



SPAWAR: The Navy's Information Dominance Systems Command

16 November 2010

Presented to:
Charleston Defense Contractor
Association

Rear Admiral Pat Brady
Commander,
Space and Naval Warfare System Command



What is Information Dominance?

▼ CNO's Vision

- Navy is **prominent and dominant** in the fields of ISR, Cyber Warfare, C2, Information & Knowledge Management
- **Information** becomes a **main battery** of US Navy warfighting capability
- **Warfighting wholeness** replaces sub-optimal stovepipes

▼ Navy's Information Transformation

- Every platform carrying multiple sensors
- Every sensor and processor adaptively connected to the network
- Create a world class Information Dominance Corps
- Every shooter and weapon must be capable of seamlessly using target data derived from any collector or sensor

"We will seek out and embrace game-changers and innovative solutions to current and future challenges, especially at the left end of the kill chain."

- CNO Guidance for 2009



Organizational Changes Taken to Facilitate the Information Dominance Vision

▼ OPNAV N2/6

- June 2009: Combined the Office of the Director of Naval Intelligence (N2) & the Office of the Deputy Chief of Naval Operations for Communication Networks (N6)

▼ 10th Fleet / FLTCYBERCOM

- 1942: Submarine threat
- 2009: Cyberspace threat

▼ CYBER FORCE

- Jan 2010: Type commander for cryptology, signals intelligence, cyber, electronic warfare, information operations, intelligence, networks and space disciplines

▼ NETWARCOM

- 2002: Network and space operations in support of naval forces afloat and ashore
- 2009: Operate and defend the Navy's portion of the Global Information Grid

A synergistic approach to achieving Information Dominance



CNO's Direction to SPAWAR

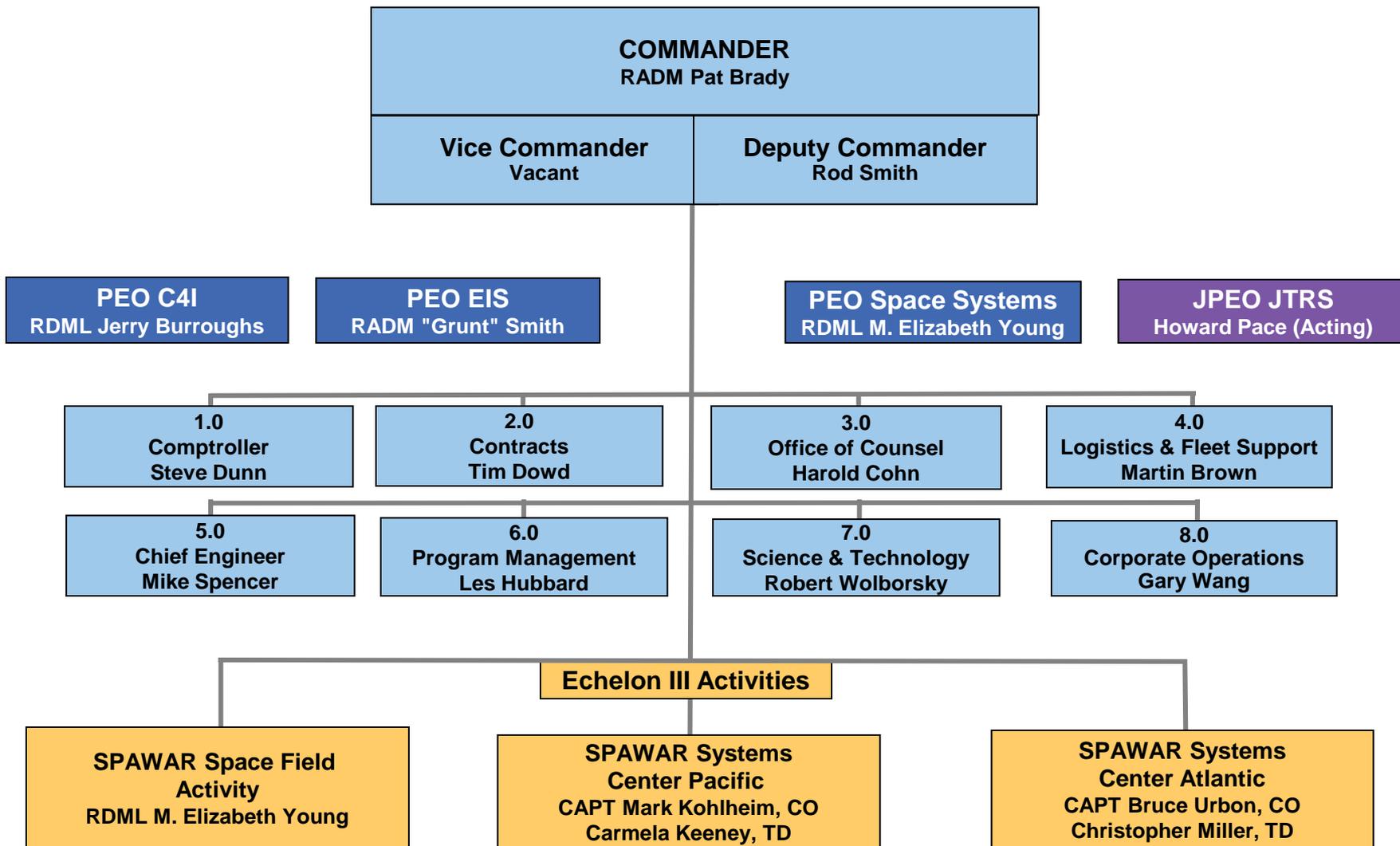
- ▼ Streamline responsibilities for C4I systems across SYSCOMs to reduce cost and improve interoperability
- ▼ C4I systems maintenance and modernization
- ▼ Improve speed and agility in transitioning new technologies to the Fleet
- ▼ Alignment with OPNAV N2/6 and FLTCYBERCOM/ TENTH FLEET requirements
- ▼ Most effectively and efficiently accomplish our mission
- ▼ SPAWAR and Information Corps acquisition leadership

