



Program Executive Office
Command, Control, Communications,
Computers, Intelligence and Space
Systems (PEO C4I and Space Systems)

Cybersecurity Program Office (PMW 130) Update at NDIA Fall Forum

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*Deliver threat-based C4I and space capabilities to enable
the fleet to compete, deter and win – tonight*





Agenda

- PMW 130 Introduction
- What Keeps Me Up at Night
- Potential Contracting Opportunities
- #GPOD



PMW 130 Introduction

- Our **vision** is to predict, protect, detect, and react to cyber threats for a secure maritime enterprise
- Our **mission** is to enable Information Warfare through implementation of a fully integrated architecture providing confidentiality, integrity, and availability of capabilities through innovative acquisition of maritime cybersecurity products
- Our new name and logo





The Navy's Cybersecurity Program Office (PMW 130)



- **Crypto and Key Management**
 - Key Management: Key Management Infrastructure (KMI), Simple Key Loader (SKL), Tactical Key Loader (TKL)
 - Data and Voice Cryptography (Modernization and Legacy)
 - Secure Voice: Tactical Shore Gateway (TSG)
 - Public Key Infrastructure (PKI)
- **Network Security**
 - Endpoint Security
 - Computer Network Defense (CND)
 - SHARKCAGE (Defensive Cyber Operations (DCO) enclave) / CND Deployer Toolkit (CDT)
- **Cyber Analytics**
 - Vulnerability and Remediation Asset Manager (VRAM)
 - Navy Cyber Situational Awareness (NCSA)
 - Navy Commander's Cyber Dashboard (NCCD)
 - Readiness Analytics and Visualization Environment (RAVEN)
 - Counter Insider Threat Capability (CITC)
 - Navy's Cross Domain Solution (CDS): Radiant Mercury



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What Keeps Me Up At Night

- Quantum Computing
- Worldwide Out-of-Band (OOB) Management Grid for U.S. Navy
 - Alignment with the Integrated Navy Operations Command and Control System (INOCCS) Framework
- Cross Domain Solutions
- Situational Awareness
 - Cyber
 - Vulnerability
- Cyber Metrics
 - Vulnerabilities per Asset (VPA)
 - Common Vulnerability Scoring System (CVSS)
 - Damage Potential (Risk)
- Comprehensive Supply Chain Risk Management Process
- Funding
- Pace of Change
- Engage



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Potential Contracting Opportunities



- SHARKCAGE

- Globally distributed, passive, isolated, and cryptographically separated collection of classified information systems that support the U.S. Navy's Defensive Cyberspace Operations – Internal Defensive Measures (DCO-IDM) missions
- Completed review of 17 RFI responses
- RFP tentatively planned for Q2FY21
 - Establish a single integrated modular solution scalable for both ashore and afloat operational support platforms
 - Address an enterprise solution across all mission enclaves
 - Alignment with INOCCS Framework

- VRAM

- COTS solution to provide a web-enabled network vulnerability data repository, asset management, monitoring, and analysis tool and serve as the Navy's authoritative Cyber Directive compliance reporting tool
- Completed review of 14 RFI responses; in process of completing a COTS alternatives market research report

- PMW 130 Cybersecurity Engineering, Technical and Program Management Support Services

- Planned contract award 2QFY22



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The GPOD Pledge

- My Job #1 is to “support” the Fleet. [This has many different meanings depending on your roles and responsibilities – but it all ties back to Job #1].
- I will work to eliminate “speed bumps” keeping me from delivering product and will report up my chain of command anything hindering me from delivering my product.

#GPOD

- I will do my absolute best to deliver product – on time and on budget.
- If I need additional resources to deliver product on time and on budget, I will ask for them.
- I will think of [legal] new and different ways to ensure on time and on budget delivery of product – ***I will be innovative!***
- ***When I make a commitment, I keep that commitment.***

GET PRODUCT OUT DOOR



Accelerated delivery of required capability that is affordable, integrated, and interoperable