

SPAWAR



NDIA

NATIONAL DEFENSE INDUSTRIAL ASSOCIATION

NDIA



Welcome to the SPAWAR / Industry Executive Network

27 September 2004
Admiral Kidd Conference Center



Today's Agenda

Kick off

Jim Lasswell

Opening Remarks

RADM Slaght

SPAWAR Realignment

Scott Randall

PEO Reorganization

CAPT Mowery

FORCEnet Update

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Contracting Update

CAPT Lowndes

Q & A

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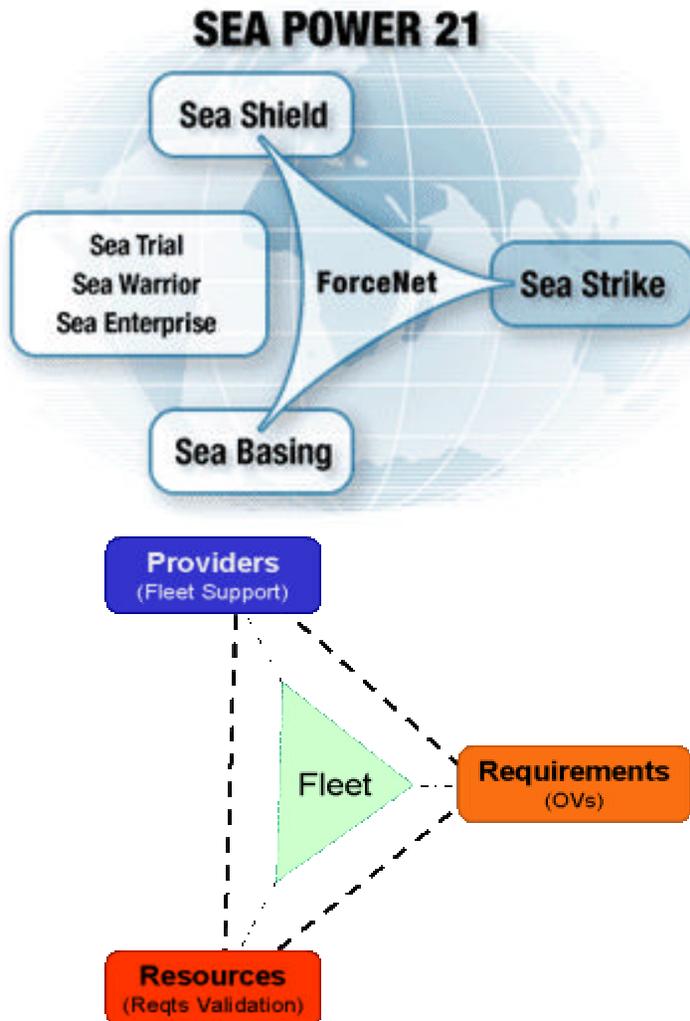
Q & A

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Our Mission

We deliver
FORCEnet
to the Joint Warfighter through the
DEVELOPMENT,
ACQUISITION,
and
LIFE CYCLE SUPPORT
of effective, capable and
integrated command, control
communication, computer,
intelligence, surveillance and
reconnaissance,
Information Technology,
and space systems.





