Afloat Transport & Navigation Division (PMW 170)	LSUBP00016-0100	>=\$50M, <\$100M	Seaport NxG	Dec-2024	SBSA	SATCOM CB-ISEA Support - Afloat Transport Systems (ATS IPT)
Fleet C4I & Readiness - Navy Afloat Transport & Navigation Division (PMW 170)	LSUBP00016-0028	>=\$100M, <\$250M	Seaport NxG	Mar-2025	TBD	Maritime Position, Navigation and Timing (PNT) Systems In-Service Engineering and Technical Support Services (PNT ISEA IPT), troubleshooting & testing

7.0/Science and Technology

Department	PID Number	Est Value	Contract Vehicle	RFP Pending	SB Set Aside Status	General Description
7.0 Competency	LSUBP00049-0003	>=\$50M, <\$100M	Seaport NxG	Mar-2025	TBD	Engineering and Technical Support for 7.0 Science and Technology
7.0 Competency- DARPA IPT	LSUBP00049-0002	>=\$50M, <\$100M	Seaport NxG	Mar-2025	TBD	Systems engineering and technical assistant support to DARPA Information Innovation Office (I20) Program Office



IWRP Update

Giancarlo Dumenigo
Agreements Officer
Naval Information Warfare Center
(NIWC) Atlantic

IWRP 3 Other Transaction Consortium

- Award # N652362490003
- Quarterly Industry Day held October 22, 2024, at the Gaillard Center, Charleston, SC
- 15 Topics Shared (7 PSC, 1 RPP, 7 TCEs)

Topics Discussed 10/22/24 (1 of 7)

1. 24-LANT-1893 Next Generation Durable Application Platform PSC:

Description: The government is seeking to develop an advanced next generation application platform in a simulated environment to demonstrate cutting-edge application hosting and resilience techniques within clustered environments that mimic tactical edge constraints. It will include private repositories, multiple application nodes for failover and automated reprovisioning, and a mock logical single source of truth. The environment will showcase composable microservices, stateless containers, and Zero Trust security, while rigorous testing will validate durability, failover capabilities, and data consistency. The simulated execution of the advanced next generation application platform aims to enhance operational reliability and reduce maintenance efforts for modern, adaptable IT systems in diverse deployment scenarios.

2. 24-LANT-2494 Decision Support as a Service Environment (DSaaSE) PSC:

Description: NAVWAR is seeking to prototype a hybrid cloud/on-premise and cross-domain capable environment for data experts. The DSaaSE will be a modern self-service environment for data experts to perform full life-cycle data analysis, modeling, and AI/ML workflows. The solution will be a one-stop-shop Data Lake where hundreds of operational data types and sources are available for usage. The government intends to use this prototype to explore ways to establish capabilities that can empower the DCHE mission and operations that will enable data users' the ability to conduct and collaborate on decision support related tasks and share data products.

Topics Discussed 10/22/24 (2 of 7)

3. Atlantic - Strategic Laydown and Dispersal (SLD) Modernization Prototype PSC:

Description: SLD modernization is an effort to more efficiently and effectively track and evaluate actual and potential changes to the Navy laydown using technology enabled analysis and linkages to select Navy databases. The SLD Decision Support Tool will provide data management, traceability, ease of use, scalability, and an ability to identify and depict causal relationships, total ownership costs, and alternative laydowns based on correlation to key SLD criteria.

4. Pacific/NAVWAR HQ - PMW 790 C4I Arsenal Capability PSC:

Short Description: The concept is to develop a secret Cloud capability that can provision Cloud hardware, execute a software load of Infrastructure-as-Code (IaC) with platform Core IA and IP Services, install/test Tactical Battle Mission Aids, and deploy to customers. GovCloud IL 6, On-Prem Cloud IL 6, and portable Expeditionary Edge Cloud IL6. PMW 790 has an initial IaC and IP Services currently in use on government systems that may be used if suitable for platform or reconfigured to suit purpose. The initial prototype could be the build capability for the more mobile portable Edge Cloud for Expeditionary deployments on Shore or Afloat, where Cloud Edge hardware is provisioned, built, OS and Core IP and IA Services installed, with Mission Communications utilizing existing GFE and at least one functioning Battle Mission Aid is loaded. The shipping and receiving is to occur at a location with adequate facility security and accreditation. Solution will reside where a high-speed secret C2 network is accessible to download Application Arsenal and other Battle support solutions, and upload data packages at designated points in time, including the end of the systems deployment. Additional deliverables would include a cost estimate, with manpower and skill estimates for a fully functional single site IOC, and the initial design for the GOVCloud and On-Prem Cloud in IL6, and to implement at least 3 distributed Navy sites (locations based on GFI) at SECRET enclave to take this IOC to a follow-on FOC IWRP effort.

