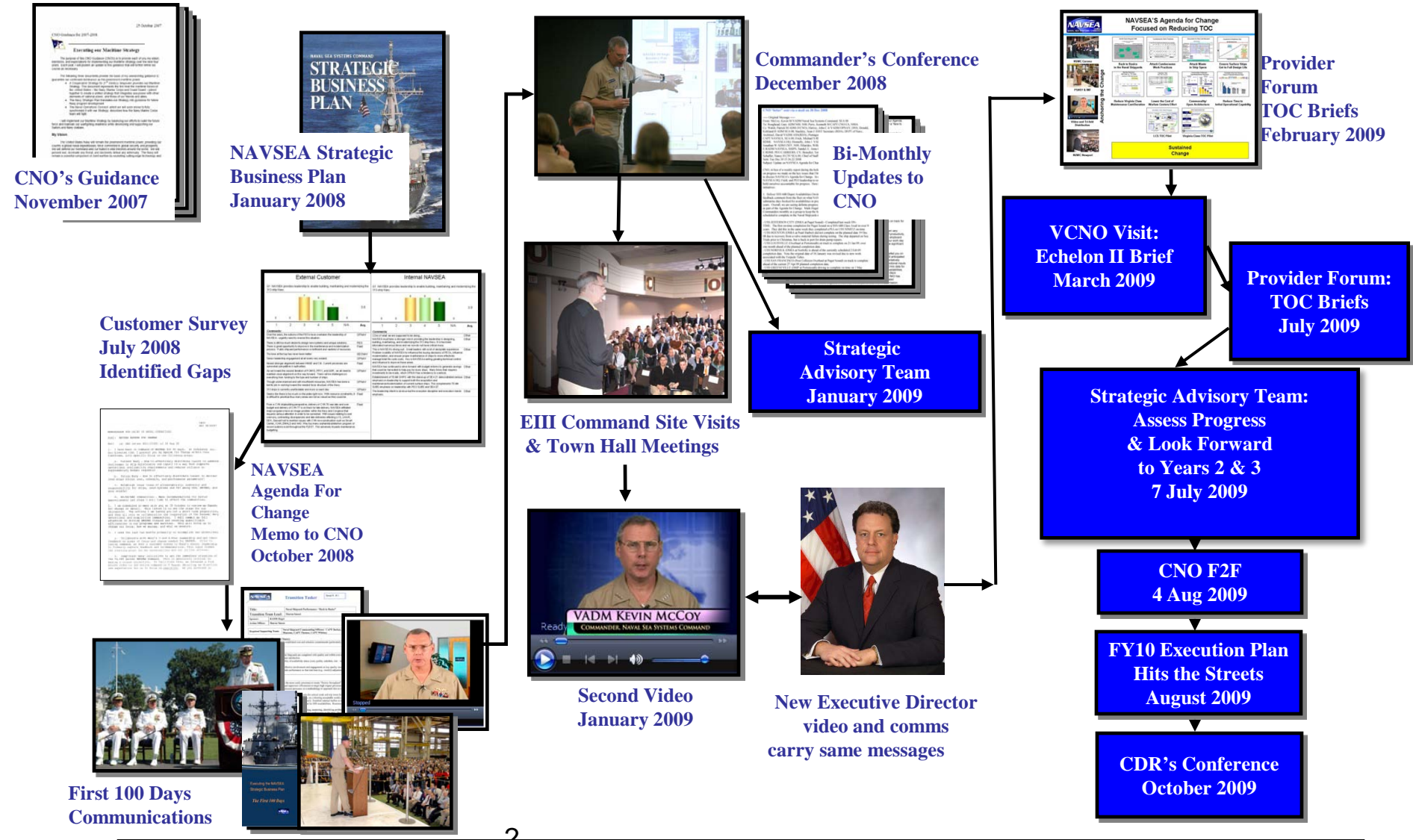




18 November 2009

Agenda for Change Journey



NAVSEA from 50,000 Feet

- NAVSEA is comprised of more than 58,000 civilian and military personnel in 38 activities located across the United States and Asia. Together, we build, buy and maintain ships, submarines and combat systems for the U.S. Navy.
- Accounting for nearly one-fourth of the Navy's budget, NAVSEA manages more than 150 acquisition programs.