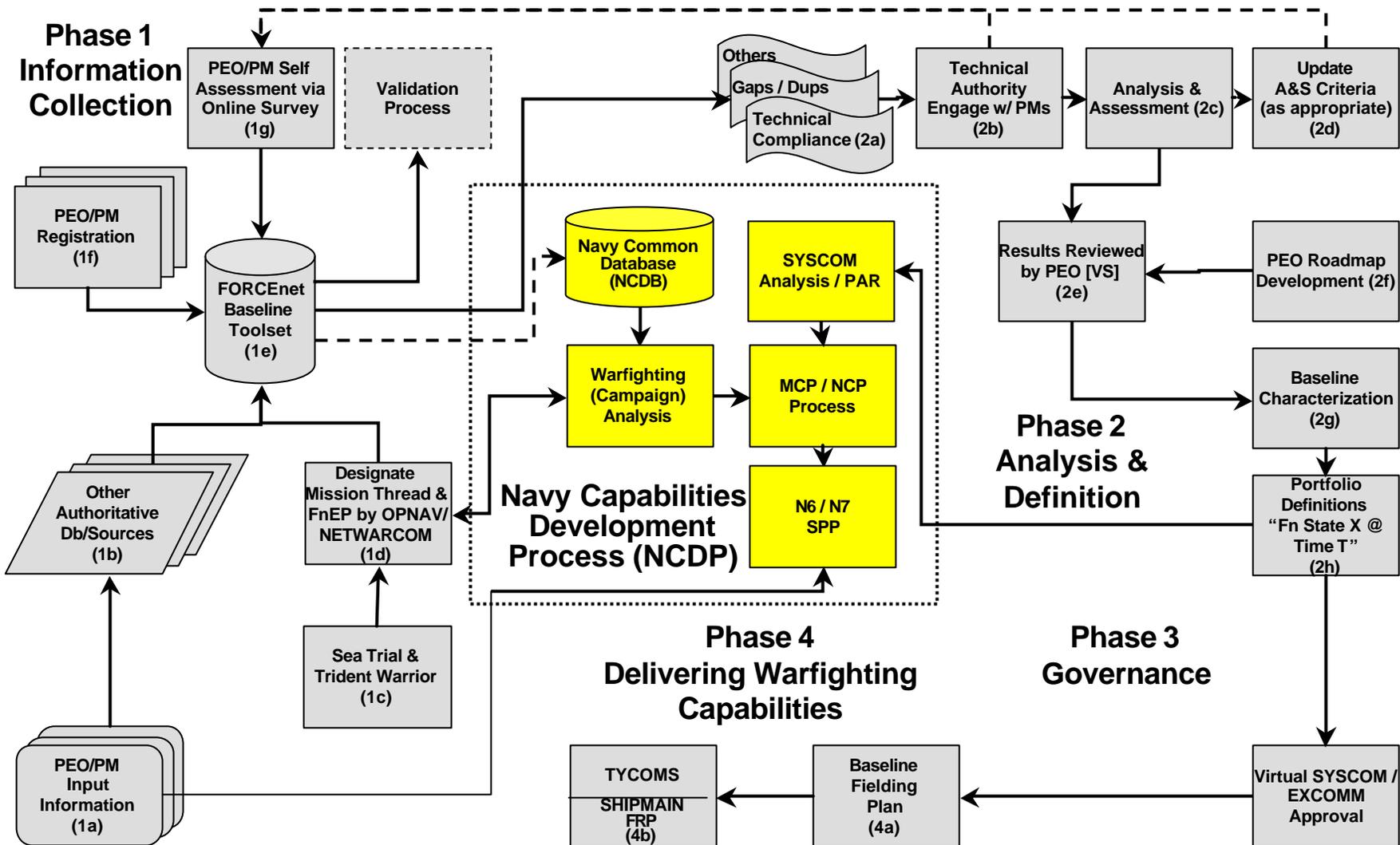
Challenging Our Assumptions

- **FORCEnet as a bumper sticker**
 - “Transforming information into decisive effects”
- **FORCEnet as a concept**
 - SSG definition
 - NETWARCOM Functional Concept
 - NETWARCOM OVs
- **FORCEnet as an entity**
 - Architectures / Roadmaps
 - FnIBL
- **FORCEnet Domains**
 - Navy tactical C4ISR +
 - Joint
 - Coalition / Multi-national
 - Interagency
 - Navy non-tactical (business)