Topics Discussed 10/22/24 (3 of 7)

5. Atlantic - Active/Passive RFID Tech for Inventory Tracking PSC:

Description: Inventory tracking at NIWC Atlantic faces challenges such as time efficiencies and real-time visibility that can lead to discrepancies, delays and increased operational costs. Traditional methods like barcode scanning require direct line-of-sight and human intervention, that are labor-intensive. NIWC Atlantic is interested in pursuing active/passive RFID (Radio Frequency Identification) technologies enabling automated, real-time tracking of inventory without the need for direct line-of-sight or manual scanning. The command believes these technologies can be used to assist in real-time inventory tracking, logging equipment in an area during the performance of a book-to-floor inventory, and logging equipment as it enters/exits specific areas and facilities.

6. Atlantic - Tactical Edge Solutions (TES) Networked Edge Warfighting Terminal (NEWT) Body Worn Computer, Battery Power, Cross Domain Solution, and Mesh Communications PSC:

Short Description: Networked Edge Warfighting Terminal (NEWT) will be a body-worn system that aims to enable edge-to-enterprise information sharing across an array of different communication devices in military and tactical environments. NEWT's features will include augmented reality and biometric reporting, which can provide valuable insights and real-time feedback to commanders and operators. The goal of NEWT is to improve situational awareness, decision-making, and mission effectiveness for warfighters in the field by enabling secure, reliable, and efficient information sharing across different devices and networks.

Topics Discussed 10/22/24 (4 of 7)

7. Atlantic - Waterfront Management Application (WMA) project - Digital Twins PSC:

Description: Investigations of the 2020 USS Bonhomme Richard (BHR) fire and the follow-on Major Fires Review revealed instances where the lack of pier related fire and safety attributes resulted in challenges to and inhibited fire response efforts at Naval waterfronts. Per Vice Chief of Naval Operations (VNCO) direction, the Most Consequential Topic 9 (MCT-9) Bonhomme Richard Major Fires Review (BHR/MFR) working group is charged to identify a means and codified process that ensures ship repairs and maintenance are conducted at berths/dry-docks capable of providing or hosting safety and fire protection attributes to protect the ship.

The Waterfront Management Application (WMA) Digital Twin module will provide the Navy an enterprise level tool that supports waterfront planning to improve efficiency, reduce risks, increase communication, and allows for predictive planning.

The Digital Twin will provide two different capabilities for Naval Port Operations and leadership to make tactical and strategic data driven decisions.

Capability one will provide an interactive model (2D and 3D) of the various ports to allow for tactical (“live”) day to day operations such as ship scheduling, berthing, and logistics.

Capability two will provide strategic (long term) view of ports uses modeling and simulation of waterfront activities to inform leadership of Strategic Laydown and Dispersal (SLD), battle damage repair, GMRP, and infrastructure investment data and insights to ensure proper port planning is taking place to ensure the correct resources are planned for and data driven decisions are being made

Topics Discussed 10/22/24 (5 of 7)

8. Atlantic - Ka/UHF Link Effects Simulator for MUOS TCE:

Short Description: The MUOS program is looking to develop a Ka and UHF Link Effects Simulator (LES) that will be used in the MUOS Service Life Extension testbed. The UHF link effects simulator will implement a subset of 120 defined fading channel models, RF level control, RF noise injection, Doppler effects, and delay. The Ka Link effects simulator will implement rain fade simulations, Doppler simulations, delay, and noise injection. It is envisioned these simulators will be model based software and run on commodity hardware to allow for long term sustainment of the testbed and will interface to a digital network using an interface standards like Digital Intermediate Frequency Interoperability (DIFI) or VITA 49.

9. Atlantic - GPU based Satellite Demodulator for MUOS Ground Site TCE:

Description: The MUOS ground system currently uses an FPGA based technology to provide for the demodulation of the Ka satellite downlink to the MUOS ground system. The program is looking to implement these technologies in commodity-based hardware and software potentially with GPU acceleration to meet latency and timing requirements to allow for better sustainment and upgrading capability over FPGA hardware.

10. Atlantic - Modularized Data and AI readiness TCE:

Short Description: The Intelligence Community (IC) faces significant challenges in sharing and utilizing data across agencies and missions due to the lack of standardized metadata. Current metadata standards focus on security and dataset characteristics, but do not capture the necessary business and mission context to enable data centricity and AI readiness. . The implementation of modularized metadata standards is necessary to increase the usability of data across organizations and missions, and to enable the use of AI in the IC.

