Space and Naval Warfare Systems Center Atlantic
Enterprise Systems Department

Charleston Defense Contractors Association
48th Small Business & Industry Outreach Initiative
30 May 2018

Mr. Bruce Carter
SSC Atlantic
Enterprise Systems Department Head

Enterprise Systems Department
New Organizational Chart

ENTERPRISE SYSTEMS DEPARTMENT
Bruce Carter

Deputy
Brian Ratliff

Data Center and Cloud Hosting Services (DC2HS) Division
Teri-Lee Holland
Application Transition & Integration IPT
Application Hosting and Infrastructure IPT

Manpower, Personnel, Training, and Education (MPT&E) Systems Division
Mark Krause
Sea Warrior IPT
Navy Enterprise Service Desk IPT
Special Projects IPT

Enterprise Business Systems (EBS) Division
James Barr (A)
Navy Enterprise Business Solutions IPT
Navy Reserves Business Solutions IPT
Veterans Affairs (VA) IPT
Navy Maritime Maintenance Enterprise System – Technical Refresh (NMMES-TR) IPT

Infrastructure Systems (IS) Division
Cathy Young
Satellite Communications IPT
DISA Enterprise Services IPT
Special Networks IPT
Navy Enterprise Networks (NEN) IPT

Enterprise Systems Department Thrust Areas

▼ Enterprise Business Solutions (EBS) via Software as a Service (SaaS)

▼ Commercial Cloud Services

▼ Mobility & Mobile Application Design
**Description:** DC2HS Division is responsible for providing infrastructure hosting and sustainment services to support Department of the Defense strategic and operational objectives, Transition and Integration efforts to move systems from legacy data center sites to our environments, and for developing modernization initiatives to create more secure and commercial-ready systems. For all of the environments we provide services for, we also provide Enterprise Engineering, as well as required supporting services (Database, A&A, Cybersecurity, Audit Readiness, etc.)

**Total Gov’t ~ 93**  
**Total Contractors ~ 303**  
**Total Military ~ 5**
Overview:
The Hosting and Infrastructure IPT is responsible for providing infrastructure hosting and sustainment services to support Department of Defense (DoD) strategic and operational objectives.

The IPT currently offers three hosting environments; two Component Enterprise Data Centers (CHAS and NOLA) and a Navy Enterprise Disaster Recovery Center (NEDRC) in KC, as well as a pathway to commercial cloud platforms and associated services (AWS, Azure, etc).

SSC Atlantic Role:
- Two of the designated CEDCs are within SSC Atlantic with supporting services and engineering activities
- Operate NEDRC for all Enterprise DR Hosting
- Operate Millington Data Center (MDC) in support of N1 Transformation activities
- Enable and manage Commercial Cloud Environments for the DON DDCIO by providing Navy Cloud Access Point (CAP), Technical Cloud Brokerage (TCB), and AWS Hosted Shared Services for cloud customers
- Support modernization of infrastructure and new capabilities based on changing technologies utilizing a Core Engineering Team

Services and Projects:
- Co-Location within CEDCs
- Infrastructure as a Service (IAAS) for CEDCs
- Access to IAAS Cloud Service Providers (CSPs), via Navy CAP utilizing TCB and Shared Services
- Shared Services for CEDC and CSP customers

Transition and Integration IPT

Overview:
The Transition and Integration IPT is responsible for consolidating multiple Navy Information Systems into a approved Component Enterprise Data Centers (CEDC) or other Navy approved hosting environments.

N2/N6 eligible information systems are identified for transition by Data Center Applications and Optimization (DCAO) under PEO EIS.

Other Customer Funded (OCF) information systems are funded by different sponsors to consolidate applications into an approved hosting location.

SSC Atlantic Role:
- Virtualize existing Department of Navy information systems
- Improve the Navy’s cyber security posture by reducing the risk footprint from many system owner operated data centers to few an enterprise data centers
- Reduce personnel costs, decrease number of personnel required to operate legacy data centers, and increase the server to administrator ratio

Projects:
- N2N6 DCC Migrations
- OCF Migrations
- Close SD NEDC – migrating current SD NEDC applications to CEDCs or Cloud
- N1 NRC Migration to Cloud
- AWS Integration Automation

Manpower Personnel Training & Education (MPT&E) Division

Description:
Provides Engineering, Cybersecurity, Cloud Brokerage, Testing, and Program Management support across the System Development Life Cycle to Navy and MPT&E programs within PEO Enterprise Information Systems, and OPNAV N1 ED staff. Major Customers include PMW 240, PME 250, and OPNAV N1.

Operational Relevance:
Sustaining and modernizing Navy and MPT&E legacy software systems with a focus on the MPT&E Transformation to migrate over 200 legacy systems to a modern COTS solution and architecture. The Navy’s consolidation of over 90 Navy Help Desks (Navy Enterprise Service Desk) is new PMW-250 work transitioning from NAVAIR in May-Sept 2018.