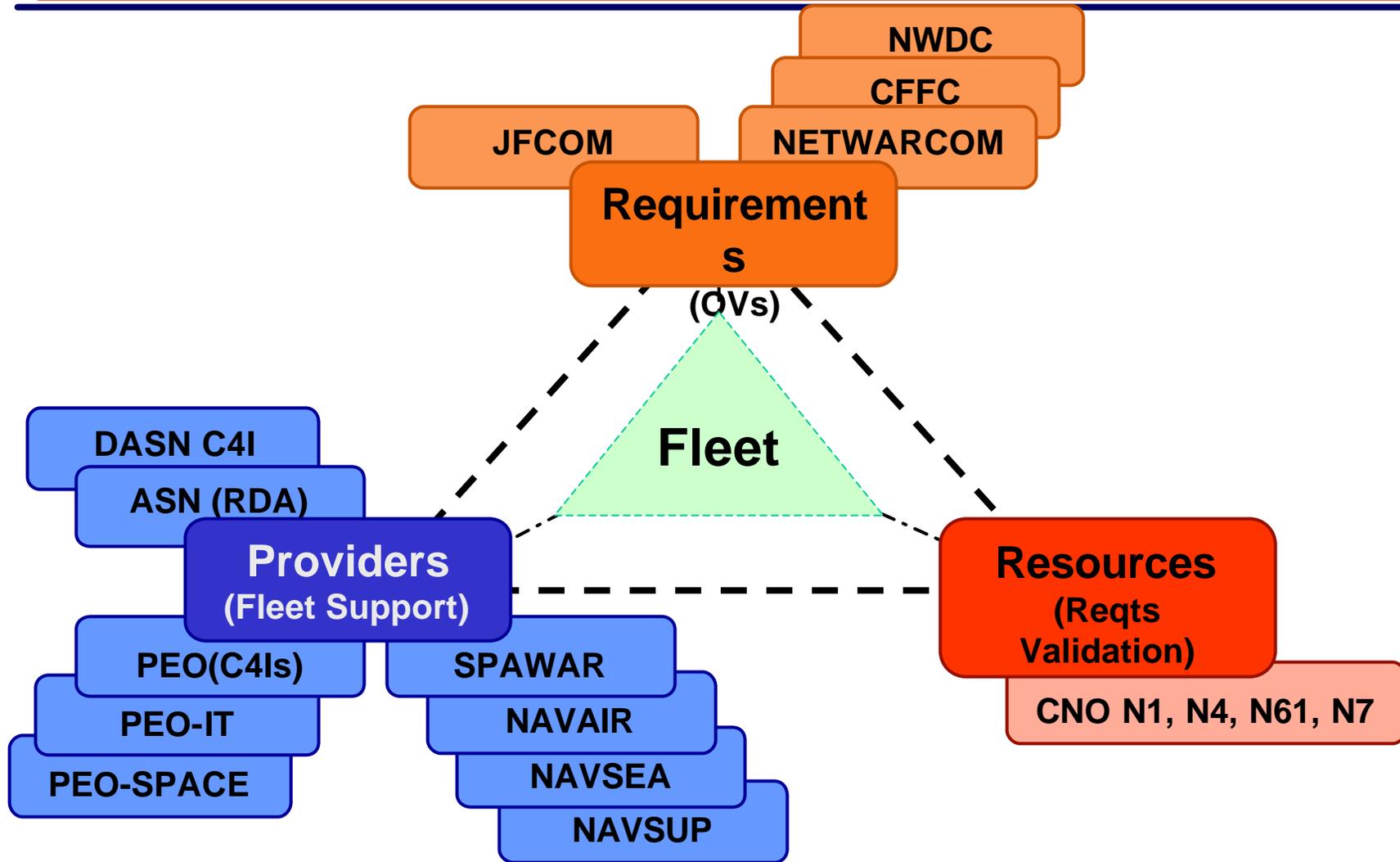


FORCEnet Implementation Process w/ NCDP Proposed Baseline 1.2





Team FORCEnet



The Navy's partnership for transforming information into decisive effects



Problem Statement

- **We have a non-traditional, huge scale problem**
- **We have attacked it with a “traditional” approach**
- **The “world” is waiting.....**
- **We should be leveraging \$6B in investment vs \$30M**
- **We should be leveraging nearly 12000 talented people vs 150**
- **We should be leveraging our detailed knowledge of ?? programs of the 400+ in the FnIBL**



Organization Strategy

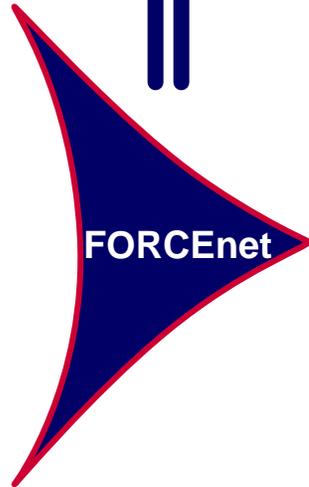
“Our Reason for Being”

“Our Organizational Model”

Fully Netted Force



Fully Netted Resources



“Align to”
Virtual SYSCOM



Critical Capability in Competency + *Efficient Business Operations* = **Success**



**netCentric Organization:
Product, Competency &
Customer Aligned**

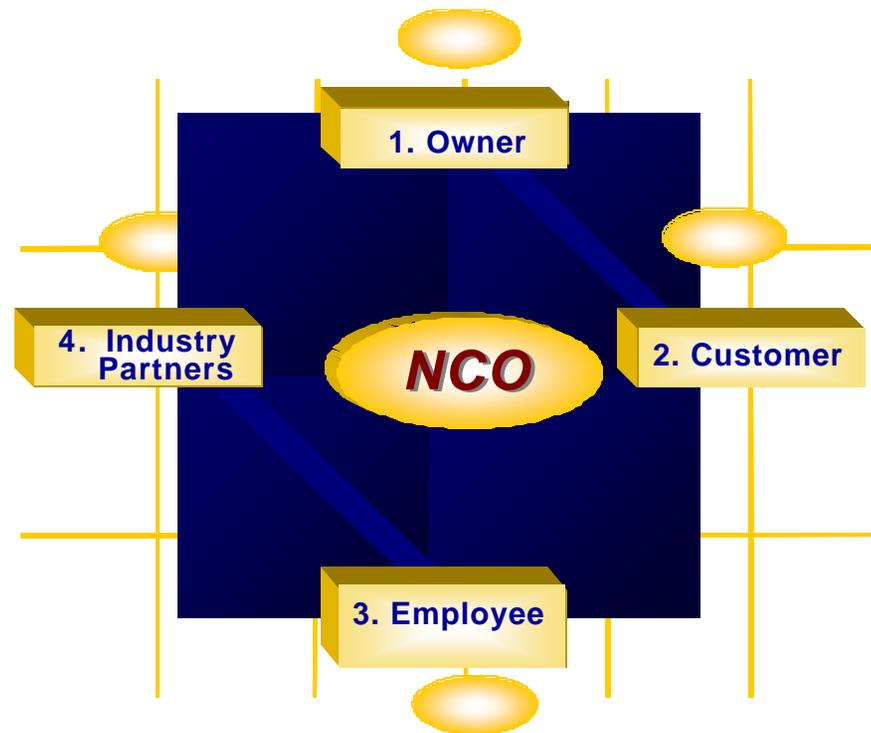
	TD C2		TD Comms		TD ISR/IO		TD Business IT			
	Rich Jaffee	Kevin McGee	Don Endicott	Charlie Adams	Carmela Keeney	Jerry Koenig	Mike Fuller	Dennis Pigg		
	S&T	Dev Eng	Acq Eng	Deploy	Sustain	S&T	Dev Eng	Acq Eng	Deploy	Sustain