Expeditionary Platforms

LPD 17 Class

- LPD 17-21 delivered
- LPD 22-25 under contract

USS Makin Island (LHD 8)

- Energy-efficient Hybrid propulsio

LCS

- Fast, Agile, Optimized to assure Joint force access into contested littoral regions
- Operate with focused-mission packages
- Inherent capabilities to support homeland defense
- Maritime Security Operations/Special Op Forces

USS America (LHA 6)

- Will use Makin Island propulsion plant
- First ship in LHA replacement program



NAVSEA Warfare Centers Providing Joint Expeditionary Solutions

CARDEROCK CORONA CRANE DAHLGREN DAM NECK INDIAN HEAD KEYPORT NEWPORT PANAMA CITY PHILADELPHIA PORT HUENEME



PROVIDING
JOINT
EXPEDITIONARY
SOLUTIONS




PROVIDING
JOINT
EXPEDITIONARY
SOLUTIONS



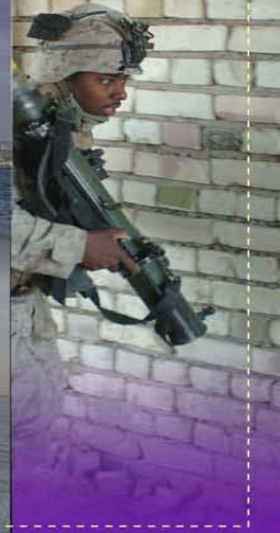
NAVAL SEA SYSTEMS COMMAND
WARFARE CENTERS

PROVIDING JOINT EXPEDITIONARY SOLUTIONS



*Sustaining Naval and Joint Readiness
Achieving Full Spectrum Dominance from the Maritime Domain*

- The NAVSEA Warfare Center Enterprise researches, develops, tests, evaluates, and certifies technology systems, platforms, and capabilities to enable naval and joint warfighting success for today and the Navy of tomorrow.
- A responsive, effective and efficient provider for the Navy Enterprise.
- Putting the right capability in the hands of the warfighter at the right time at the right cost.



NAVSEA Support to NECC

- **Small Craft, Riverine, MESF, and EOD - (PEO Ships/PMS 325)**
- **Weapons, small arms and crew served - (PEO LMW/PMS 340)**
- **EOD Mission Equipment (PEO LMW/PMS 408)**
- **JCREW (PEO LMW/PMS 408)**
- **Specific C4ISR & TOA Items (PEO LMW/PMS 480)**



Riverine Command Boat (RCB), 49 Foot

Provide Riverine Group Commanders with mobile liaison, communications and command/control capabilities



Riverine Patrol Boat (RPB), 38 Foot

Conduct inland waterway patrol and interdiction to preserve rivers for friendly use as lines of communication and to deny the enemy their use



Riverine Assault Boat (RAB), 33 Foot

Deny rivers/waterways to waterborne & shore hostile forces by barrier & interdiction operations. With ground/air forces locate and destroy riparian area hostile forces

Acquisition and life cycle support of small craft



EOD Rigid Inflatable Boats, 7-8m

Explosive Ordnance Disposal dive operations to locate, render safe and recover (or dispose) ordnance.



MESF Force Protection Small, 25 Foot

Provide Harbor Approach Defense and Port Security Harbor Defense patrol and interdiction and vessel escort capabilities



MESF Force Protection Large, 34 Foot

Provide Harbor Approach Defense and Port Security Harbor Defense patrol and interdiction and vessel escort capabilities

Naval Special Warfare (PMS340)



Small Arms: Responsible for the Acquisition, Registration, Tracking, Life Cycle Maintenance, Disposition and Modernization of all Navy Small Arms.