Topics Discussed 10/22/24 (6 of 7)

11. Atlantic - Triad of Autonomy Prize Challenge - Optimizing Autonomy: Mastering Search, Maritime Patterns, and Dataset Quality TCE:

Description: NIWC Atlantic is seeking solutions to various aspects and components of collaborative autonomy. Teams may pitch to one or more than one of the below topic areas:

- Dynamic Multi-Agent Search Challenge
- Autonomous Identification of Anomalous Maritime Patterns
- Dataset Sufficiency for Computer Vision Models

The challenge can be viewed at the following link: <https://www.challenge.gov/?challenge=triad-of-autonomy>

12. Atlantic - MECS Prize Challenge - Rapid Innovation at Sea: Achieving Maritime EMS Simulation Excellence in 24-36 Months TCE:

Short Description: “The Navy seeks to define a technical approach that would achieve a Maritime EMS Constructive Simulator (MECS) prototype minimum viable product (MVP) within 24-36 months of design/prototype start.”

The challenge can be viewed via the following link: <https://www.challenge.gov/?challenge=maritime-ems-constructive-simulator-mecs>

Topics Discussed 10/22/24 (7 of 7)

13. Check-In and Check-Out (CICO) Solution for NIWC Atlantic Personnel RPP:

Description: This project is to provide enhancements to the SWAT Check-In and Check-Out applications in the Appian environment and implementing enhancements within the workflow. The objective is to build and to integrate these capabilities into the current applications managed within SWAT.

The Scalable Workflow Automation Tool (SWAT) Check-In application serves as the provisioning system for onboarding and current Civilian, Military, and Contractor personnel. The Check-In application manages the input from employees within the Naval Information Warfare Center (NIWC) Atlantic via the Appian platform.

14. Artificial Intelligence (AI) Portfolio Optimization Challenge TCE:

Description: Leverage generative AI to guide Navy/Marine Corps sustainment decisions

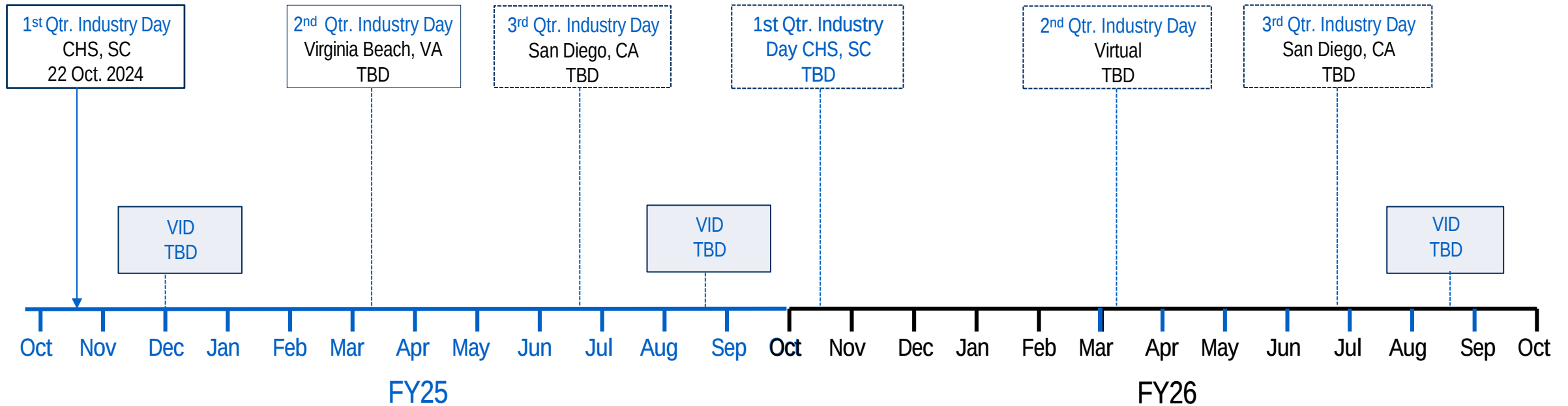
Link to Challenge: <https://www.challenge.gov/?challenge=artificial-intelligence-ai-portfolio-optimization>

15. Secure Commercially-Based AI Environment for Real-World Naval Applications Challenge TCE:

Description: Pioneer generative AI for non-experts

Link to Challenge: <https://www.challenge.gov/?challenge=creating-a-secure-commercially-based-ai-environment-for-real-world-naval-applications>

FY25 - FY26 IWRP Schedule



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

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Sharon Pritchard – Agreements Officer
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RPPs in Award Process

- 24-PAC-1796: Enhanced High Frequency for Fleet Command and Control (C2)
- 24-LANT-2154: Mission Planning Environment Inline File Encryption Device (IFED)
- 24-LANT-2174: Mission Planning System (light)
- 24-LANT-2234: Mission Planning Environment Cross Domain Solution
- 24-LANT-2274: Navy Learning Stack (LS) Tools

*Naval Information
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Questions?