Engineering Transformation	SSCSD D210	S&T							
		R&D							
	Jim Kadane	Systems Engineering							
	Phil Charles	Assessment & Systems Integration							
	Tom Higbee	Testing & Evaluation							
		HSI							
	Jeff Klein	Logistics Mgt/Material Support							
		Installations							
	Harold Cohn	ISEA							
		Legal							
Business Transformation	Sarah Lamade	CIO / IT / NMCI / ERP							
	R. Copeland	Corp Comms / PAO							
	Tim Dowd	Contracts Management							
	Steve Dunn	Financial Management	SSC San Diego	SSC Charleston	SSC San Diego	SSC Charleston	SSC Norfolk	SSC New Orleans	
	M. Malowney	Human Capital Planning							
	Best Athlete	Business Area Mgt/CRM							
	Bob Dunlap	Corporate Operations							



Four Views of a netCentric Organization

- **Owners View – Navy / CNO**
 - Adaptability & Agility
 - Virtual Integration
 - Collaboration & Synchronization
 - Sense & Respond
 - Culture of ROI
- **Customers View**
 - Organized Accessibility
 - Account Management
 - Adaptability & Agility
 - Sense & Respond
 - Accelerated Innovation & Experimentation
- **Employees View**
 - On the Net
 - People
 - Processes
 - Managerial Structure
 - Information & Knowledge
 - Decision Making
 - Rewards
- **Industry Partners View**
 - Accessible
 - Opportunities
 - Requirements
 - Metrics
 - Tighter Integration





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Program Executive Office C4I and Space

Internal Reorganization Information Brief

27 September 2004
CAPT Jarratt Mowery
(619) 524-7651
Jarratt.mowery@navy.mil

PEO C4I & SPACE



Purpose

- ❖ **Articulate reasons behind internal reorganization**
- ❖ **Describe new organizational structure**
- ❖ **Answer your questions**



Major Improvements Sought

- ❖ **Focus on capabilities vice products**
 - Align to DoN vision of a networked Force
 - Align with Fleet, OPNAV and POM Process
- ❖ **Become C4I provider for new platforms**
 - Currently do fleet modernization almost exclusively
 - Platform solutions sub-optimal in interoperability and sustainability
 - Improve commonality
- ❖ **Become even more efficient**
 - Divest any product lines not in our core expertise
 - Consolidate commodity acquisition (PCs, routers, antennas)
 - Reduce organizational infrastructure
- ❖ **Align to PEO C4I Roadmap**
 - Positioned to implement C4I portion of FORCEnet