MPT&E Division Head
Mark Krause

PMW 240 Seawarrior IPT
PMW 250/Special Projects IPT
Navy Enterprise Service Desk IPT

Total Gov’t ~200
Total Contractors ~350

Description:
The PMW 240 Integrated Product Team (IPT) provides integrated support to the Navy Program Executive Office for Enterprise Information Systems (PEO EIS) for Navy manpower, personnel, and distribution systems. Support includes sustainment, transformation, and modernization of more than 40 systems that support the sailor through career and life events.

Operational Relevance:
- Manpower Management
- Personnel & Pay Management
- Career Management
- Recruiting
- Drills
- Mobilization
- Readiness
- End Strength
- Distribution
- Order Writing
- Promotions
- Evaluations and Fitness
- Reports
- Retirements

Mainframe Production Support
Personnel Modernization
Pay Modernization

N1 Transformation
Training & Education
Change Management
BFM

Corporate Personnel
Career Management & Distribution
Manpower
NSIPS

PMW 240 IPT Lead

Total Gov’t ~129
Total Contractors ~350

**PEO EIS Special Projects IPT**

**Description:**
The PEO-EIS Special Projects IPT provides PMWs 240 and 250 system, software engineering, systems security engineering, RMF, acquisition, and full life cycle support commensurate with SSC Atlantic’s system engineering policies, standards and best practices. Typical products and deliverables produced by projects within this IPT include enterprise system development and procurement, information assurance accreditation, development of supporting SELC artifacts, development of acquisition life cycle artifacts, requirements engineering, and development of artifacts supporting the Business Process Reengineering (BPR) and Business Capability Lifecycle (BCL) processes.

**Operational Relevance:**
Work is aligned with SPAWAR Core Mission Areas, directly supports Naval Forces in Information Dominance achievement and are planned for Naval operations.

**Total Gov’t ~ 27**

- Department of the Navy (DON) Tasking, Records, and Consolidated Knowledge Enterprise Repository (TRACKER)
- Naval Justice Information System (NJIS)
- Risk Management Information (RMI)
- Talent Management System (TMS)
- Manpower, Personnel, Training, and Education (MPTE) Transformation
- PEO EIS Installation Planning Services
- PEO EIS Direct Engineering Support
- My Navy Career Center
- Navy Enterprise Service Desk
- Navy Mobility

Description:
Provides Engineering, Cybersecurity & Program Management support across the System Development Life Cycle to deliver enterprise systems to support the Navy, DoD, Air National Guard and other Federal Agencies. Major Customers include PMW 220, Command Navy Reserve Forces Command, NAVSUP, ASN/RDA, Navy History and Heritage Command, Air National Guard, NAVSEA, Navy War College, PMS 444 and the Department of Veteran Affairs.

Operational Relevance:
Enabling the Navy’s move toward business transparency and accountability across its major System Commands: NAVAIR, SPAWAR, NAVSUP, NAVSEA, ONR, and SSP while significantly reducing costs.
Navy Enterprise Business Solutions is part of the PEO/EIS organization and is responsible for providing development, implementation, sustainment, and operations support for key Navy enterprise business systems. Key systems include: Navy ERP, SLDCADA (ENTTR), and ePS.

Operational Relevance:
Enabling the Navy’s move toward business transparency and accountability across its major System Commands: NAVAIR, SPAWAR, NAVSUP, NAVSEA, ONR, and SSP while significantly reducing the cost of doing business.

Total Gov’t ~ 25
Total Contractors ~ 82
Navy Reserves Business Solutions IPT

Description:
Eight projects and thirteen funding sponsors in support of Financial, Personnel, Acquisition, Supply Chain, and Maintenance information systems. The collection of projects/platforms supported include client server, NEDC hosted portals (NOLA) and AWS Gov.

Operational Relevance:

NRBS IPT Lead

Total Gov’t ~ 25
Total Contractors ~ 33
Description:
Supports PMS 444 with the planning, acquisition, delivery and life cycle sustainment of the replacement shore maritime maintenance information technology solution that will enable the execution of ship maintenance and repair for the naval shipyards, intermediate maintenance facilities, regional maintenance centers, Trident Refit Facilities, Ship Repair Facilities, and other industrial activities worldwide.

Operational Relevance:
Supports Chief of Naval Operations depot level and Fleet intermediate level availabilities of aircraft carriers, submarines, and ships to meet national mission objectives.

Total Gov’t ~ 17

Description:
Provides program management, systems engineering, and information assurance (IA) services for VBMS, transitioning VA’s compensation claims processing from a paper-intensive environment to a secure, paperless-based environment. Leads the CEC IA Working Group for CEC, an ACAT I program under PEO/IWS6. Provides Assessment & Authorization support for multiple Naval War College networks leading to the issuance of their ATO. Providing initial analysis for DCMA/DFAS JPMO in effort to modernize MOCAS from Mainframe/COBOL technologies.