Riverine Outfitting: Procurement and delivery of Small Arms and Visual Augmentation Systems (VAS) Equipment.



Premeditated Personnel Parachuting (P3): Provides Safety Review, Test and Evaluation, and Configuration Control of P3 Equipment Approved for Navy Use (ANU).

- PMS-408 provides acquisition life cycle management of:
 - Ground-based Joint CREW systems and CREW technology (US and International)
 - Joint Service EOD Programs
 - Underwater EOD Programs

- Joint CREW Mission challenged by:
 - Global concerns outside of present theaters of operation
 - Rapidly evolving threat
 - Integration of evolving hardware and software innovations
 - CREW system impact on the electronic spectrum

- EOD Mission requires specialized systems and equipment for:
 - Exploration and Reconnaissance MCM
 - Low Visible Operations
 - Low Signature (Magnetic and Acoustic)
 - Operation in Harsh Environments
 - Small, Mobile Deployed EOD Forces



Anti-Terrorism Afloat (PMS480)

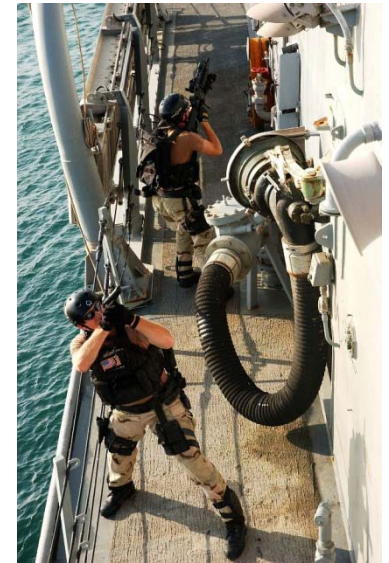
Mission: Develop, acquire and maintain anti-terrorism (AT) systems for ships and expeditionary forces for detection, deterrence, and defense against acts of terrorism and other asymmetric threats.



Expeditionary AT

- Mobile Expeditionary Security Forces (MSF) C4ISR
- Riverine C4ISR
- Table of Allowance (TOA) for MESF, MDSU, MCAG, ETC and ECRC
- Swimmer Defense

Handheld Night Vision Devices



Non-Lethal Weapons



- Enhanced Maritime Interdiction Operations (EMIO)
- Biometrics Identity Dominance System (IDS)

PMS 480 Expeditionary Support



EO/IR



TACCOM



C4I outfitting
For Riverine Boats
and Vehicles



Internal
Comms



Riverine
C4I



Biometrics



IDS Biometric
Collection Device

MAST – Mobile Ashore
Support Terminal



MESF
C4I

Expeditionary Warfare

Non
Lethal



Non-Lethal
Warning Munitions
Testing



Acoustic Hailing
Devices

Swimmer
Defense

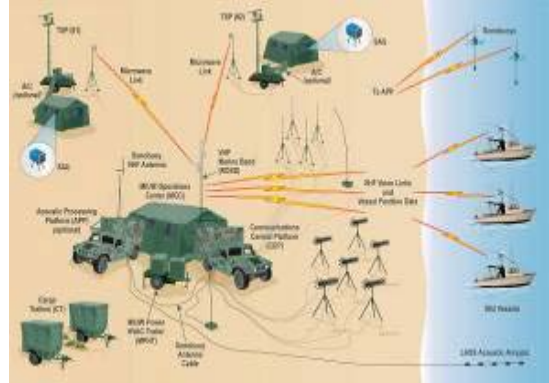


Non-Lethal ISD
Air Gun



Laser Dazzlers

RSSC – Radar Sonar Surveillance Centers
& Tactically Integrated Sensors (TIS)



Active
Sonar



High Performance
Radar



EO/IR Sensors



Questions