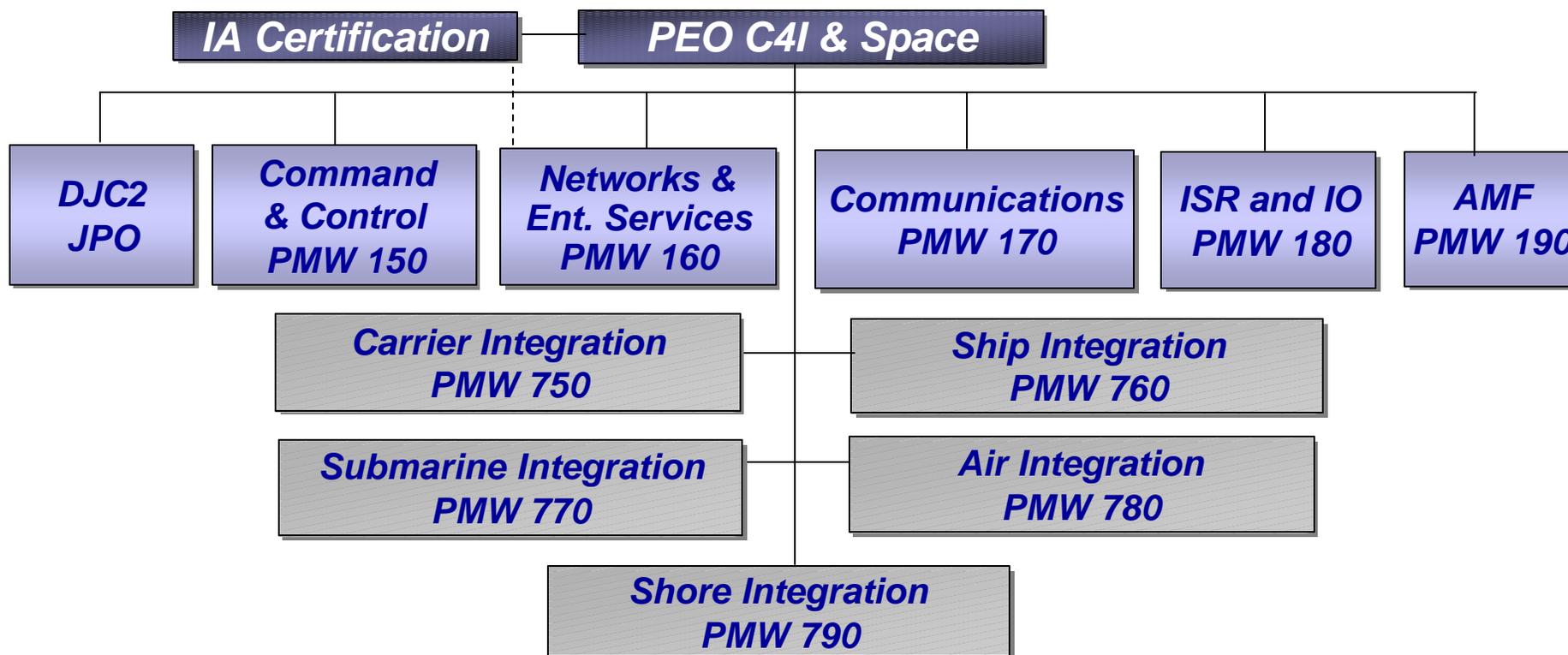
Additional Objectives

- ❖ **Give Fleet entities a single C4I POC**
 - Platform specific (vice box specific)
- ❖ **Align with Joint Program Offices**
 - JC2, JTRS, DCGS, etc
- ❖ **Honor external imperatives with Resource Sponsors, other PEO's and stakeholders**
 - Align with CNO/NNWC to better execute FORCEnet
 - Align with platform PEOs
 - Align with affected communities
- ❖ **Continue improvement in acquisition processes and professionalism**
 - Lead system integrator for C4I capabilities



New Organizational Structure

Functional/Platform Hybrid



Functional PMs responsible for product development and sustainment.

Platform PMs are responsible for Integration to the platforms, primary fleet POCs, Installation, and accelerated delivery of the C4I capabilities to platforms (through platform sponsors and new ship construction).



Command and Control PMW 150

- ❖ Provides Joint C2 solutions including Targeting support, Chem/Bio Indications and Warnings, and Logistics support
- ❖ Integrates real-time (CTP) and near real-time (COP) tactical pictures
 - Interfaces with Open Architecture/SIAP

Significant Programs:

- *Global Command and Control System – Maritime (GCCS-M)*
- *Navy Tactical Command Support System (NTCSS)*
- *Command and Control Processor / Common Data Link Management System (C2P/CDLMS)*
- *Common Link Integration Processing (CLIP)*
- *Dynamic Network Management (DNM)*
- *Joint Warning and Reporting System (JWARN)*
- *Joint Translator Forwarder (JXF)*
- *Link-16, Link-11*
- *MIDS On Ship*
- *Next Gen Terminal*
- *TBMCS (Afloat/Ashore)*
- *TMIP-M*



Networks and Enterprise Services

PMW 160

- ❖ Provides all common Network services and commodities used by multiple programs
- ❖ Consolidates Network services in all classification domains to support cross-domain and coalition operations

Significant Programs:

- *Integrated Shipboard Network System (ISNS)*
- *Defense Messaging System (DMS)*
- *Advanced Distributed Network System (ADNS)*
- *Navigation Sensor System Interface (NAVSSI)*
- *Battle Force Email (BFEM)*
- *Combined Enterprise Regional Information Exchange System (CENTRIXS)*
- *Cryptographic Programs (Crypto Programs)*
- *SUBLAN*
- *SCI Networks*
- *Voice over IP (VOIP/Phones)*
- *PC Buys/Integration*
- *Computer Network Defense*
- *KMI/PKI*