Operational Relevance:
Provides technical expertise in system engineering, cloud computing, SOA, Agile Development, system architecture and information assurance.
The IS Division provides “Best in Class” Engineering & Program Management to deliver increased capabilities while lowering costs across the DoD. Major customers include the Defense Information Systems Agency (DISA) Gateway Program Office and Teleport Program Office (TPO), Defense Intelligence Agency (DIA), US Army - Engineering Research & Development Center (ERDC), NAVIFOR, and PMW-205.

**Operational Relevance:**
Provide systems engineering, acquisition, and life cycle support to DISA and Joint Warfighters through the R&D, Test & Accreditation (T&A), production, fielding, and sustainment of Satellite Communications and C2 Enterprise Services infrastructure solutions.

**IS Division Head**
Cathy Young

**Total Gov’t ~ 132**
**Total Contractors ~ 61**
Description:
The SATCOM IPT is responsible for providing engineering and integration support for the development and evolution of the Enterprise Architecture.

Major Accomplishments and Systems:
- SATCOM Unified Net-Centric System (SUNS) (48 Sites)
- Enterprise SATCOM Gateway Modem (ESGM) with Management
- Quintech L-Band Switch
- Implementations of 19 Navy Multi-Band Terminals (AEHF) and 13 Modernization of Enterprise Terminals (MET)
- MUOS to Legacy Gateway Component and MUOS Voice gateway (SSC LANT lead); MUOS to DISN
- Facility CM (Hardware, Software, System Engineering, Site Surveys and Documentation) Central Repository
- Supporting Joint SATCOM community/warfighters including NAVSOC and NAVSPECWAR ground forces in remote theater locations with current and emerging technologies necessary to perform life saving operations with expanded access of live, real-time FMV over WGS and DISN/Teleport.
- Expansion of services to AFRICOM AOR in support of SOCOM Mission UAV Dissemination Requirements.

Total Gov’t ~ 31
Total Contractors ~ 40
Description:
The DES IPT provides engineering, software development, and technical resources to the DoD Joint community to enable the “edge user” to pull information from any available source with minimal latency to support net-centric operations. Enables decision-making superiority resulting in increased mission effectiveness and enhanced operational execution.

Operational Relevance:
DES IPT established a Joint Service Integration Lab which provides engineering, development, integration, testing, and experimentation of cyber, mobile and network solutions for both enterprise and tactical applications.

**Total Gov’t ~ 25**  
**Total Contractors ~ 6**  
**FY18 TOA: $7.8 M**
Special Networks IPT

Description:
- JWICS is the Department of Defense (DoD) Intelligence Community (IC) Backbone Network serving as the TOP SECRET/SCI component of the Department of Defense Information Enterprise (DoD IE). JWICS supports the real-time dissemination of IC work products to DoD and Federated customers. JWICS acts to connect members of the IC and provides unified secure communications to members of the IC, Warfighters, and the National Command Authority.
- The Navy Special Compartmented Information/Compartmented Access Program (SCI/CAP) Program provides support to PEO Enterprise Information Systems (PEO EIS) to determine reference architectures and technical refresh/sustainment for the Navy’s intelligence networks.
- HPCMP/DREN provides networking abilities to share cutting edge science and technology, supercomputing, test and evaluation, and acquisition engineering capabilities to address the Navy and DoD’s most significant challenges and mission objective.

Operational Relevance:
• JWICS provides TOP SECRET / SCI communications to the Warfighter, National Command Authority and Federated users.
• Supports Joint Intelligence communications and operations in accordance with Director National Intelligence (DNI) Instructions.

Total Gov’t ~ 27
Total Contractors ~ 15
PMW 205 IPT

Description:
The PMW 205 IPT provides engineering, logistics and acquisition project management expertise to assist the Naval Enterprise Network (NEN) program office in delivering enterprise-wide CONUS and OCONUS network services.

Operational Relevance:
NEN manages the Department of Navy's primary shore-based networks, to include: Navy and Marine Corps Intranet (NMCI), ONE-Net and Piers Connectivity.
TD Role and Priorities

**TD Role**
- Ensure PEO EIS portfolio is integrated and aligned to DON-directed capabilities
- Develop technical strategies, roadmaps and implementation guidance
- Develop and maintain effective relationships across Navy, DoD and Industry to advance PEO EIS and SPAWAR strategic goals
- Serve as the senior technical leader for enterprise networks, business and fleet support IT for the Department of the Navy as a Senior Scientific Technical Manager at Space and Naval Warfare Systems Center Atlantic

**Cloud Office Announcement**
- Navy Commercial Cloud Services (NCCS) Project Office, Led by Travis Methvin
- TD will maintain executive oversight of cloud activities

**Immediate Focus**
- 30/60/90 Day Plan

**Long-Term Focus**
- Strategies and Roadmaps
- Industry Engagement Process
- Tech Insertion Speed – Agile Acquisition

**SPAWAR HQ Strategy**
- Strategic Goal #1 – Digitize Our Navy

---

TD Focus Areas

- Multi-cloud
- Automation
- Network Modernization
- Mobility
- Enterprise Identity and IdAM
- Network Awareness
- Data Modernization
Closing Comments

Questions?