Naval Information Warfare Center Atlantic

CDCA Small Business and Industry Outreach Initiative Symposium #50

Mr. Christopher Miller, SES
NIWC Atlantic
Executive Director
2 April 2019

@chrismiller_navy
**Key Metrics**

**Contractor Onboarding** (Avg # days)
- CY 17 – 27 Days
- CY18 – 18 Days
- CY19 – EOM Mar: 15 Days

**Funds Received**
- FY18 End of Month Feb.
  - Reimbursable Funds - $575,781K
  - Direct Cite Funds – $423,661K
- FY19 End of Month Feb.
  - Reimbursable Funds - $882,414K
  - Direct Cite Funds – $606,844K

**Contracts Dollars Obligated**
- FY18 – EOM Mar: $380,057,140
- FY19 – EOM Mar: $552,603,400

**IWRP** Information Warfare Research Project

**Project Request by Technology Area**

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**Workflow by Customer**

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**Workflow by Customer**

**Statement A:** Approved for Public Release. Distribution is unlimited (01 April 2019).
MISSION:
Serve our nation by delivering information warfare solutions that protect national security.
VISION: WIN THE INFORMATION WAR.
SBIOI Growth BEYOND EXPECTATIONS

2000 monthly breakfast meetings

Naval Computer and Telecommunications Command (NCTC)
- Norfolk, VA
- Washington, D.C.
- Pensacola, FL
- Jacksonville, FL

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Bigger
Better
Networked
Talented
Agile
Ready
National Defense Strategy

- Long term strategic competition with China and Russia
- Combat-credible forward presence in Asia and Europe
- Sustainable missions in Middle East and Central Asia
- Dynamic force posture and employment
- Lethal resilient and Agile Joint Force
A Design for Maintaining Maritime Superiority 2.0

- Strengthen Naval power at and from the sea
- Achieve high velocity outcomes
- Strengthen our Navy team for the future
- Expand and strengthen our network of partners

“the Navy the Nation Needs”  CNO John M. Richardson

Restore Readiness — Increase Lethality — Build Capacity
Mission Statement: SPAWAR identifies, develops, delivers and sustains information warfighting capabilities supporting naval, joint, coalition and other national missions.

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Vision: Rapidly delivering cyber warfighting capability from seabed to space
MISSION: Serve our Nation by delivering information warfare solutions that protect national security.
VISION: WIN THE INFORMATION WAR.

GOALS

PRODUCT
Develop and deliver capabilities that expand our information warfare advantage.

PEOPLE
Recruit, develop and retain a credentialed workforce to meet technical requirements for today and tomorrow.

PROCESS
Advance efficiency and enhance effectiveness of processes to accelerate capability delivery and improve employee experience.

NIWC ATLANTIC GUIDING PRINCIPLES

FOCUS ON MISSION & WARBINGER

EMBODY INTEGRITY
CHAMPION SERVICE
ENABLE TEAMWORK
EMBRACE OWNERSHIP & EMPOWERMENT

DEPARTMENT OF NAVY CORE VALUES
MISSION:
Serve our Nation by delivering information warfare solutions that protect national security.

VISION: WIN THE INFORMATION WAR.

NIWC ATLANTIC GUIDING PRINCIPLES

FOCUS ON MISSION & WARFIGHTER
We are committed to our mission and are steadfast in delivering with that mission in mind.
We take a user-centric approach to creating solutions that, above all else, support the warfighter.

EMBODY INTEGRITY
We do the right thing at all times, honor our obligations to our country and its citizens, and deliver on our commitments.
We demonstrate responsibility and accountability for effective stewardship of our country’s resources.
We have the courage to speak up: providing honest, unbiased, and professional feedback and recommendations.

CHAMPION SERVICE
We serve our nation and the warfighter by delivering solutions in support of global security.
We serve our customers as subject matter experts and technical leaders dedicated to excellence in every action we take.
We serve one another through transparent communications and our shared responsibility for deliverables.

ENABLE TEAMWORK
We value each team member’s role and contribution to the mission and pursue lasting relationships that foster cross-functional teams.
We partner through active collaboration to provide solutions with speed and velocity.
We build diversity in our workforce and across our teams, enabling the delivery of superior solutions.

EMBRACE OWNERSHIP & EMPOWERMENT
We embrace ownership, where all team members are mutually accountable for results.
We promote autonomy and empowerment, valuing and trusting our teammates.
We dedicate ourselves to self-improvement and continuous learning to foster growth and innovation.

DEPARTMENT OF THE NAVY CORE VALUES

HONOR
COURAGE
COMMITMENT
DoD and the Navy has a clear strategy for what is needed now and for the future.

NIWC Atlantic
FY 19 Execution Plan
Clear strategy to execute for the National and Navy strategy.

We can’t execute without support of the defense industry.

**Industry:** Match and deliver the Navy’s demand for new technologies and equipment.

**People:**
- Recruit, develop and retain a credentialed workforce to meet technical requirements for today and tomorrow.
- Ensure the growth and health of technical knowledge and skills.
- Improve planning and communication. Keep lines of communication open, deliver on time.

**Process:**
- Advance efficiency and enhance effectiveness of processes to accelerate capability delivery and improve employee experience.

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Technology Growth Areas (TGAs)

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

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

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

Enterprise Resource Tools: Aims to improve enterprise’s productivity and efficiency by providing business logic support functionality. (Kathryn Murphy)

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

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

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

Data Science and Analytics: Provide warfighters with disruptive analytics-driven, data-informed, and technology-empowered capabilities to drive decision advantages and optimal mission outcomes. (Rob Keisler)

Internet of Things (IoT) and Embedded Systems: Provide awareness to the warfighter at the edge by connecting devices embedded with state-of-the-art sensors, software, and electronics. (Rob Keisler)

Cyber Warfare: Ensures availability, integrity, authentication, confidentiality and nonrepudiation of data sources. (Erick Fry)

Autonomy: Enabling systems to adapt their actions to changes in their mission and operating environment without the intervention of a human operator. (Dr. Suzanne Huerth)
New center names emphasizes information as a key domain of warfare

Also aligns the centers with NAVAIR's **air warfare** centers and NAVSEA's **surface warfare** and **undersea warfare** centers

**Naval Information Warfare Center**

**ATLANTIC**

Use of information IS a fundamental element of warfare not a supporting function
Serve our Nation by delivering information warfare solutions that protect national security.

WIN THE INFORMATION WAR.

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

Web: https://www.public.navy.mil/spawar/Atlantic    Facebook: https://www.facebook.com/spaceandnavalwarfaresystemscommand
Glassdoor: https://www.glassdoor.com/Overview/Working-at-SPAWAR-Systems-Center-Atlantic-EI_IE638508.11,41.htm
SPAWAR Contract Directorate Office: https://e-commerce.sscno.nmci.navy.mil

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