



# SPAWAR:

# The Navy's Information Dominance Systems Command

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Presented to:  
**CommNexus**  
**Military Special Interest Group**

**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

- ▼ **Office of Chief of Naval Operations (OPNAV) N2/6**
  - June 2009: Combined Intelligence and Communications on the Navy staff
- ▼ **10<sup>th</sup> Fleet / U.S. Fleet Cyber Command (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
- ▼ **Naval Network Warfare Command (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



# 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
- ▼ C4I System Maintenance and Modernization Improvements
- ▼ C4I Governance and Technical Authority
- ▼ SSC Alignment with 10<sup>th</sup> Fleet Operational Initiatives
- ▼ Instilling a Culture of Efficiency from a Larger Navy Point of View

Efficiency from a Larger Navy Point of View



# 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 - Interoperability
- ▼ 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***

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# ***SPAWAR***

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