Communications PMW 170

- ❖ Provides all radios, terminals, and antennas (not including AMF Radio)
- ❖ Single C4I communications integrator for PEO C4I & Space

Significant Programs:

- *Super High Frequency (SHF)*
- *Transformational Communications (TC)*
- *Global Broadcast System (GBS)*
- *Environmental Satellite Data Receiver & Processor Systems (SMQ-11/FMQ-17)*
- *Advanced Extremely High Frequency / Navy Multiband Terminal (AEHF/NMT)*
- *Commercial Wideband Satellite Program (CWSP)*
- *International Marine/Maritime Satellite (INMARSAT)*
- *Portable Radios*
- *Navigation Warfare (NAVWAR)*
- *Global Positioning System Receivers (GPS Receivers (WRN-6))*
- *Common Data Link-Navy / Common High Bandwidth Data Link (CDL-N/CHBDL)*



ISR and IO PMW 180

- ❖ **Consolidates all ISR functionality within PEO C4I to provide a better multi-INT capability within product lines**
- ❖ **Includes METOC support services**

Significant Programs:

- ***Ships Signal Exploitation Equipment***
- ***Battle Group Passive Horizon Extension System - Surface Terminal (BGPHEs-ST)***
- ***Cryptologic Unified Build (CUB)***
- ***Cryptologic Carry-On***
- ***Integrated Imagery and Intelligence (I³)***
- ***Combat Direction Finder / Cryptologic Carry-On Program (CDF/CCOP)***
- ***GALE Lite / Electronic Intelligence (GALE Lite / ELINT)***
- ***Near Real Time Intelligence (NRTI)***
- ***Shipboard Meteorological and Oceanographic Observing System (SMOOS)***
- ***Naval Tactical Integrated Environmental Support System (NITES)***
- ***Naval Information Warfare Activity (NIWA) - Computer Network Attack (CNA)***
- ***Marine Corps Meteorological Mobile Facility (Replacement) (METMF-R)***
- ***Ships Signals Exploitation Equipment***
- ***Tactical Exploitation of National Capabilities (TENCAP)***
- ***Meteorology and Oceanography (METOC)***



AMF/JTRS PMW 190

- ❖ **Current AMF JTRS PM (rotates to AF PEO)**
- ❖ **Provides common and service-specific ancillary equipment**

Significant Programs:

- ***Joint tactical Radio System (JTRS)***
- ***AMF Common***
- ***AMF AF Ancillaries***
- ***AMF Navy Ancillaries***



Carriers Integration PMW 750

- ❖ **Delivers integrated C4I suites to Carriers and Command ships, and new construction platforms**

Significant Programs:

- ***CVN-21***
- ***CVN 77 (Radio Room Automation)***
- ***Antenna Transition Engineering***



Surface Ship Integration PMW 760

- ❖ Develops common radio room for surface platforms
- ❖ Integrates surface-unique capabilities (e.g. Assured IP)
- ❖ Delivers integrated C4I suites to modernization and new construction platforms

Significant Programs:

- *DDX*
- *LPD-17*
- *LCS*
- *High Speed Vessel*
- *BGSATCOM (OTCIXS/TADIXS)*
- *Joint Network Management System (JNMS)*
- *JTRS Service Integration Kits*



Submarine Integration PMW 770

- ❖ **Develops submarine-specific systems (e.g. ECARP)**
- ❖ **Delivers integrated C4I suites to modernization and new construction platforms**

Significant Programs:

- ***Common Submarine Radio Room (CSRR)***
- ***Multi-Function Mast (BRC Multi-Function Mast)***
- ***Very Low Frequency Ashore Lifetime Upkeep Effort (VALUE)***
- ***Submarine Messaging (Sub Messaging)***
- ***Submarine High Data Rate Antenna System (Sub HDR)***
- ***Trident Internet Protocol (Trident IP)***
- ***ELF Communications Ashore Robustness Program (ECARP)***
- ***Tactical Integrated Digital System (TIDS)***
- ***Submarine Broadcast (Sub Broadcast)***
- ***Communications at Speed and Depth (Comms @ Speed and Depth)***



Air Integration PMW 780

- ❖ **Develops airborne-unique networking capabilities**
- ❖ **Delivers integrated C4I suites to airborne platforms**
- ❖ **Hosts the MIDS International Program Office (MIDS-IPO)**

Significant Programs:

- ***Multifunctional Information Distribution System / Joint Tactical Radio System (MIDS-JTRS)***
- ***MIDS F/A-18***
- ***MIDS LVT***
- ***MULTS***
- ***Global Command and Control System – Tactical/Mobile (GCCS-M Tac/Mobile)***
- ***Hawkeye 2000 (E2K)***
- ***NATO Integrated Link-11 (NILE)***
- ***Taiwan Po Sheng***



