



# Space and Naval Warfare Systems Center Atlantic Command Focus

Charleston Defense Contractors  
Association  
**39<sup>th</sup> Small Business  
Industry Outreach Initiative**  
17 March 2016

**CAPT Scott D. Heller**  
SSC Atlantic  
Commanding Officer

# Agenda

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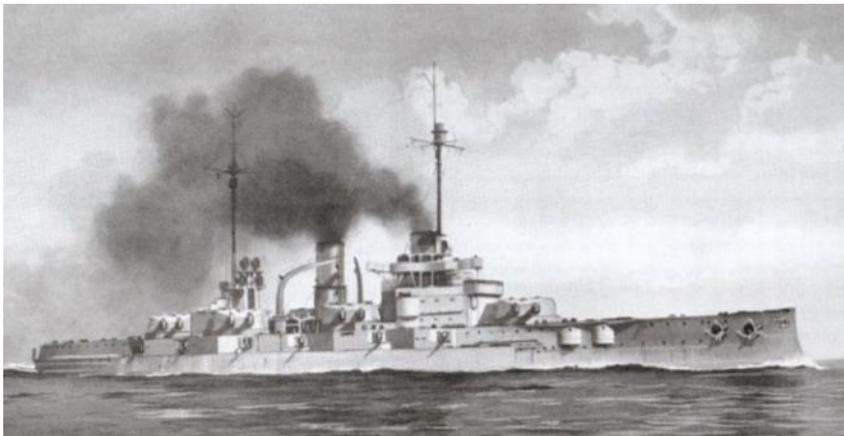
## ▼ Command Focus

- Strategy
  - National Broadside Challenge
  - Work Acceptance/Guideposts
  - Thrust Areas
  - Focusing for Information Warfare capabilities
- Planning
  - Contracts

## ▼ Conclusion

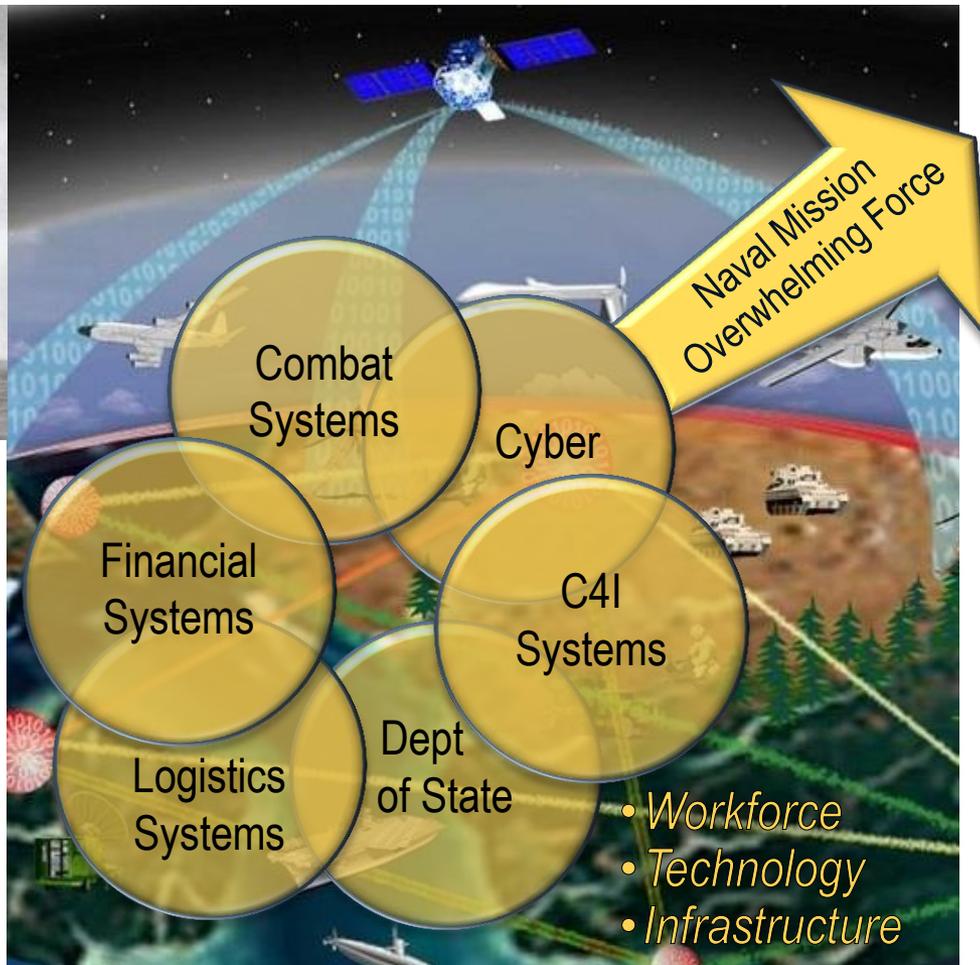
- Opportunity Exists!