Mr. Pete Van

Co- Chair

CDCA SBIOI

Events & Engagements Committee

Thank You



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173-124-771





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Please submit your survey by 3:00 pm on the last day of the
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67th SBIOI:

Kathryn Cox, Linchpin Solutions

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Rick Martier, Joint Tactics and Technologies

69th CDCA SBIOI
Session ID:
173-124-771



Today's Presentations will be posted!



NIWC Atlantic Briefs: <https://www.niwcatlantic.navy.mil/for-industry/>

All Other Briefs: https://charlestondca.org/page/events_sbioi_69



Registration is open! Early Bird Rate ends today!

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for the next

CDCA SBIOI

70th SBIOI: March 11-12, 2025

71st SBIOI: July 15-16, 2025

72nd SBIOI: October 15-16, 2025

SBIOI Networking Events:

March 11, 2025

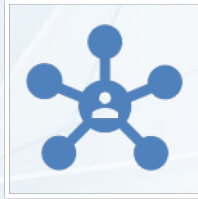
July 15, 2025

October 15, 2025

Speed Networking Session Information



**All Speed Networking
Participants received an email
confirming participation / table
assignments**



**Speed Networking Participants
should remain in the ballroom
– should anything change with
the schedule, we will not come
find you in the lobby**

**If you are on standby for a
table, you may wait in the back
of the ballroom to see if a spot
opens up for your to be called
into it.**



**Should there be any
empty spots in the
sessions:**

- o **Empty slots at tables 7-18 can be filled** by those waiting in the back of the room
 - Do ***not*** approach any empty table unless directed to do so by the emcee
 - I will announce any opening, select the participants and direct them to the appropriate table
- o If you are listed as an alternate to a table, you will be called to meet if a company does not show for their assigned time



Speed Networking Session

Speed Networking Schedule



Table	Title	Table Rep(s)	3:00-3:10	3:12-3:22	3:24-3:34	3:36-3:46	3:48-3:58	4:00-4:10	4:12-4:22	Alternate 1
1	FMS/Air Integration/USCG Division (PMW 740) - TacMobile (HTS Shelters Design/Support and FMS)	Jim Hadley - TacMobile IPT Lead, Whitt Hickson - TacMobile Incr 3 Project Lead, Wayne Hammett - TacMobile Incr 3 Lead Engineer, Dan Newlin - TacMobile IPT Tech Lead, Barbara Clothier - NAVAIR FMS IPT Lead/TacMobile IPT International Lead, Shannon Norris - TacMobile IPT PM, Jim Miller - TacMobile FMS Lead Engineer	STF	Proksi	DLH	Modus21				
3	FMS/Air Integration/USCG Division (PMW 740) - USCG IPT	Martina Jackson - Division Head, Karl Kramer - USCG IPT Acquisition Team Lead, Dewitt Bowen - USCG IPT Technology Deployment Lead, Lucas Richard - USCG IPT Acquisition Strategy Lead	TapHere!	Booz Allen Hamilton	STF	Makai				
4	FMS/Air Integration/USCG Division (PMW 740) - USCG IPT	Martina Jackson - Division Head, Sean Donovan - USCG IT Sustainment Team Technical PM, Elliot Engberg - USCG IPT System Engineering Lifecycle (SELC) Lead, Lucas Richard - USCG IPT Acquisition Strategy Lead	SimVentions	Modus21	Makai	Booz Allen Hamilton	Proksi	STF		
5	Surface Ship Integration Division (PMW 750-760)	Mark Held - Surface Ship Integration Division Head, Allen Ayers - Project Lead	Proksi	DLH						
6	SHORE C4I INTEGRATION Division (PMW 790)	Kevin Gerald (FC4I Deputy Dept Head, 700's/FIRD)	Modus21	Centurum	ADS	TQA	TapHere!	Proksi	Makai	DLH
8	Fleet C4I and Readiness Department	Matt Blair - Chief Engineer, Lee Stubbs - Chief Technology Officer	Booz Allen Hamilton	ASI	TQA	ADS	STF			
10	NIWC Atlantic Office of Small Business Programs	Mr. John O'Connor, Deputy Director OSBP, NIWC Atlantic	ADS							
12	Office of Small Business, NSWC Crane	Kaylee Diamond, Deputy for Small Business, NSWC Crane	TQA	JMA Resources	JRC Integrated					
13	Navy SBIR	Mr. Steven Carioti, Ms. Jamie Dement	Makai							
14	Advanced Computer Concepts (ACC)	Azher Salikuddin, Director of Contracts								
15	American Systems	Hezekiah White, Senior Capture Manager								
16	Biorn Group Cyber	Khanh Tran, VP Cybersecurity								
19	Strategic Tech Solutions	John Harrill, Senior Account Executive								
20	Trusted QA	Perry Townsend, CGO								