Navy Expeditionary Combat Command

National Defense Industrial Association Joint Missions Conference

CDR Jim “JT” Turner USN

31 August 2011

THIS BRIEF CLASSIFIED:
UNCLASS
Navy Expeditionary Combat Command

Providing rapidly deployable and agile expeditionary forces, made up of active duty and reserve mission specialists, to warfare commanders in support of maritime security operations around the globe.

- Riverine
- Naval Construction (Seabees)
- Explosive Ordnance Disposal
- Maritime Expeditionary Security
- Expeditionary Intelligence
- Combat Camera
- Expeditionary Logistics
- Maritime Civil Affairs & Security Training
- Expeditionary Combat Readiness
Riverine Vietnam 1965

Navy Expeditionary Logistics WWII 1945

Adaptive, Responsive, Expeditionary

Navy Expeditionary Logistics Today
NECC At A Glance

- Naval Construction: 51.5%
- Maritime Civil Affairs and Security Training: 1.1%
- Expeditionary Logistics: 12.6%
- Combat Camera: 0.3%
- Expeditionary Intel: 0.9%
- Maritime Expeditionary Security: 22.1%
- Riverine Disposal: 2.5%
- Explosive Ordnance Disposal: 9.0%

53 percent of NECC Forces are Reserve Component
NECC Battlespace
Where we work and where we fight

NECC OV-1
Phase 1 - 5 Operations

MAGTF
ARG/JLOTS

SEABASE
CSG/MPF(F)

NECC
Adaptive, Responsive, Expeditionary
Technology Challenges

- Technology driven by balancing current warfighter demand AND the future threat
  - Warfighter demand alone doesn’t define the effort
  - OEF/OIF/OND – Get inside the enemy’s OODA Loop

- We need a streamlined RDT&E process that leads to a strong, defendable, responsive, affordable acquisition process that supports future requirements

- Absolutely vital that the S&T process 'feed, complement, and accelerate' our acquisition process

- Identify 'common' joint systems and leverage current and projected acquisition POR initiatives
Technology Initiatives:
C4ISR for Joint Integration

- Joint Expeditionary C3 (JEC3) System
- Deployable Joint C2 (DJC2) Program of Record
- Blue Force Tracker (BFT)/Combat Identification (CID)
- Link-16 Small Tactical Terminal (STT)
Technology Initiatives: Underwater Mine Counter-Measure Programs

- Mine detection and classification from the surf zone to the high-water mark and inland
- Organic Mine Clearance Without Cued ISR
- Limpet Mine Removal Tool
- U/W Explosive Object Recovery
Technology Initiatives:
Underwater Mine Counter-Measure Programs (Continued)

Mk18 Mod 1 UUV

Hydroid, Inc. (REMUS)

Hull Unmanned Underwater Vehicle Localization System (HULS)

NECC Adaptive, Responsive, Expeditionary
Technology Initiatives: Unmanned Air and Surface Programs

- Modular Unmanned Surface Craft Littoral
- Advanced Composite Riverine Craft
- Advanced EOD Robotic System
- Small UAVs
- Riverine Intercoastal Operations

NECC
Adaptive, Responsive, Expeditionary
Technology Initiatives: Energy

Solar Water Purification

Solar/Wind Power

Onboard Vehicle Power

Expeditionary Power Management & Distribution

Universal Power Supply
What Can NDIA Do For Us?

- Understand the threat, trends, and requirements

- Look at what capability you can provide, articulate the product or service, and feed it to one of our stakeholders

- Constantly re-examine if your capability can be tailored, adapted, massaged, improved, and lightened to meet the needs of our NECC warfighters’ requirements
Questions?

NECC Points of Contact:

- CDR Jim Turner, NECC N9
  757-462-4316 X225
  james.turner1@navy.mil

- Dr. Marty Irvine, NECC Science Advisor
  757-462-4316 X238,
  martin.irvine@navy.mil