"SPAWAR should fully realize its role as the Navy's Information Dominance System Command"

Admiral Gary Roughead



Who is Team SPAWAR?





Focus on Execution and Results

▼ Focus on execution and results

- Toward the Fleet
- Technical and acquisition command that will make the Navy's Information Dominance vision a reality

▼ Vision

- No seams in Team SPAWAR
- Efficiency from a larger Navy point of view
- We are the Navy's Information Dominance Systems Command

Provide the Warfighter the tools to succeed



Team SPAWAR Focus Areas

- ▼ **Getting Navy Program of Record C4I Systems on New Construction Platforms**
 - Work with NAVSEA/platform PEOs to get Navy Program of Record C4I systems on new construction platforms
 - Cost-effectively transfer in-service support of existing contractor furnished C4I systems to our in-service support organizations
- ▼ **C4I System Maintenance and Modernization Improvements**
 - Eliminate seams between NAVSEA's RMCs and SPAWAR's ISEAs in order to close C4I CASREPs quicker
 - Drumbeat established to track our execution initiatives to improve quality performance and lower installation costs
- ▼ **C4I Governance and Technical Authority**
 - Integrated SYSCOM technical authority structure supporting holistic C5ISR systems development and platform/interoperability certification
- ▼ **SSC Alignment with 10th Fleet Operational Initiatives**
 - Developed an exercise to test the ability to more rapidly conduct software patch updates to afloat networks
 - Proposing common approaches that could be used across our networks to achieve network visibility and instrumentation, computer network defense, and network response
- ▼ **Instilling a Culture of Efficiency from a Larger Navy Point of View**
 - Issued standard efficiency performance objectives to all members of Team SPAWAR
 - Evaluated Work Shaping and Acceptance processes for non-Navy projects



Thoughts for Industry

- ▼ Operational Excellence of Fleet more important than just chasing unique technical solutions
- ▼ Need to be able to field solutions rapidly throughout the Fleet
- ▼ System of Systems Engineering
- ▼ Can't afford ten systems/solutions that do the same thing
- ▼ Technology that improves the speed and accuracy of testing and certification

$$\text{Value of Modernization} = \text{Capability} \times \text{Reliability} \times \text{Operational Proficiency}$$



TEAM

SPAWAR

®



Facebook: facebook.com/spaceandnavalwarfaresystemscommand

Twitter: twitter.com/SPAWARHQ

Youtube: youtube.com/user/TEAMSPAWAR



Back-up



Locations





How Does SPAWAR Fit into the Navy's Structure?