Shore Integration PMW 790

- ❖ Integrates shore network solutions with major afloat platforms
- ❖ Delivers integrated C4I suites to modernization platforms

Significant Programs:

- *Tactical Switching*
- *Network Operations Center (NOC)*
- *Mobile Inshore Undersea Warfare (MIUW)*
- *Base Level Information Infrastructure (BLII)*
- *Teleport*
- *Telephony*
- *Joint (UHF) MILSATCOM Network Integrated Control System (JMINI)*



Rightsizing

❖ Reduction in Number of Program Offices

- **Proposed reduction from 14 to 11**
 - Reduced Program Manager/Deputy Program Manager requirement (4 each)
 - Reduced Business Financial Manager requirement

❖ Increased Platform focus necessitates:

- Increase in number of personnel located with platform focused Program Executive Offices
- Increase in number of Financial, Management and Technical specialists required to facilitate Platform based planning and execution functions

Net Personnel Effect of PEO Proposed Internal Realignment - None



Summary

- ❖ **Organization is Capability based**
- ❖ **Builds on PEO C4I and Space Roadmap**
- ❖ **Increases our ability to deliver solutions to new construction platforms.**



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Outline

- **Multiple Services Acquisition**
- **Contract Management Process Guide**
- **Seaport Enhanced**



Multiple Services Acquisition (MSA)



Services Contracting Acquisition Strategy

- 1998 - 45 contracts
- 1999 - PMTO (5 contracts)
- 2001 - NDAA instituted preference toward performance-based contracts
- 2002 - NDAA instituted preference toward multiple award contracts
- 2003 - Develop PMTO follow-on strategy
- 2004 - Multiple Services Acquisition awarded



MSA (cont'd)

- **Performance Based Services Acquisition (PBSA) Support Services contract awarded 25 May 2004 to:**
 - **Government Contract Consultants (GCC)**
- **Single Award for Enterprise-breadth services awarded 6 August 2004 to:**
 - **Booz-Allen Hamilton (BAH)**
- **Multiple Award Contract for PM/PMW specific services awarded 6 August 2004 to:**
 - **Anteon Corporation**
 - **Booz-Allen Hamilton (BAH)**
 - **Maxim Systems**
 - **Science Applications International Corporation (SAIC)**



MSA (cont'd)

- **Small Business Multiple Award Contracts for Engineering, Logistics, Installation, Test and Evaluation (ELITE) awarded 2 September 2004 to:**
 - **Epsilon Systems**
 - **INDUS Technology, Inc**
 - **Ocean Systems Engineering Corporation (OSEC)**
 - **Space & C4I Associates, Inc**
 - **SYS Technologies, Inc**
 - **Tele-Consultants, Inc (TCI)**
 - **Tri Star Engineering, Inc**



Contract Management Process Guide (CMPG)

- **Why is a process guide needed?**
 - **SPAWAR 02:**
 - ✓ 44% increase in workload
 - ✓ 15% reduction in personnel
 - ✓ 450 hrs of uncompensated overtime per month
 - **Concern:**
 - ✓ Contract quality, rework, turnover of acquisition personnel outside 02
 - ✓ 02's ability to meet future planned milestones



CMPG

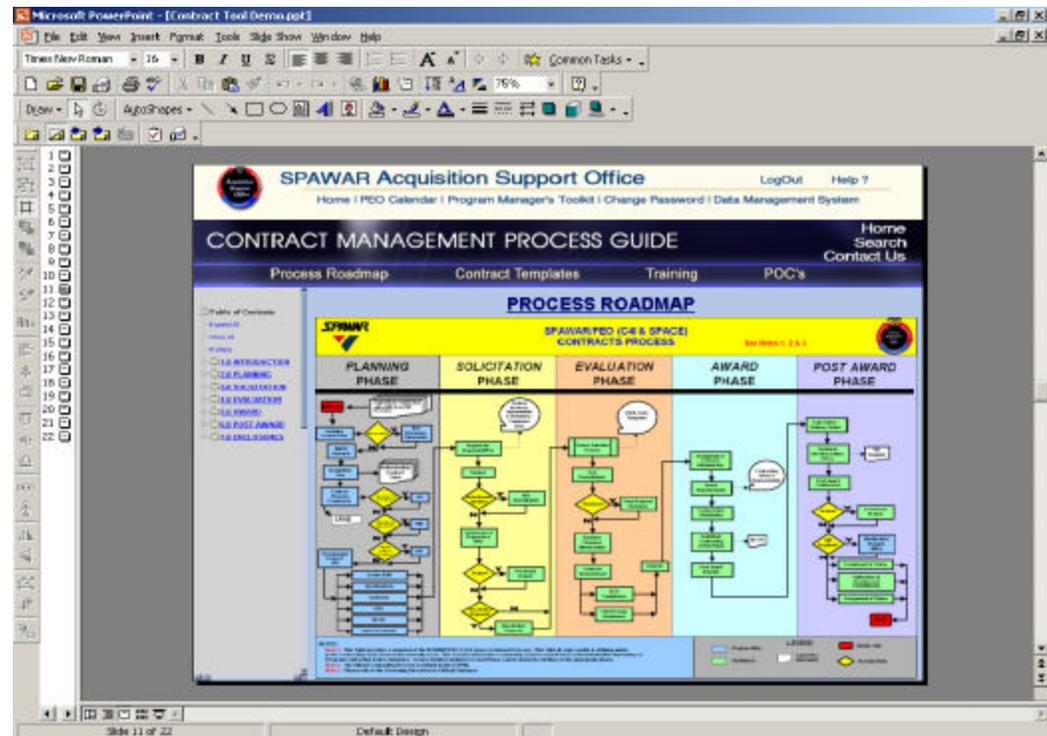
- **Quality/completeness of tech packages**
 - **Team of experts**
 - **PEO Policy for CPCs**
 - **Just-in-time training**
- **Skill/experience level of source selection teams**
 - **Team of experts**
 - **Just-in-time training**
- **Quality of funding documents**
 - **Training of contract specialists and program office personnel**
- **Automation enhancements**
 - **Assess existing tools**
 - **Contract Process Guide**
 - **Workload forecasting using ASO database**