# Contributing to the National Broadside



*WWI – Coordinated broadside from the platform ...*

*2015 and beyond requires a  
coordinated  
National Broadside*



Ensuring Naval dominance through  
collaboration, alignment and engineering excellence.

# Shaping our Work and Workforce Guideposts

## What We Provide:

Naval Engineering Services  
Delivering Information Warfare  
Capability

## Key Tasks:

- Project/Program Management
- Research
- SoS Engineering
- Requirements
- Design
- Development
- Integration
- Production
- Installation
- Test and Evaluation
- Quality Assurance
- Sustainment
- PBLO/Logistics Engineering

## Technical Growth Areas:

1. Cyber Warfare
2. Big Data Technologies
3. Assured Communications
4. Cloud Computing
5. Enterprise Resource Tools
6. Collaboration
7. Autonomy
8. Embedded Systems
9. Mobility

- 1) Leadership (SYSCOM, ASN (RDA)) Directed Tasks.
- 2) PEO C4I, PEO EIS, and MARCORSSYSCOM (core customers).
  - Goal: Zero unfilled 'work accepted' demand signal.
  - Once we reach a steady state, billets will be filled within 21 days via re-assignment or task redistribution.
  - Exceptions to the 21-day timeline will be approved by the ED.
  - This will allow us to grow our base and remain competitive.
- 3) Improves Naval Information Dominance, funded by a Naval customer.
- 4) Improves Naval Information Dominance, not funded by a Naval customer.
  - Direct contribution to Naval Mission Thread.
  - COCOM Engineering Support.
  - Indirect contribution to Mission Thread or Naval interface (Agency, Service, other...).
- 5) Engineering Services (Non-Naval); Annual review by CO/ED.
  - Develops knowledge, skills, and abilities the Navy and Marine Corps require.
    - Aligned with Technical Growth Area priorities.
  - Protects our ability to surge.
    - This implies that when the opportunity to surge into priority 1-3 tasks exist, we do.
  - Minimize the harm, but these are areas to shape our way out of in order to free resources for a higher priority.

# Thrust Areas our greatest efforts

## **C4I** *Command, Control, Communications, Computers, and Intelligence*

- Computer Network Defense (CND) in a Tactical Environment
- Navy Tactical Cloud Software Development
- Navy Integrated Fires
- Design, Integration, Production, Installation, Test & Evaluation

## **EIS** *Enterprise Information Systems*

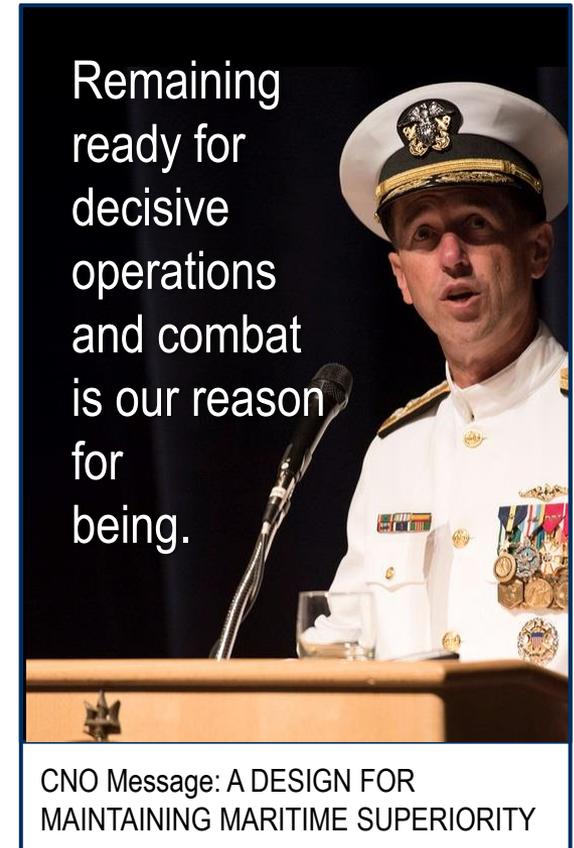
- Enterprise Business Solutions Provider (includes Application and Data Design & Engineering Principles for traditional hosting, cloud, mobility, & portability)
- Cloud Capabilities (access point solutions, hosting, contracting languages)
- PMW 205 Support Transformation (improve our embedded engineering and PM support to sponsor while seeking out turn-key engineering opportunities)

## **USMC/SOCOM** *US Marine Corps/ Special Operations Command*

- ISEA of the Marine Corps Enterprise Network
- Engineering the USMC ISR Enterprise
- Engineer and Deploy the Marine Corps Enterprise Network
- Transforming Combat Vehicles into Mobile C4ISR Platforms

## **NFS** *Navy and Federal Support*

- Cyber T&E
- Cybersecurity Systems Engineering
- Predictive Analytics (trending toward operational analytics)
- Next Generation Gateway
- Autonomous Systems- Automated/Assisted Decision Planning/Making



# External Focus

Strategy National Broadside → Guideposts → Thrust Areas

**Big Vision: National Broadside**

WW - Coordinated broadside from the platform  
2015 and beyond requires a coordinated National Broadside

Ensuring Naval dominance through collaboration, alignment and engineering excellence.

