Navy Expeditionary Combat Command

Executing Navy’s Maritime Strategy

National Defense Industrial Association
Global EOD Conference & Exhibition
April 30 – May 1, 2014
THIS BRIEF CLASSIFIED:
UNCLASS
AGENDA

• COMNECC POM Strategy

• Focus Areas

• Industry Focus

• Science & Technology Objectives

• Industry Engagements
• Focus must be on AFFORDABILITY & ADAPTABILITY
• Meet CNO’s tenets of Warfighting First, Operate Forward, and Be Ready
• Preserve capacity to enable Navy Expeditionary Forces to:
  • Control and protect the battle-space at the sea-shore interface;
  • Protect high value assets in the littorals and restricted waterways;
  • Protect critical Navy infrastructure; and
  • Provide naval capability which the joint community is unable to fill for the fight ashore
• Driven by POM-16 priorities
  1. Force Capacity
  2. Force Protection/Force Application
  3. Command and Control
  4. Battlespace Awareness
  5. Logistics
NECC FOCUS AREAS

• Expeditionary Command & Control
  • Standing Task Forces
  • Major Combat Operations
  • DSCA/HADR

• Recover NAVY EOD MCM ROOTS
  • Expeditionary and Blue Water Focus
  • Expeditionary MCM Company

• Continuous Technological Advancement
  • Pre-OEF/OIF EOD Technology Transition to Today
  • Today’s Technology Transition to the Future
  • Reducing Manpower Requirements via Technology
INDUSTRY FOCUS REQUESTS

• Expeditionary Command & Control
  • Advanced C5ISR solutions
  • Expeditionary PDA’s
  • Expeditionary TOC solutions
  • Remote Command & Control solutions
  • PED efficiency

• NAVY EOD MCM
  • Synthetic Post Mission Analysis Training
  • CAD/CAC/CAI efficiency
  • UUV/ROV
  • MCM Precision Navigation
  • Remote Limpet Operations
  • Maritime MCM Platforms

• Continuous Technological Advancement
  • Training aids
  • AIR OPS Training (FY 14 Parachute Training Support BAA)
  • Land and underwater robotics with enhanced control solutions
  • Synthetic weapons training
SCIENCE & TECHNOLOGY
OBJECTIVES

• Improved Diver Survivability and Performance
• MCM and Expeditionary Diving Apparatus
• Internal Imaging of Underwater Explosive Devices
• Stand-off Detection of Explosive Hazards (Underwater/Land)
• Limpet Mine Removal Tool
• On-Command Neutralization of Underwater Explosive Hazards
• Underwater Explosive Object Recovery
• Underwater Heads-Up Display and Enhanced Vision for Divers
• Improved Protection for Individuals
INDUSTRY ENGAGEMENTS

• EXPERIMENTS
  • NECC Stiletto Capability Demonstration
  • Naval Special Warfare Technology Evaluation
  • Fleet Experimentation (FLEX) Events
    • USWEET
    • BOLD QUEST
    • JHSV
    • RIMPAC
    • TRIDENT WARRIOR
    • TRIDENT SPECTRE
    • BOLD ALLIGATOR

• CONFERENCES
  • NDIA Events
  • Navy League Sea Air Space Expo
  • High Speed Boat Operations Forum
  • Association for Unmanned Vehicles International
  • Multi-agency Craft Conference
  • Ground Robotics Capabilities Conference
  • IEEE Autonomous Underwater Vehicles Conference
  • International Workboat Show
QUESTIONS