How do we create effective business plans that address human resourcing?



CMPG (cont'd)

- Chronologically organized
 - Planning
 - Solicitation
 - Evaluation
 - Award
 - Post Award
- Web-enabled
- Process flowcharts
- FAQs, Lessons Learned, links





Other associated initiatives

- **Re-emphasize Contract Planning Conferences (CPCs)**
 - SPAWAR established CPCs in early 90s for procurements > \$1 M
 - Not consistently used
 - New CPC policy signed by Mr. Dennis Bauman on 23 March 04



CMPG (cont'd)

Improve contracting process training

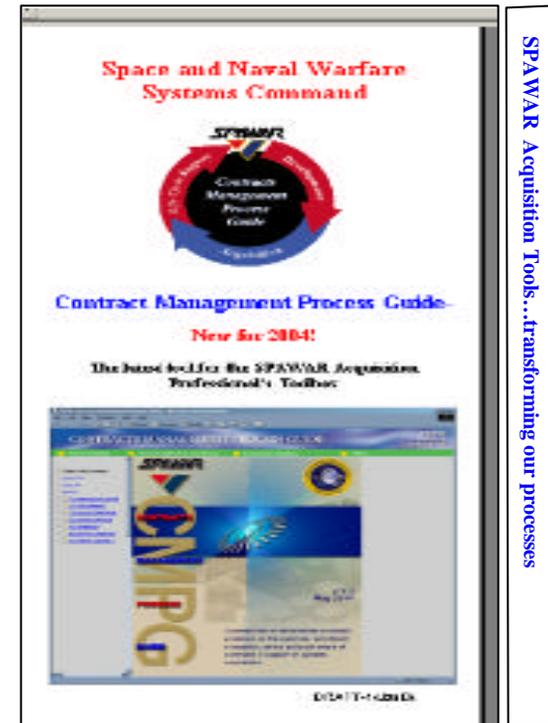
- Train acquisition workforce on use of CMPG
- Add CMPG segment to new employee orientation training course
- Link contracts process training through IDP into annual performance objectives
- Ensure training funds are available to take courses identified
- Increase training of Contract Specialists and program office personnel relating to funding and fiscal policies

Goal: Just in time training

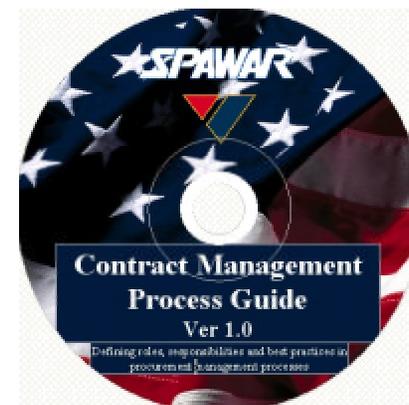


How to access the CMPG

- Marketing materials available from SPAWAR Code 02/ Ken Kennedy (619-524-7393)
 - Tri-fold hand-out
 - CD
- Access via the SPAWAR Public Webpage http://enterprise.spawar.navy.mil/cmpg/public_cmpg_index.htm
 - Searchable
 - Links to numerous acquisition websites



SPAWAR Acquisition Tools...transforming our processes





Seaport Enhanced

**To be addressed next month at
the SPAWAR Industry conference!**



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Questions