**Shaping our Work and Workforce Guideposts**

**What We Provide:**

- Leadership (SYSCOM ASN, ASDA) Directed Tasks:
  - Goal: Zero unmet work accepted demand signal.
  - Once we reach a steady state, bills will be filed within 21 days via re-assignment or task redistribution.
  - Exceptions to the 21-day timeline will be approved by the ED.
  - This will allow us to grow our base and remain competitive.
- PEO C4I, PEO EIS, and MARCOR/SYSCOM (core customers):
  - Direct contribution to Naval Mission Threat.
  - COCOM Engineering Support.
  - Indirect contribution to Mission Threat or Naval Interface Agency, Service, other...
- Improves Naval Information Commandance, funded by a Naval customer:
  - Develops knowledge, skills, and abilities the Navy and Marine Corps require.
  - Aligned with Technical Growth Area priorities.
  - Protects our ability to surge.
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- Engineering Services (Non-Naval): Annual review by COED:
  - Develops knowledge, skills, and abilities the Navy and Marine Corps require.
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  - This implies that when the opportunity to surge into priority 1-3 tasks exist, we do.
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**Big Vision: Thrust Areas, our greatest efforts**

**EIS: Enterprise Information Systems**

- Enterprise Application Design & Engineering Principles including design for cloud, mobility, & portability
- Big Data Technologies (sensing, translation, storage, analytics, HSI)
- Application Security
- Cloud (access point solutions, hosting, contracting languages)
- Cyber Security Technologies and Assessments
- IT/ITSM Implementation and Governance

**NFS: Naval and Federal Services**

- Cyber T&E
- Cybersecurity Systems Engineering
- Predictive Analytics (trending toward operational analytics)
- Next Generation Gateway
- Autonomous Systems- Automated-Assisted Decision Planning/Making

**USMC/SOCCM: US Marine Corps' Special Operations Command**

- Cyber Warfare, Big Data, Technologies, Assured Communications
- Mobility, Cloud Computing, Assured Communications

**C4I: Command, Control, Communications, Computers, and Intelligence**

- Big Data Technologies, Cloud Computing
- Design, Integration, Production, Installation, Test & Evaluation

Remaining ready for decisive operations and combat is our reason for being.

Planning

Detailed Work Assessment

Resource Allocation

Demand Signals

Project Procurement Strategy Meetings

Work and Technical Execution Matrix (WATEEM)

**Enterprise Focused Resource Planning**

IDENTIFY THE DEMAND SIGNAL

Process Model

Technical Evaluation

Added details requirements

Work and Technical Execution Matrix

Risk Determination (ALL)

Mission Alignment

Resource Planning

Enterprise Customer

Collaborative Approval

BA Meeting

Work Acquisition (No Re-assign)

**Demand Signals as of COB 17 FEB 2016**

Open Demand Signal 60 Day Trend (FTEs)

Un- adjudicated Demand Signals Awaiting Sourcing Decision

Re-assignment Demand Signals

Hiring Action Demand Signals

**Project Procurement Strategy Meetings as of 24 February 2016**

**PPSM**

Execution

Program Management

Information Warfare Capabilities



# Contracts

## *Disciplined Execution Matters*

# Contracting Improvement Initiatives



- ▼ First insert quality into the development of the PR
  - 2.0 Performing “Deep Dive” for reasons for FPY failure causing delays due to rework
  - Focus on repetitive areas of failures requiring additional training
  - Kickoff TOPQTEC Training March 2016
  
- ▼ Second build quality into the 2.0 review process to reduce rework and delays
  - Failures requiring rework are found by Contracting Officer during review
  - Contracting Officer accurately identifies areas of training and improvement for Contract Specialists

### Quality built into the 2.0 review Process:



Quality in helps with the quality out, resulting in more timely awards.



# Opportunity exists!

Information Warfare capability is key to Naval power;  
all domains are affected and cyber success is essential.



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

Web: <http://www.public.navy.mil/spawar/Atlantic> Facebook: <http://www.facebook.com/spaceandnavalwarfaresystemscommand>

Twitter: <http://twitter.com/SPAWARHQ> Employment opportunities: [www.USAJOBS.gov](http://www.USAJOBS.gov)

SPAWAR Small Business: <http://www.public.navy.mil/spawar/Pages/SmallBusiness.aspx>

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